

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	83019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80995	53.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	5.373	113	57222	57.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.200%			
50) Toluene-d8	8.646	98	181740	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	72535	56.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61470	49.511	ug/l	97
3) Chloromethane	1.306	50	62142	48.720	ug/l	98
4) Vinyl Chloride	1.373	62	59100	50.631	ug/l	99
5) Bromomethane	1.593	94	27831	50.285	ug/l	99
6) Chloroethane	1.666	64	33319	53.801	ug/l	98
7) Trichlorofluoromethane	1.873	101	96541	55.463	ug/l	100
8) Diethyl Ether	2.129	74	32208	55.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	59765	58.595	ug/l	97
10) Methyl Iodide	2.446	142	67042	52.697	ug/l	98
11) Tert butyl alcohol	2.971	59	58258	285.531	ug/l	98
12) 1,1-Dichloroethene	2.306	96	53649	53.830	ug/l	99
13) Acrolein	2.233	56	70105	249.511	ug/l	99
14) Allyl chloride	2.654	41	107014	56.591	ug/l	99
15) Acrylonitrile	3.062	53	180191	279.773	ug/l	99
16) Acetone	2.379	43	171103	274.460	ug/l	98
17) Carbon Disulfide	2.501	76	118522	48.149	ug/l	100
18) Methyl Acetate	2.702	43	102006	71.068	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197424	56.627	ug/l	99
20) Methylene Chloride	2.782	84	62273	53.357	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	54085	53.118	ug/l	96
22) Diisopropyl ether	3.757	45	210737	56.574	ug/l	97
23) Vinyl Acetate	3.714	43	900723	279.868	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115868	55.001	ug/l	99
25) 2-Butanone	4.550	43	260657	285.635	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89561	65.801	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	66980	53.994	ug/l	96
28) Bromochloromethane	4.891	49	51886	50.967	ug/l	99
29) Tetrahydrofuran	5.001	42	163973	277.150	ug/l	99
30) Chloroform	5.086	83	122387	56.460	ug/l	96
31) Cyclohexane	5.458	56	97974	52.607	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	105967	57.773	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77142	57.008	ug/l	98
37) Ethyl Acetate	4.708	43	95465	55.982	ug/l	100
38) Carbon Tetrachloride	5.665	117	89240	61.020	ug/l	95
39) Methylcyclohexane	7.372	83	96485	58.168	ug/l	96
40) Benzene	6.031	78	230095	55.676	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	55285	61.444	ug/l	98
42) 1,2-Dichloroethane	6.080	62	101162	59.265	ug/l	99
43) Isopropyl Acetate	6.336	43	152975	59.187	ug/l	99
44) Trichloroethene	7.116	130	53879	54.850	ug/l	89
45) 1,2-Dichloropropane	7.421	63	59913	58.102	ug/l	96
46) Dibromomethane	7.573	93	45762	57.812	ug/l	99
47) Bromodichloromethane	7.817	83	93621	59.224	ug/l	99
48) Methyl methacrylate	7.689	41	80498	60.322	ug/l	98
49) 1,4-Dioxane	7.653	88	28230	1169.224	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	523428	305.494	ug/l	99
52) Toluene	8.713	92	141515	56.589	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83909	54.959	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	93412	62.882	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	57721	57.923	ug/l	97
56) Ethyl methacrylate	9.116	69	93271	60.478	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101237	58.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225591	289.158	ug/l	100
59) 2-Hexanone	9.427	43	385019	303.451	ug/l	100
60) Dibromochloromethane	9.518	129	67023	61.693	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59506	58.989	ug/l	99
64) Tetrachloroethene	9.268	164	48815	56.324	ug/l	98
65) Chlorobenzene	10.073	112	152893	58.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	53762	59.035	ug/l	99
67) Ethyl Benzene	10.189	91	277323	59.031	ug/l	100
68) m/p-Xylenes	10.299	106	203329	118.999	ug/l	100
69) o-Xylene	10.640	106	97759	58.079	ug/l	96
70) Styrene	10.652	104	168026	60.482	ug/l	99
71) Bromoform	10.798	173	43749	64.339	ug/l #	98
73) Isopropylbenzene	10.957	105	270422	55.748	ug/l	100
74) N-amyl acetate	10.841	43	131755	56.782	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89373	52.449	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	79337m	53.709	ug/l	
77) Bromobenzene	11.195	156	61170	54.578	ug/l	99
78) n-propylbenzene	11.298	91	319585	57.199	ug/l	100
79) 2-Chlorotoluene	11.359	91	194891	54.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228624	56.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25105	57.681	ug/l	98
82) 4-Chlorotoluene	11.451	91	226967	56.991	ug/l	100
83) tert-Butylbenzene	11.713	119	225892	56.883	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	230007	57.131	ug/l	99
85) sec-Butylbenzene	11.890	105	285093	58.450	ug/l	99
86) p-Isopropyltoluene	12.006	119	236921	58.918	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	113784	55.772	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113296	54.777	ug/l	99
89) n-Butylbenzene	12.329	91	214265	61.446	ug/l	99
90) Hexachloroethane	12.536	117	41970	60.731	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111483	54.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21144	59.332	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	64311	56.960	ug/l	100
94) Hexachlorobutadiene	13.725	225	29367	60.361	ug/l	97
95) Naphthalene	13.774	128	237119	56.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	67453	57.054	ug/l	100

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MSVOA_X
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VSTDCCC050

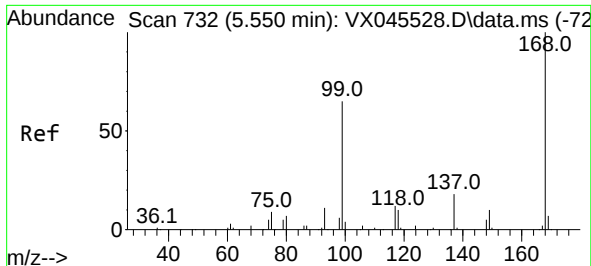
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

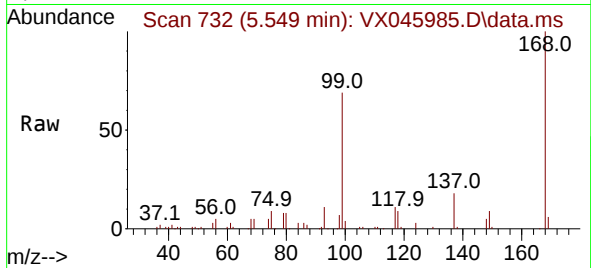
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

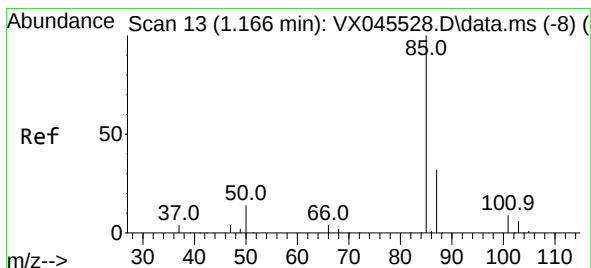
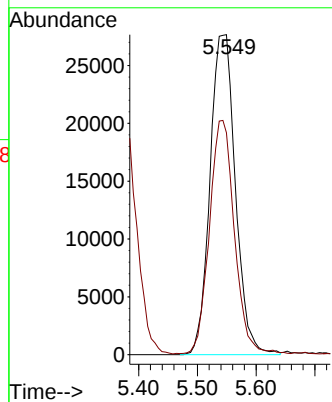
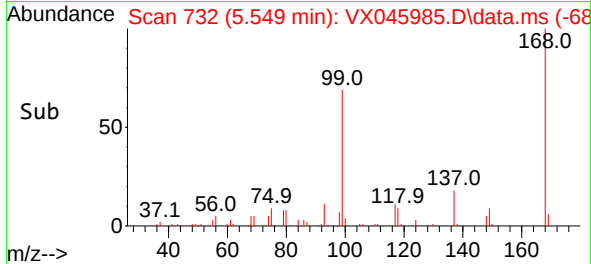
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 83019
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5

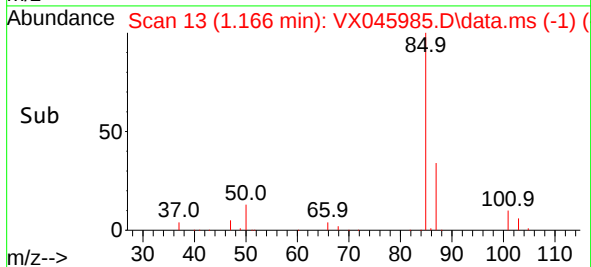
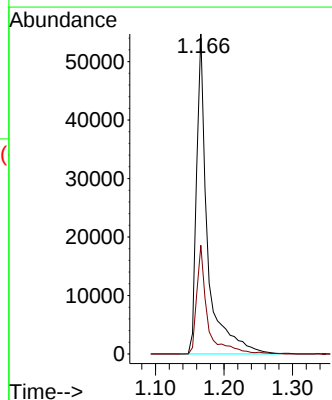
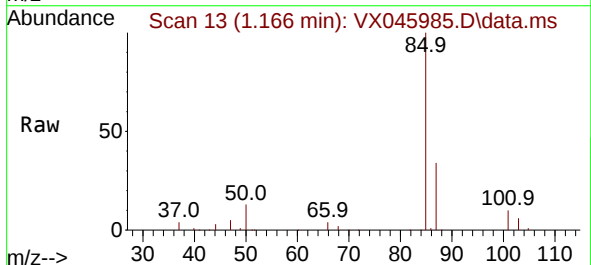
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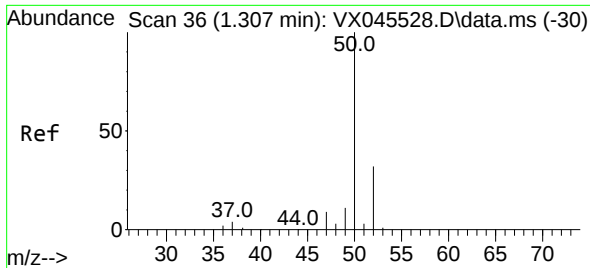
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#2
Dichlorodifluoromethane
Concen: 49.511 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

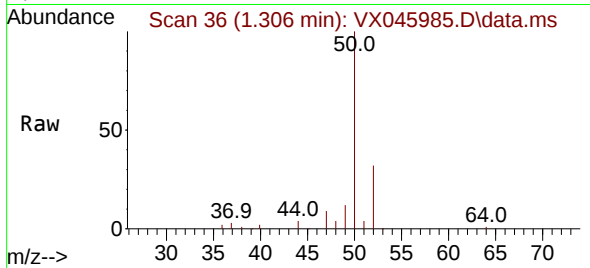
Tgt Ion: 85 Resp: 61470
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2





#3
Chloromethane
Concen: 48.720 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

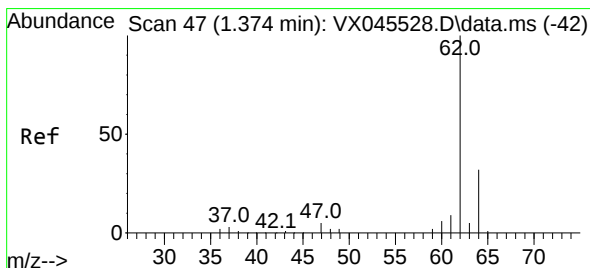
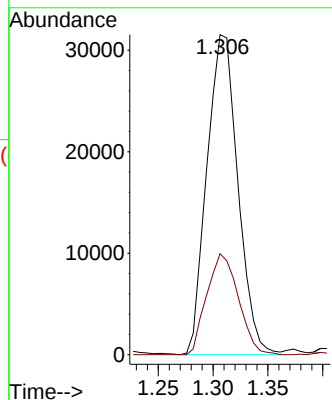
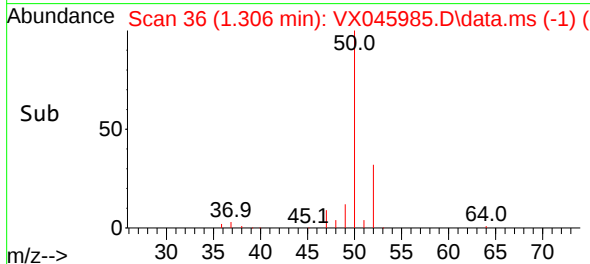
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 6214
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

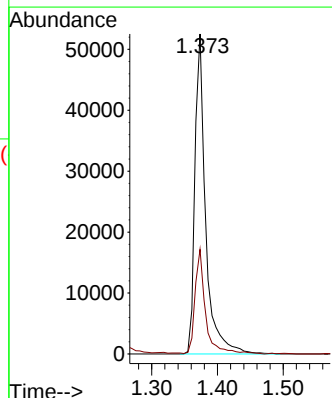
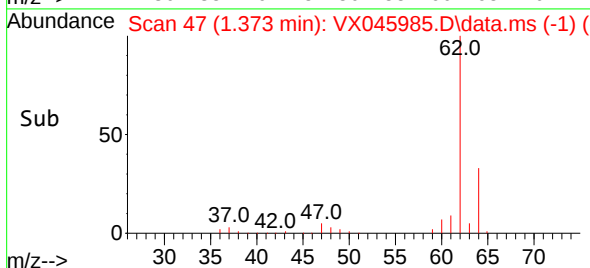
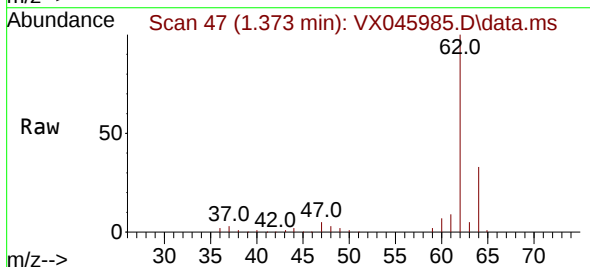
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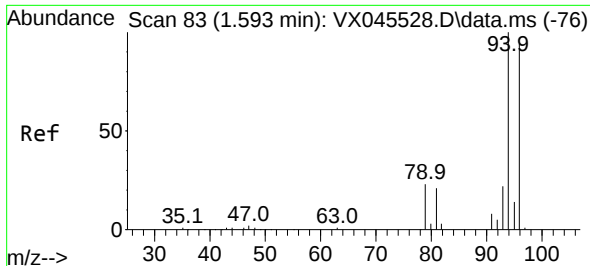
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#4
Vinyl Chloride
Concen: 50.631 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

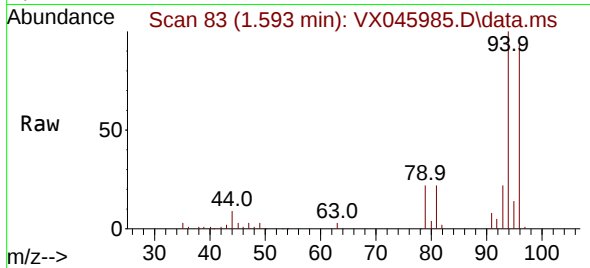
Tgt Ion: 62 Resp: 59100
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 50.285 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

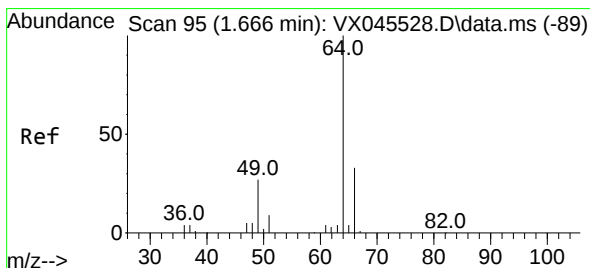
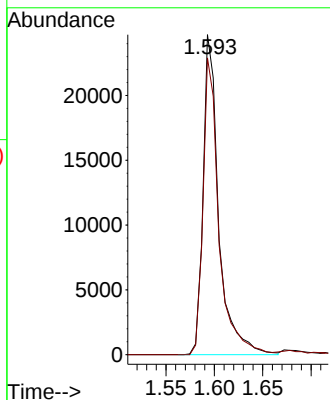
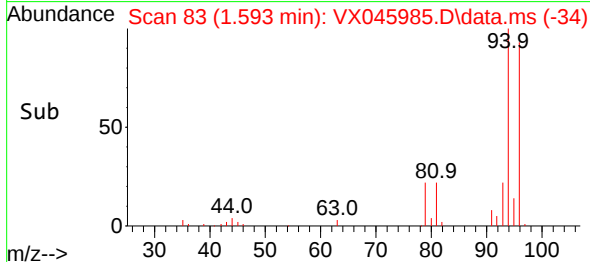
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Tgt Ion: 94 Resp: 2783
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2

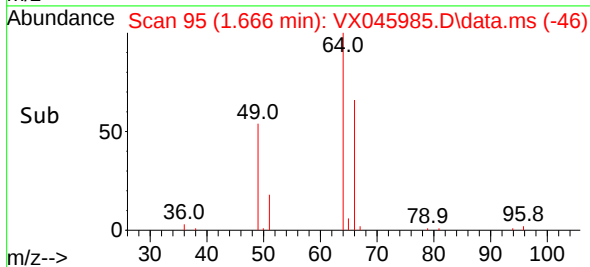
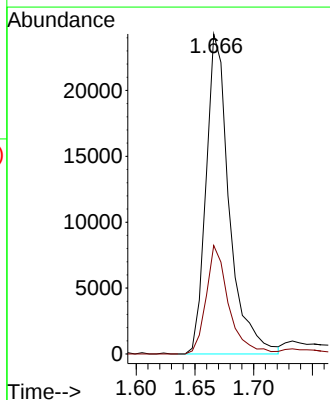
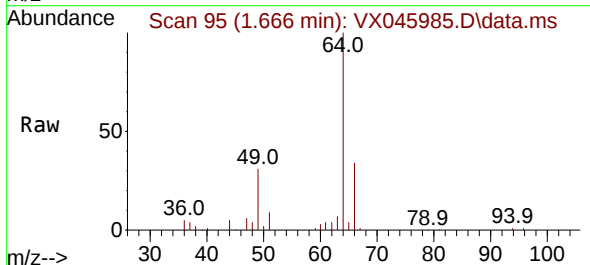
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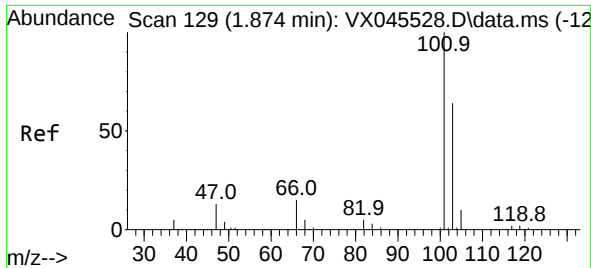
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#6
Chloroethane
Concen: 53.801 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045985.D
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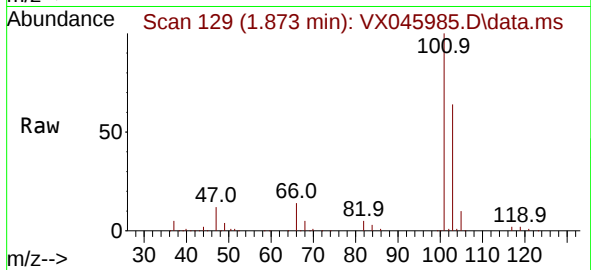
Tgt Ion: 64 Resp: 33319
Ion Ratio Lower Upper
64 100
66 33.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 55.463 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

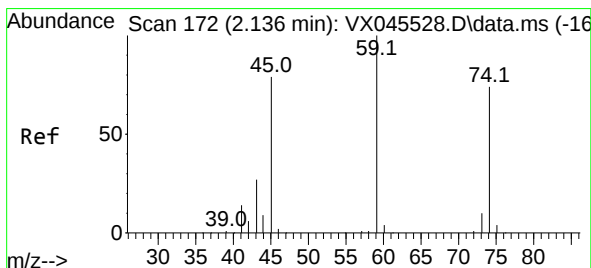
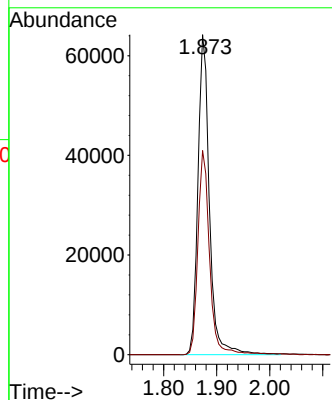
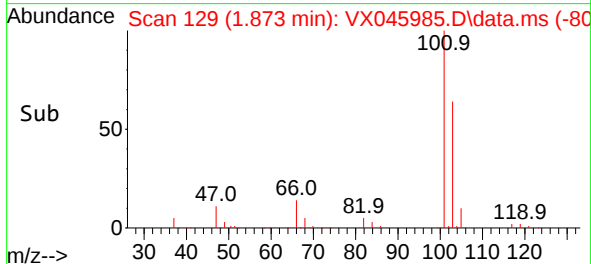
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 9654
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.1 76.7

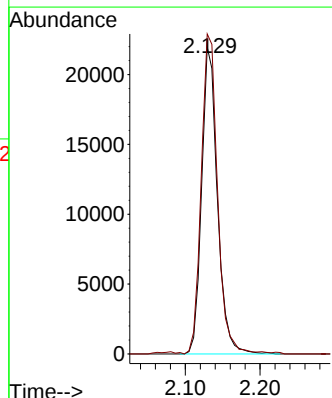
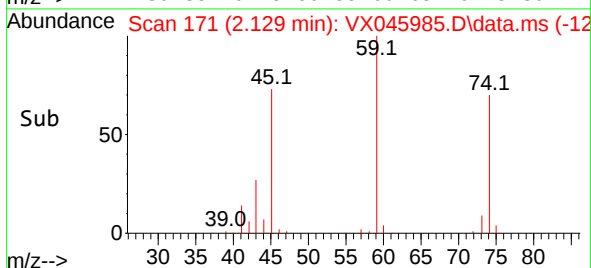
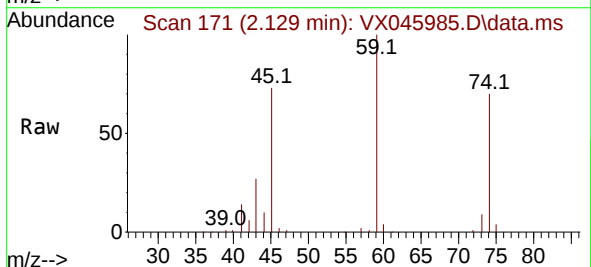
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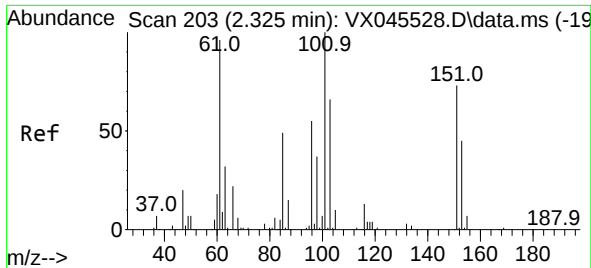
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#8
 Diethyl Ether
 Concen: 55.114 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

Tgt Ion: 74 Resp: 32208
 Ion Ratio Lower Upper
 74 100
 45 108.1 53.0 159.1





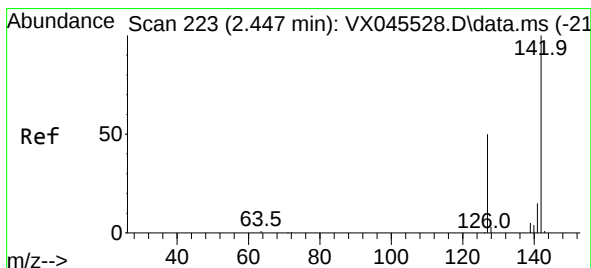
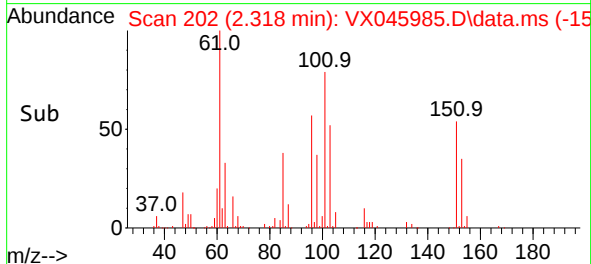
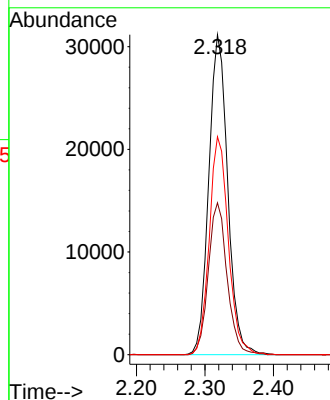
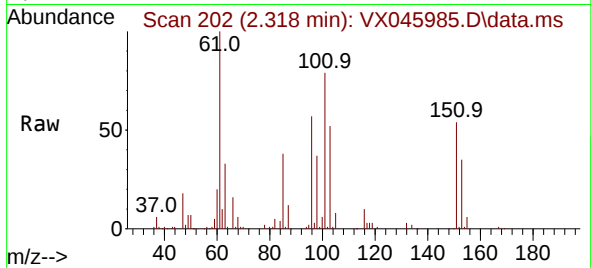
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.595 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5976
Ion Ratio Lower Upper
101 100
85 47.1 38.9 58.3
151 68.7 57.5 86.3

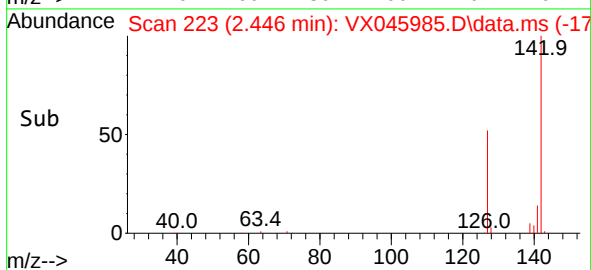
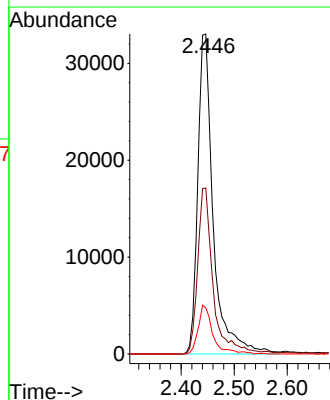
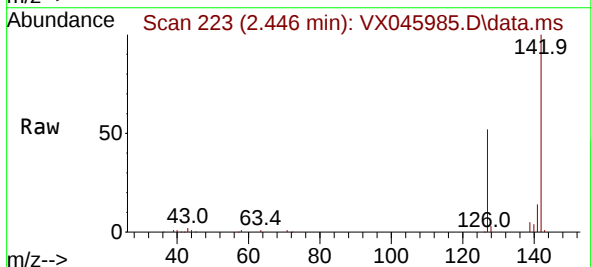
Manual Integrations
APPROVED

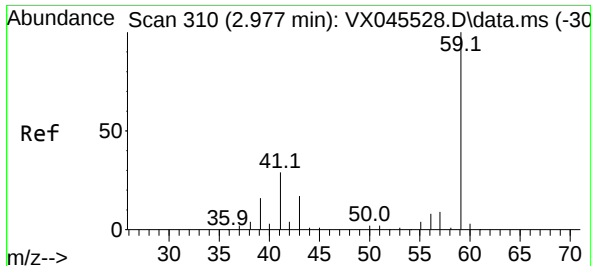
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 52.697 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:142 Resp: 67042
Ion Ratio Lower Upper
142 100
127 51.8 40.2 60.4
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 285.531 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 58258

Ion Ratio Lower Upper

59 100

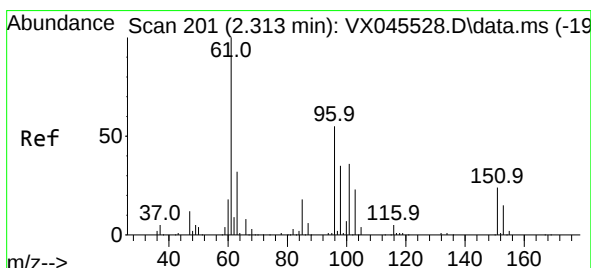
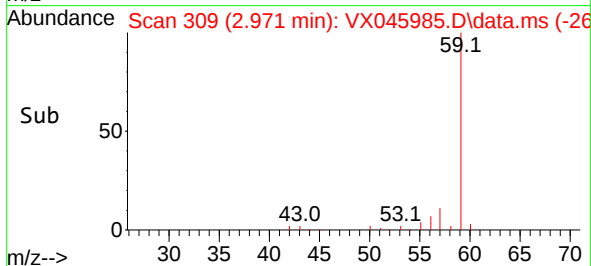
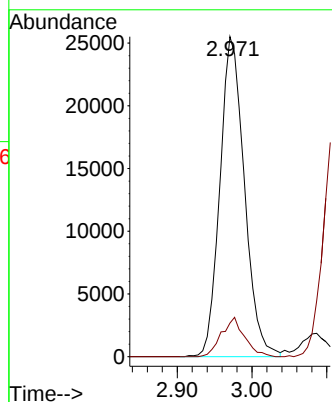
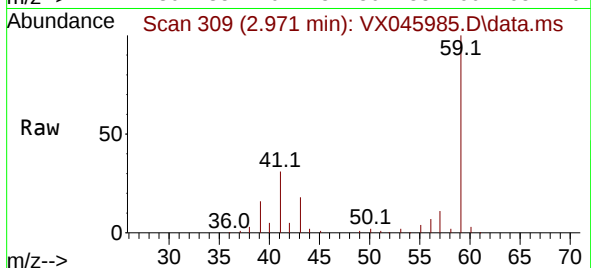
57 11.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#12

1,1-Dichloroethene

Concen: 53.830 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

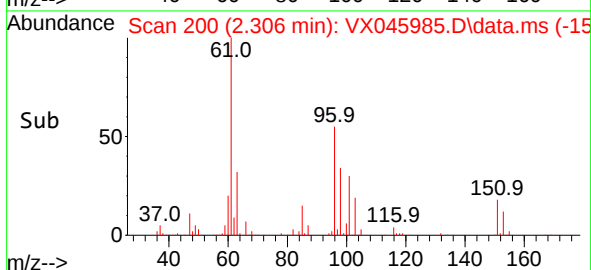
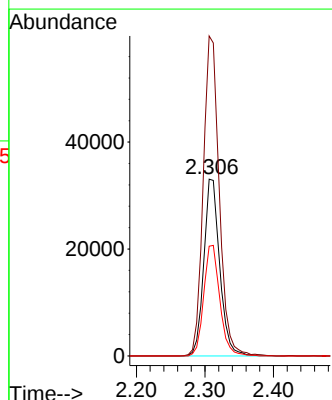
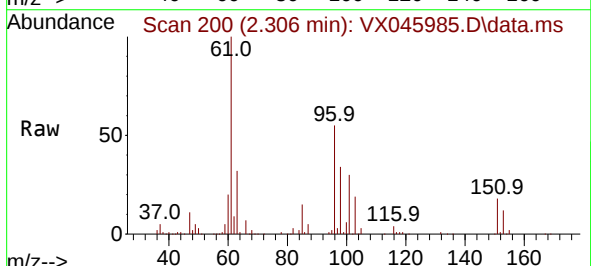
Tgt Ion: 96 Resp: 53649

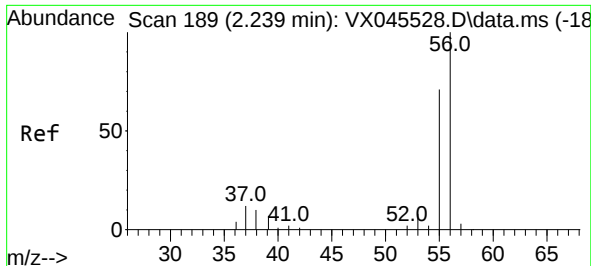
Ion Ratio Lower Upper

96 100

61 181.0 145.7 218.5

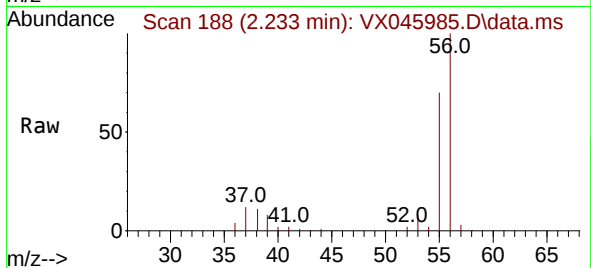
98 62.1 51.6 77.4





#13
Acrolein
Concen: 249.511 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

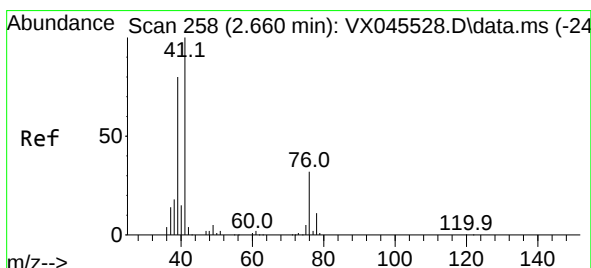
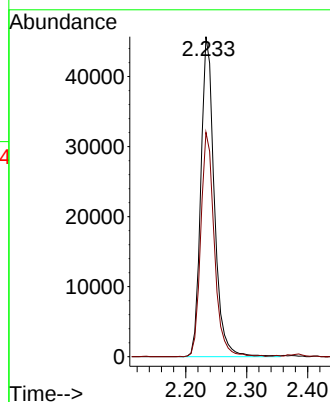
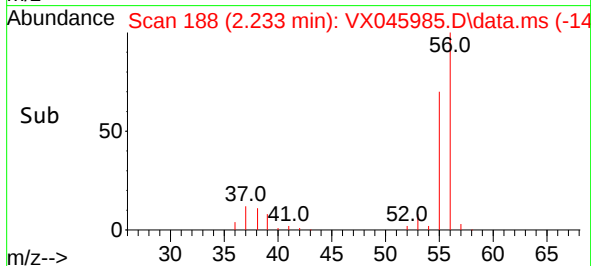
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7010
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.2

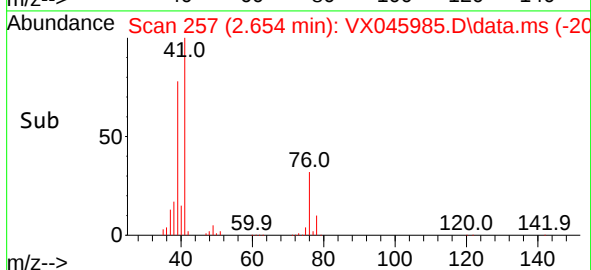
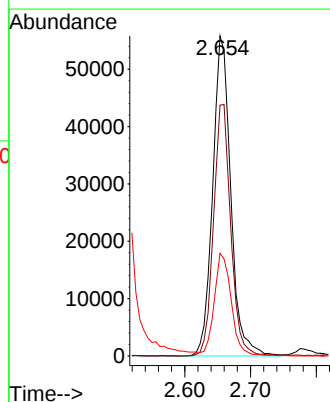
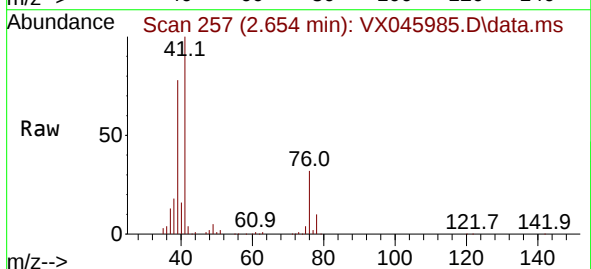
Manual Integrations
APPROVED

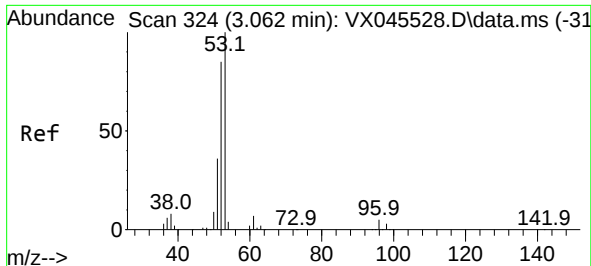
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 56.591 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

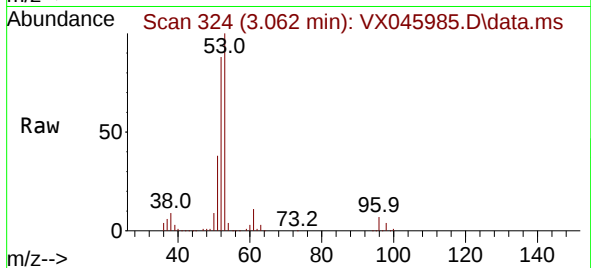
Tgt Ion: 41 Resp: 107014
Ion Ratio Lower Upper
41 100
39 74.8 60.2 90.2
76 30.3 24.6 36.8





#15
Acrylonitrile
Concen: 279.773 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

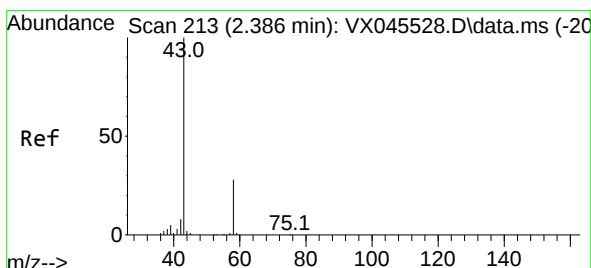
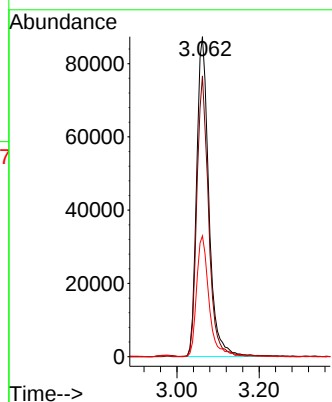
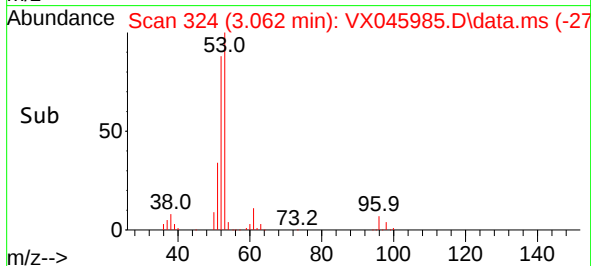
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18019
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.2
51 38.0 29.9 44.9

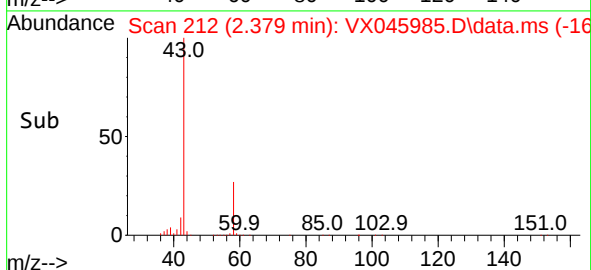
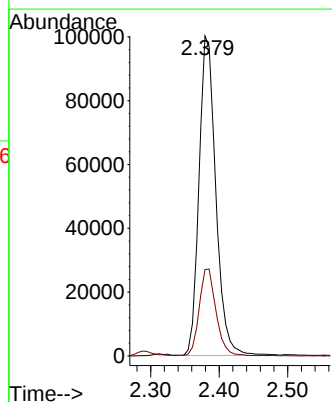
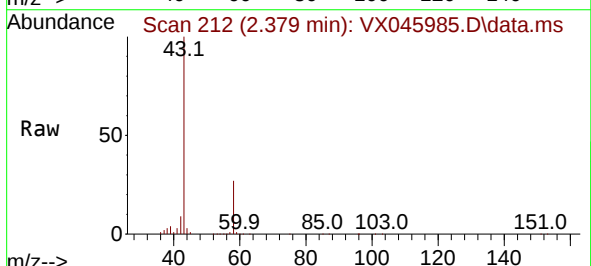
Manual Integrations
APPROVED

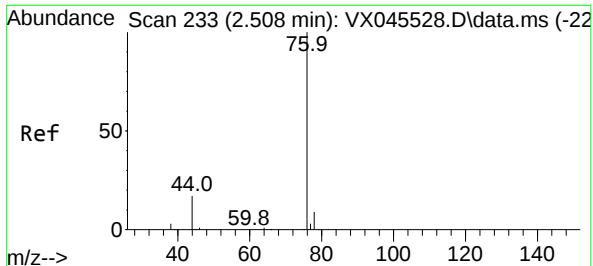
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 274.460 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 171103
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





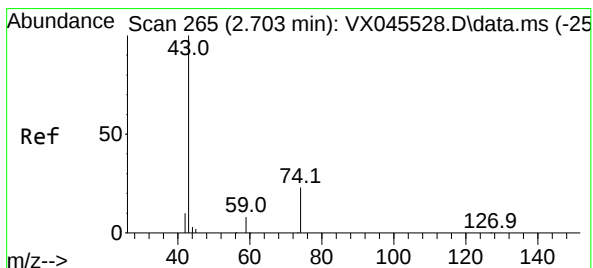
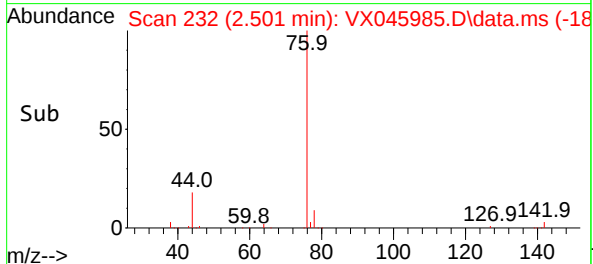
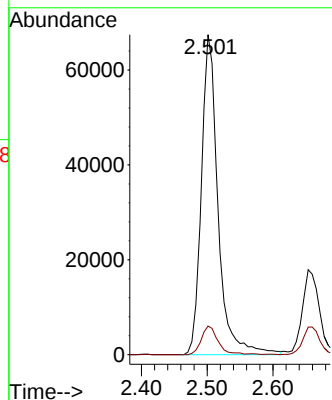
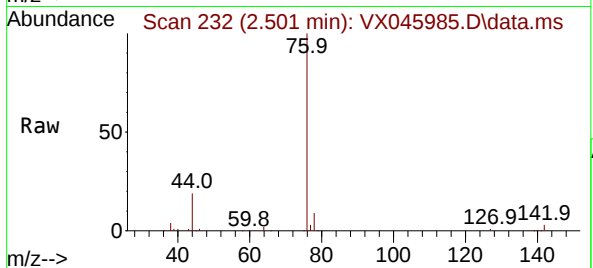
#17
Carbon Disulfide
Concen: 48.149 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11852
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

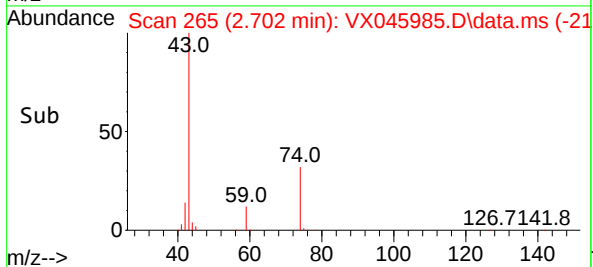
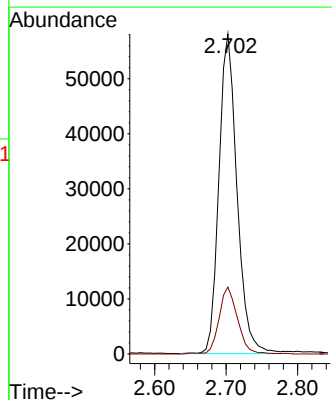
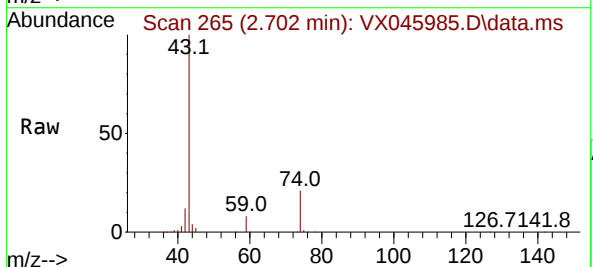
Manual Integrations
APPROVED

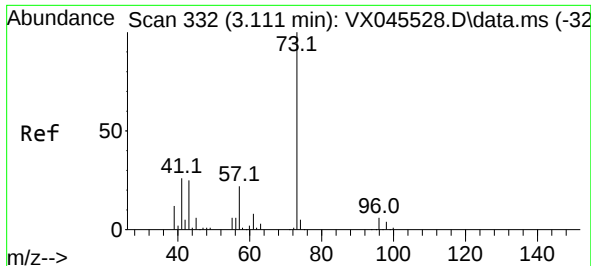
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#18
Methyl Acetate
Concen: 71.068 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

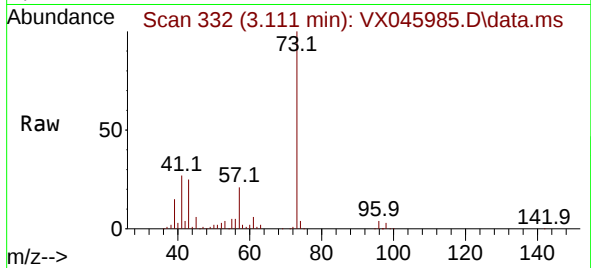
Tgt Ion: 43 Resp: 102006
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 56.627 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

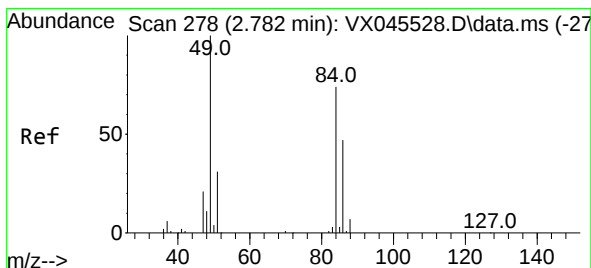
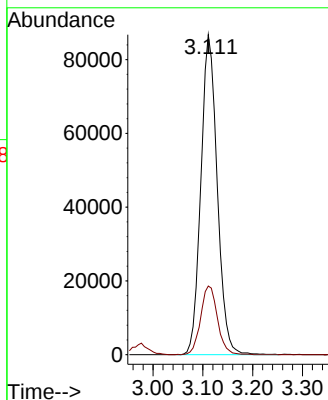
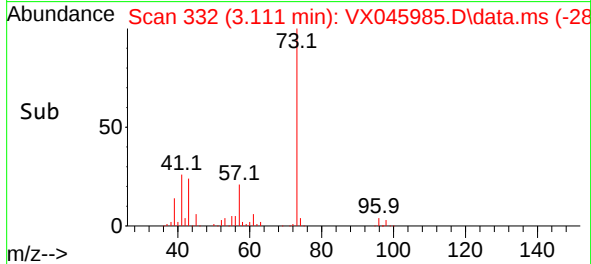
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 197424
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

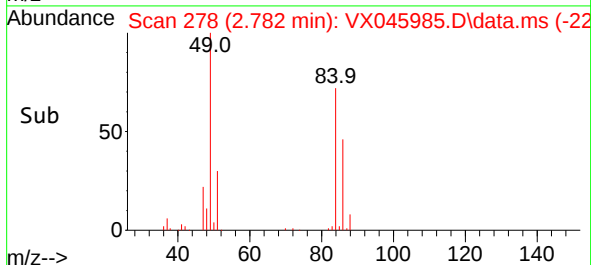
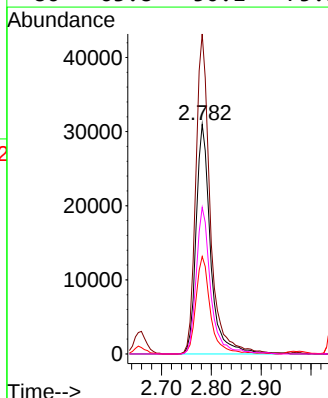
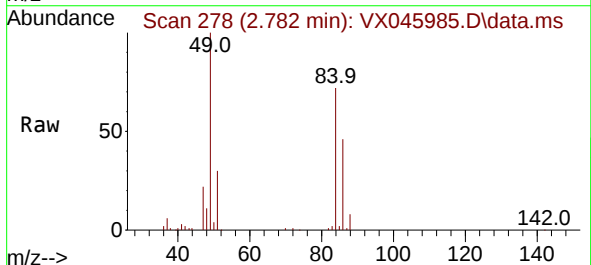
Manual Integrations
APPROVED

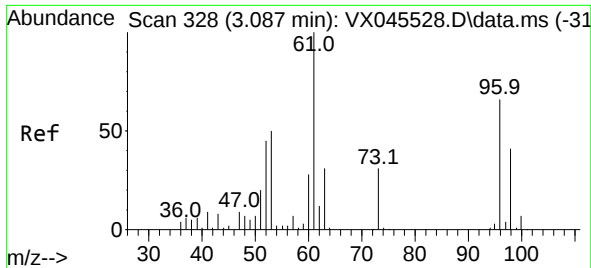
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 53.357 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

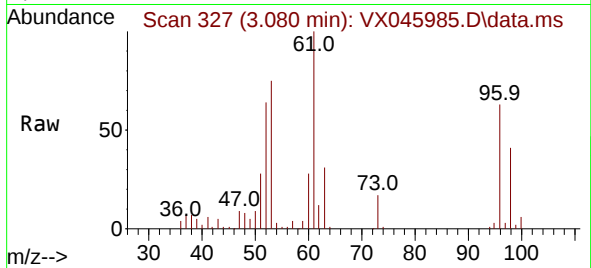
Tgt Ion: 84 Resp: 62273
Ion Ratio Lower Upper
84 100
49 139.4 107.5 161.3
51 42.5 33.0 49.6
86 63.8 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 53.118 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

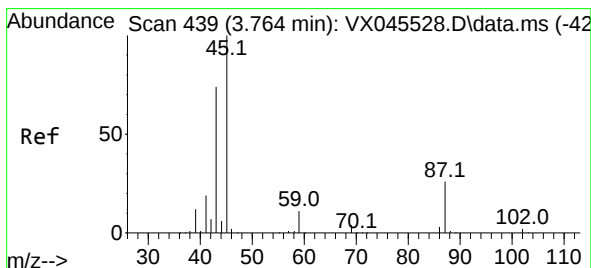
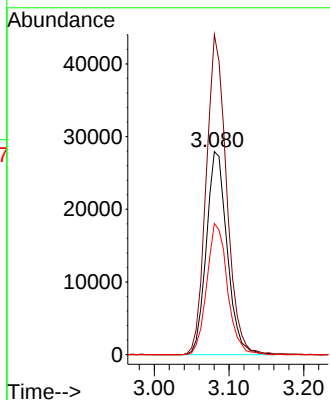
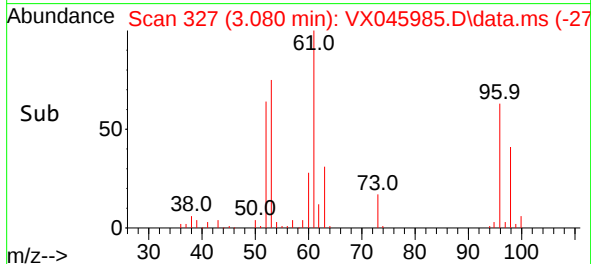
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5408
Ion Ratio Lower Upper
96 100
61 157.7 121.0 181.6
98 64.6 49.7 74.5

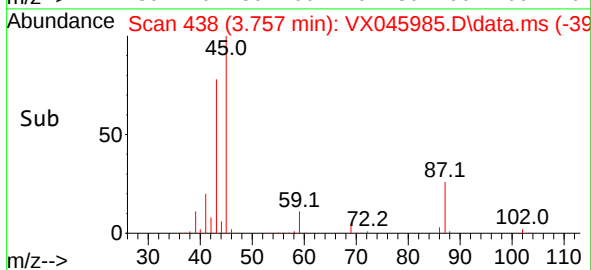
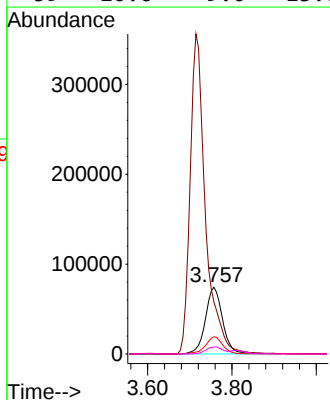
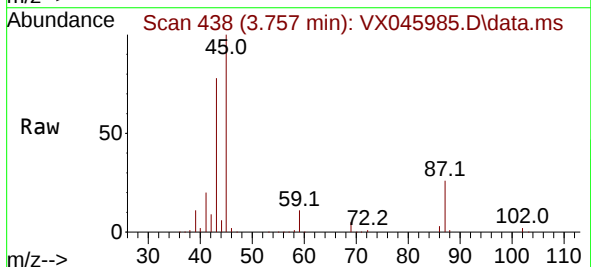
Manual Integrations
APPROVED

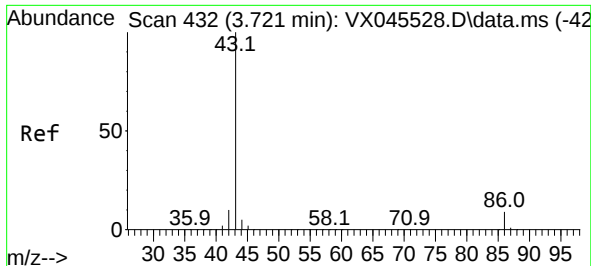
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 56.574 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

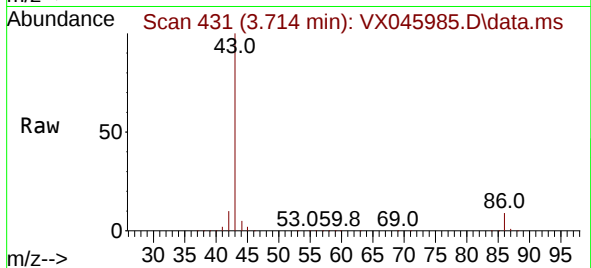
Tgt Ion: 45 Resp: 210737
Ion Ratio Lower Upper
45 100
43 77.6 59.3 88.9
87 25.7 20.4 30.6
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 279.868 ug/l
 RT: 3.714 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

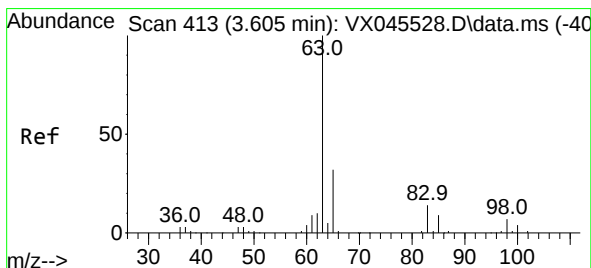
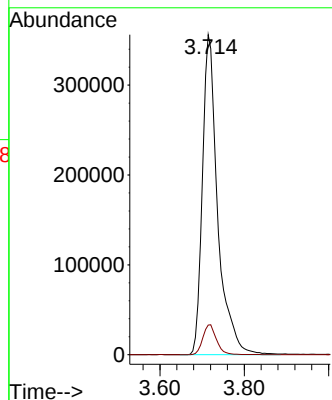
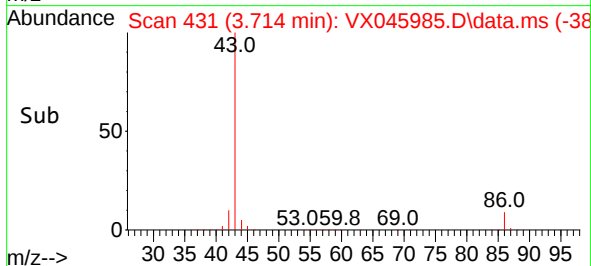
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 90072
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

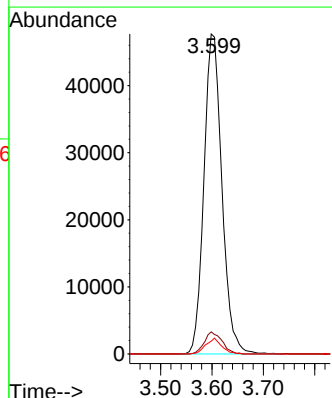
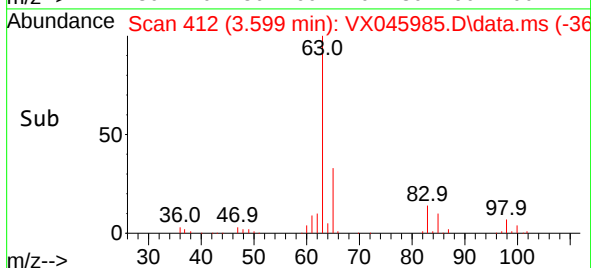
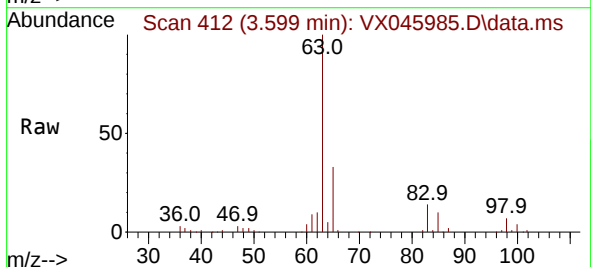
Manual Integrations
 APPROVED

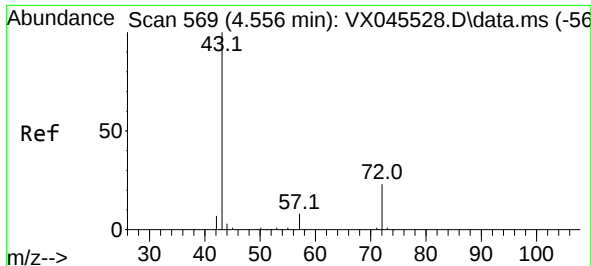
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#24
 1,1-Dichloroethane
 Concen: 55.001 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

Tgt Ion: 63 Resp: 115868
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.2 6.6





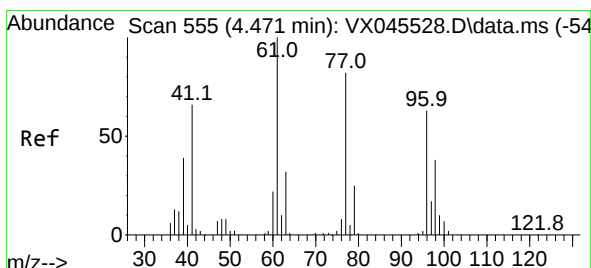
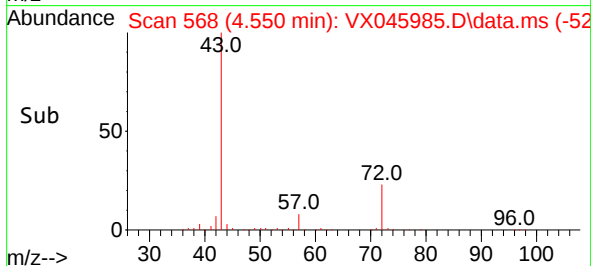
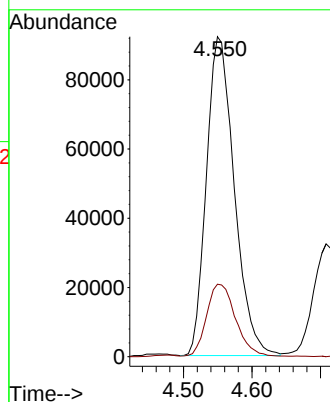
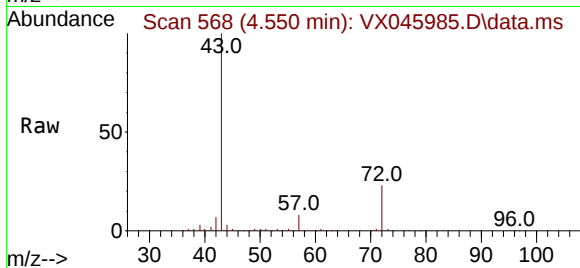
#25
2-Butanone
Concen: 285.635 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26065
Ion Ratio Lower Upper
43 100
72 22.5 18.6 28.0

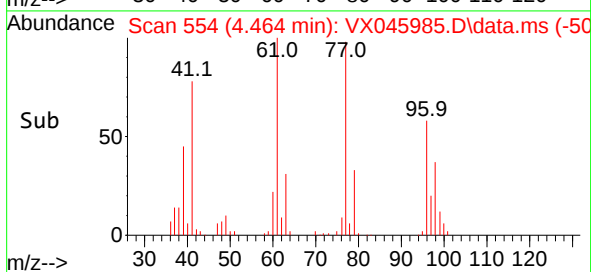
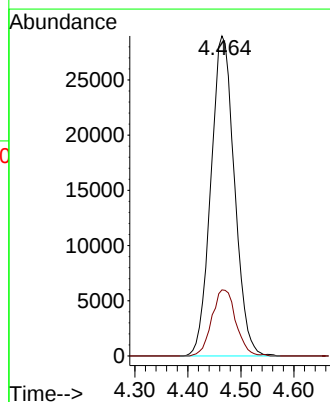
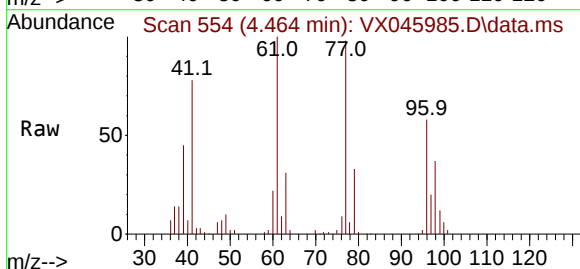
Manual Integrations
APPROVED

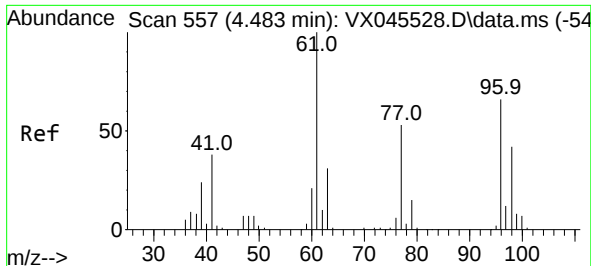
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 65.801 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 77 Resp: 89561
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 53.994 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 66980

Ion Ratio Lower Upper

96 100

61 162.7 0.0 313.2

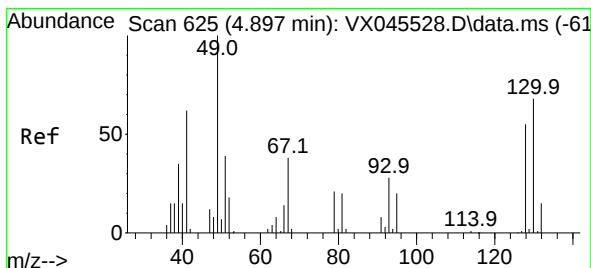
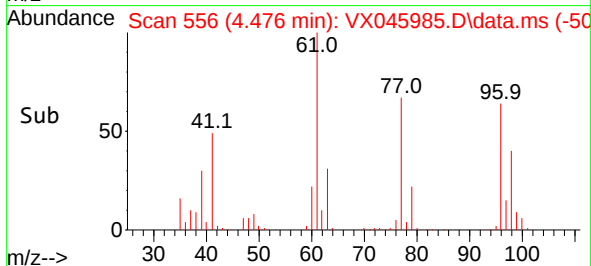
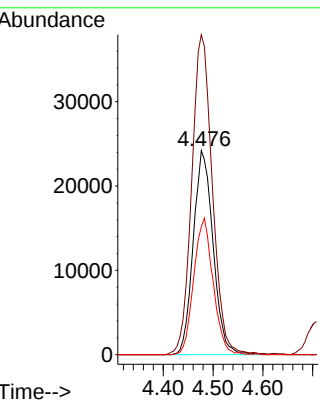
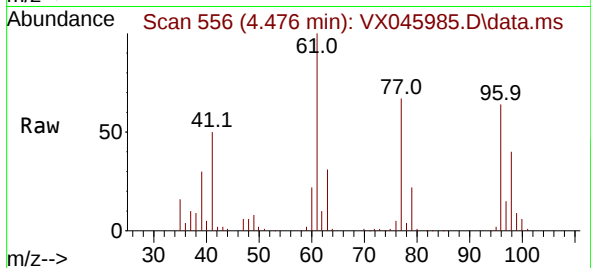
98 65.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#28

Bromochloromethane

Concen: 50.967 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

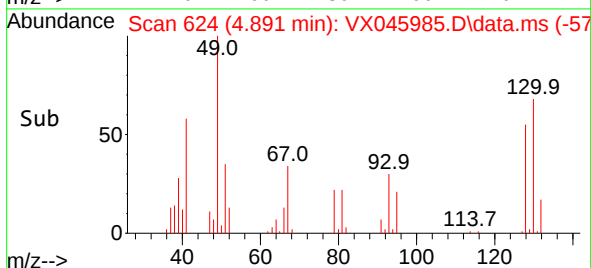
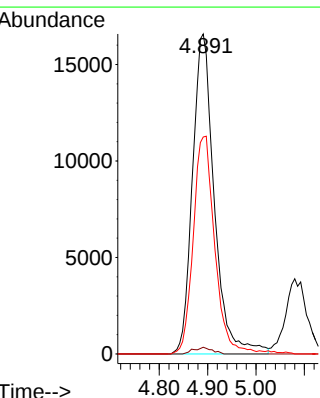
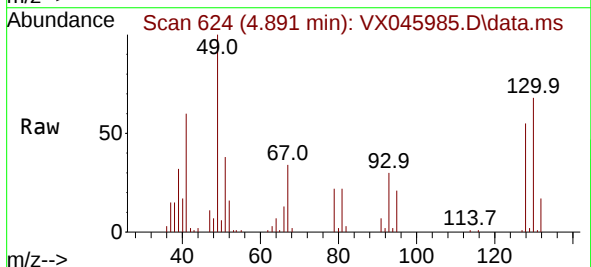
Tgt Ion: 49 Resp: 51886

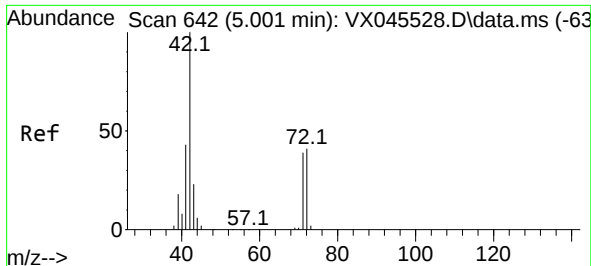
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 67.1 54.6 81.8





#29

Tetrahydrofuran

Concen: 277.150 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16397

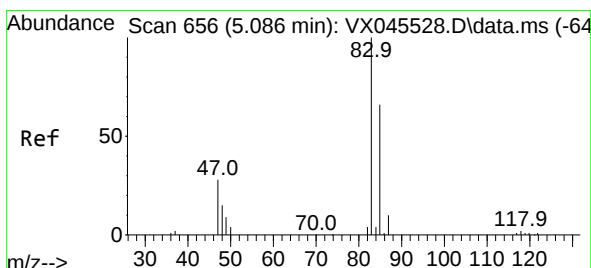
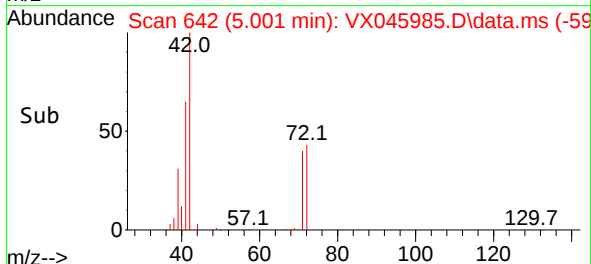
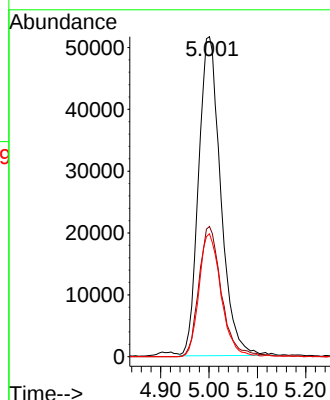
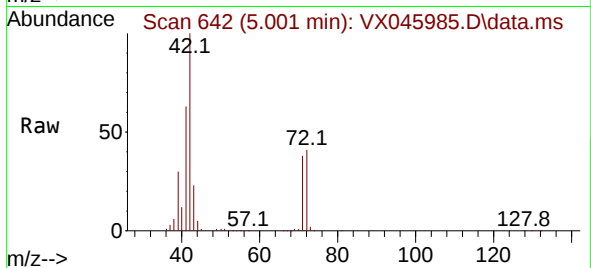
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	38.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#30

Chloroform

Concen: 56.460 ug/l

RT: 5.086 min Scan# 656

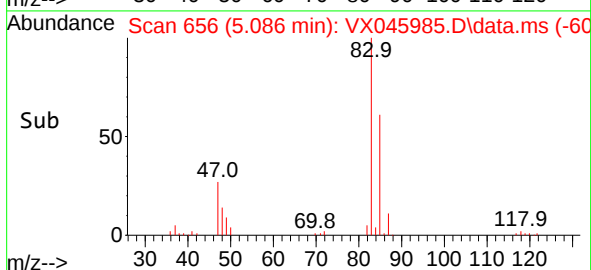
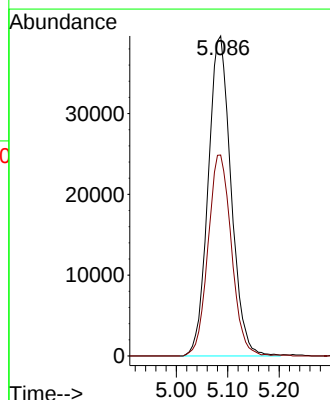
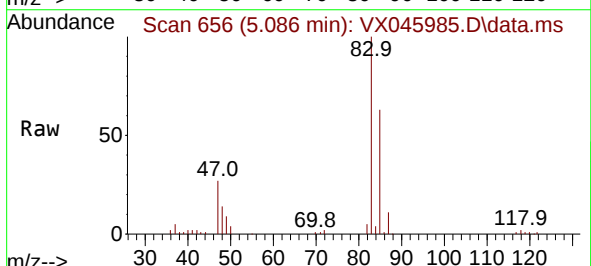
Delta R.T. -0.000 min

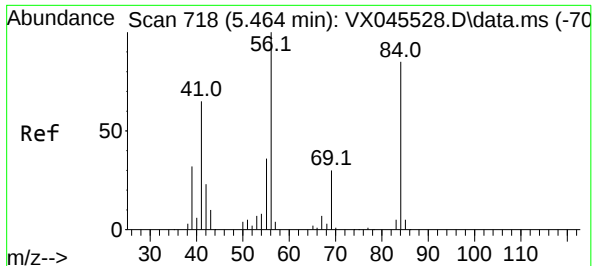
Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 122387

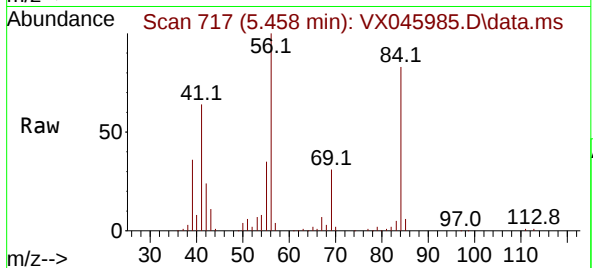
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.8	79.2





#31
Cyclohexane
Concen: 52.607 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

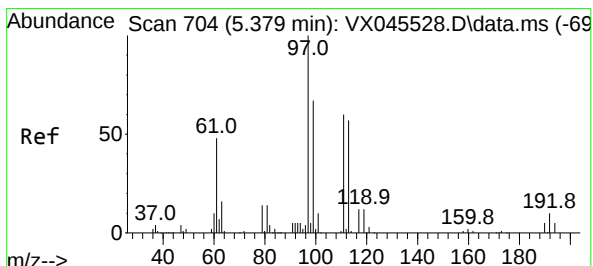
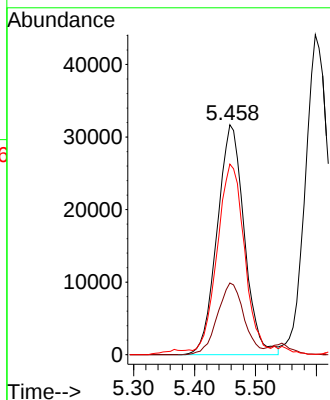
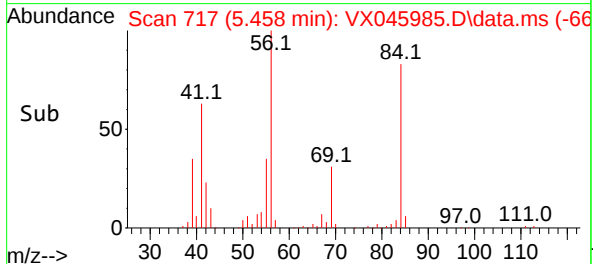
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



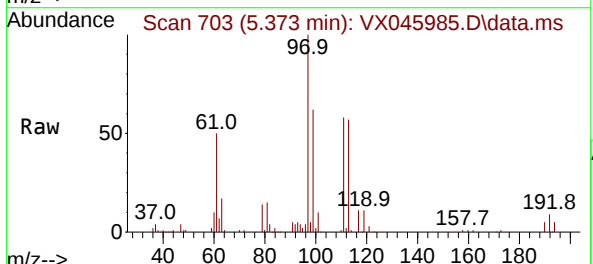
Tgt Ion: 56 Resp: 97974
Ion Ratio Lower Upper
56 100
69 31.2 23.6 35.4
84 81.0 67.7 101.5

Manual Integrations
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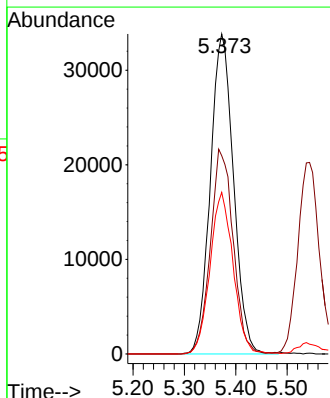
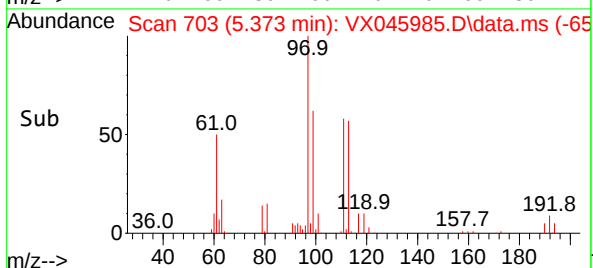
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

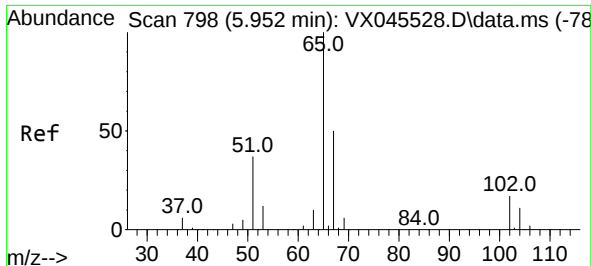


#32
1,1,1-Trichloroethane
Concen: 57.773 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



Tgt Ion: 97 Resp: 105967
Ion Ratio Lower Upper
97 100
99 62.8 51.7 77.5
61 50.4 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.349 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8099

Ion Ratio Lower Upper

65 100

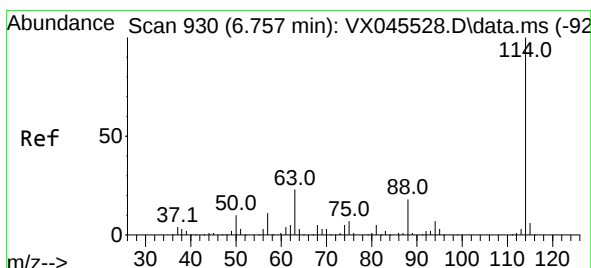
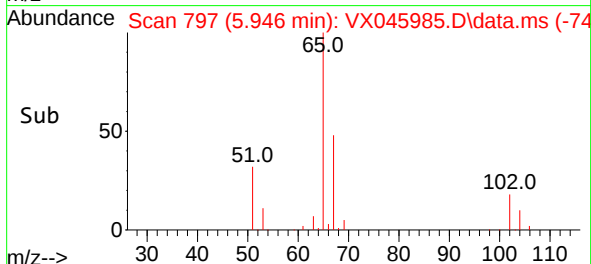
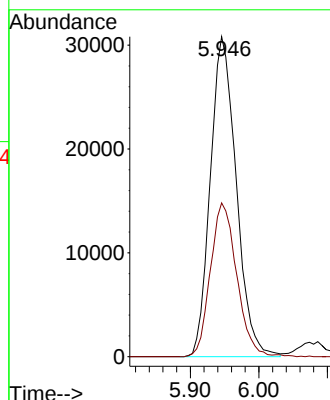
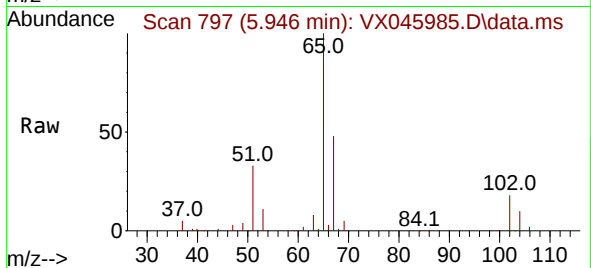
67 48.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

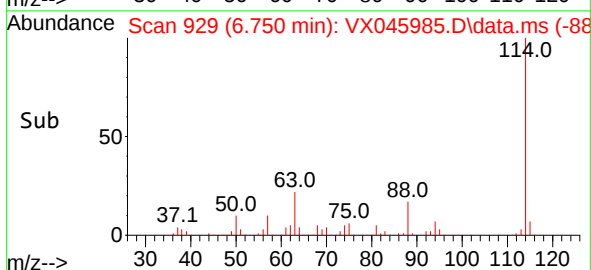
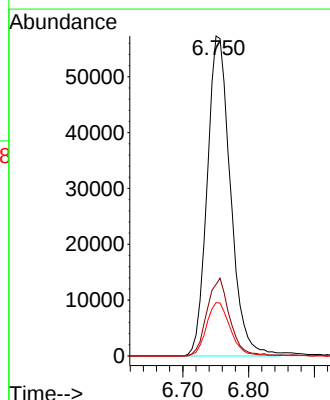
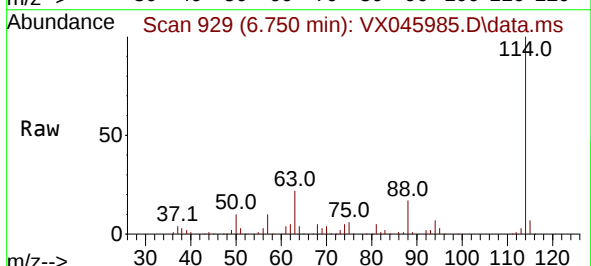
Tgt Ion:114 Resp: 141256

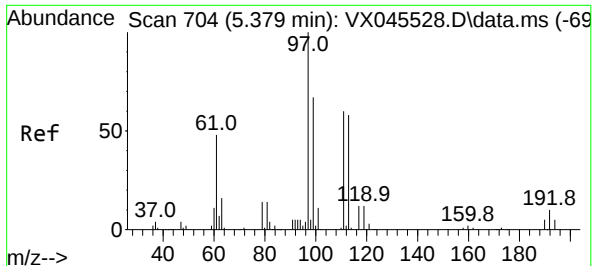
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.8

88 16.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 57.096 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 5722

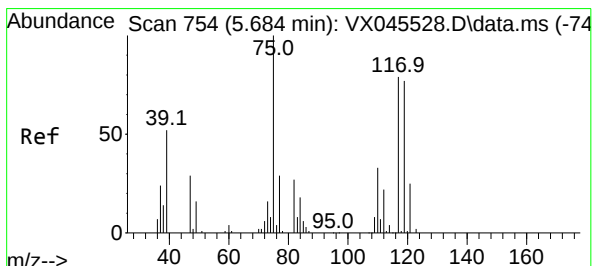
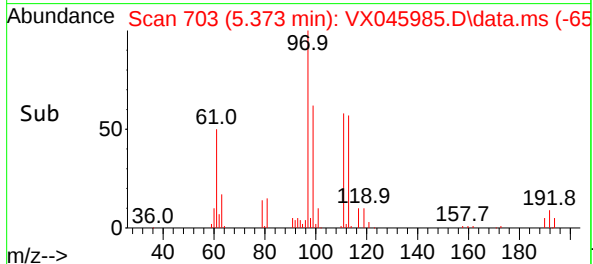
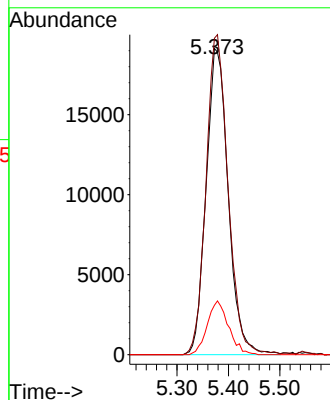
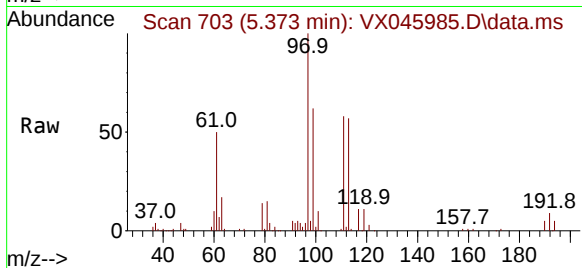
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	16.9	13.8	20.6

Manual Integrations

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Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#36

1,1-Dichloropropene

Concen: 57.008 ug/l

RT: 5.684 min Scan# 754

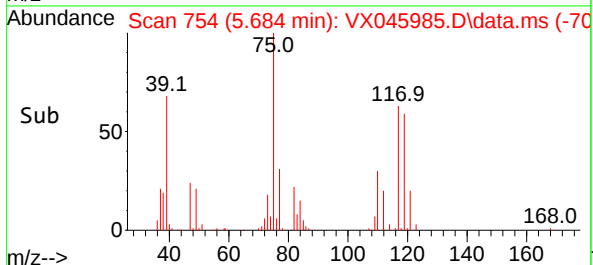
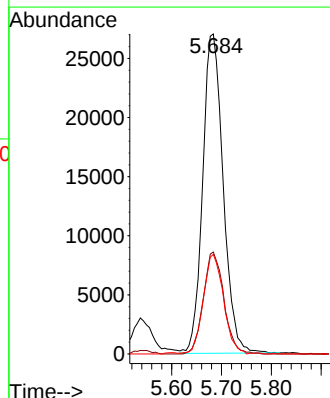
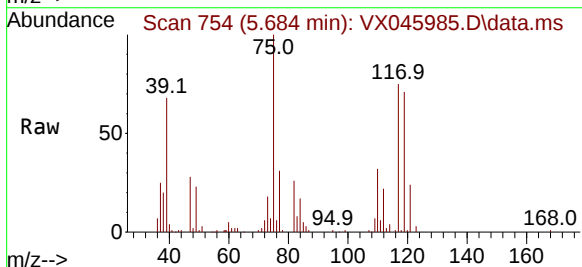
Delta R.T. -0.000 min

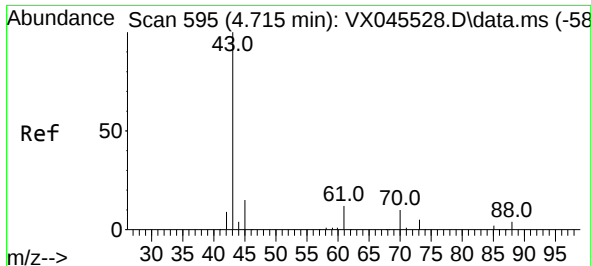
Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 77142

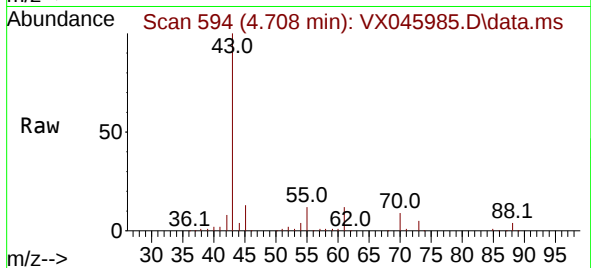
Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.9	50.6
77	30.1	25.0	37.4





#37
Ethyl Acetate
Concen: 55.982 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

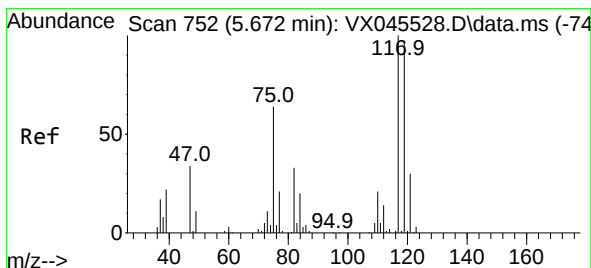
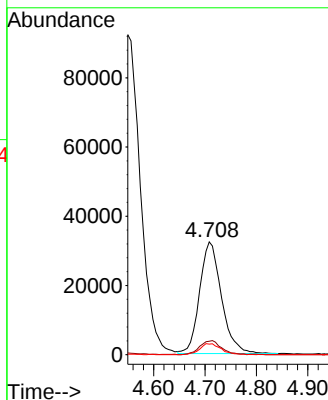
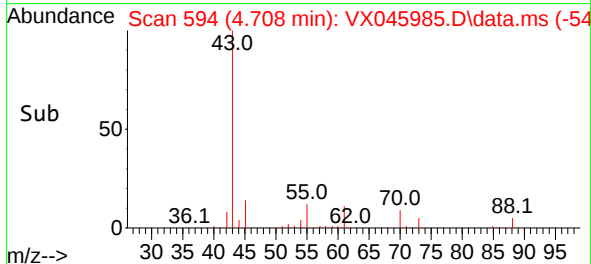
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9546
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 9.6 7.5 11.3

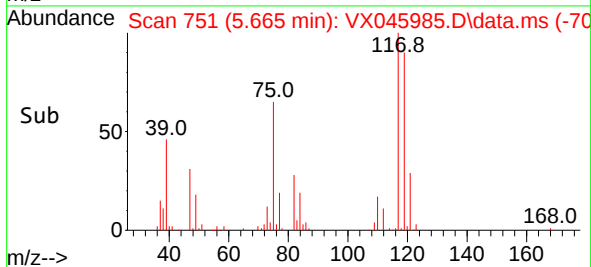
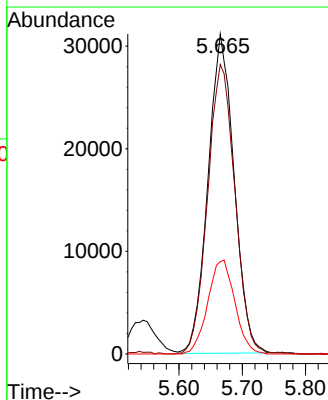
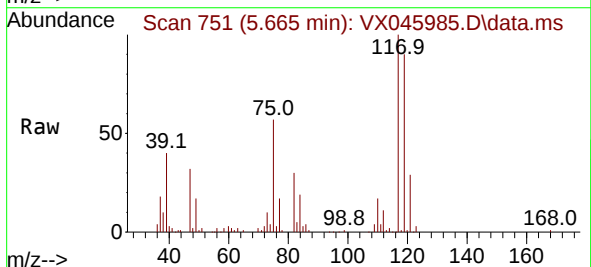
Manual Integrations
APPROVED

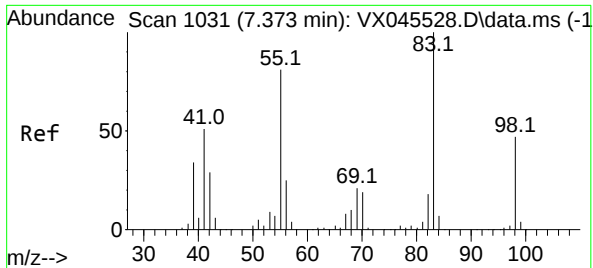
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#38
Carbon Tetrachloride
Concen: 61.020 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

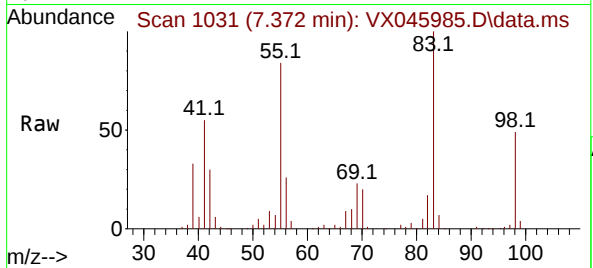
Tgt Ion:117 Resp: 89240
Ion Ratio Lower Upper
117 100
119 90.4 76.9 115.3
121 29.0 24.2 36.2





#39
Methylcyclohexane
Concen: 58.168 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

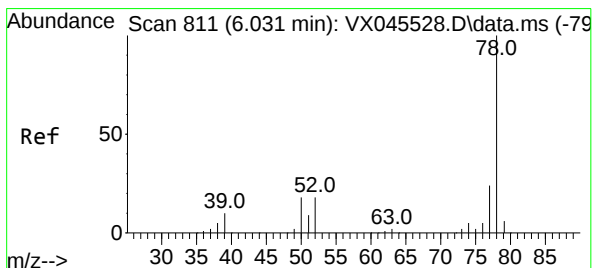
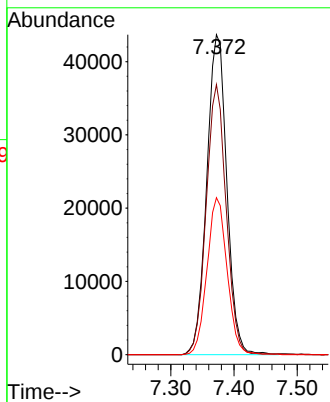
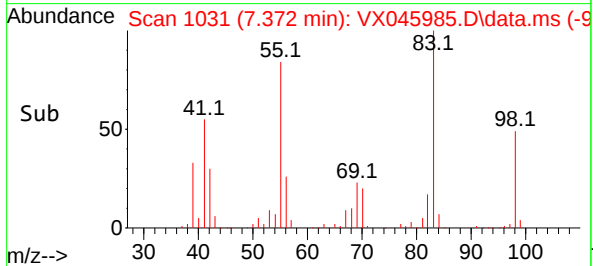
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 96485
Ion Ratio Lower Upper
83 100
55 84.4 64.9 97.3
98 49.0 37.4 56.0

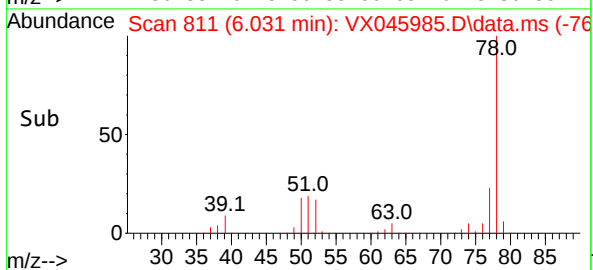
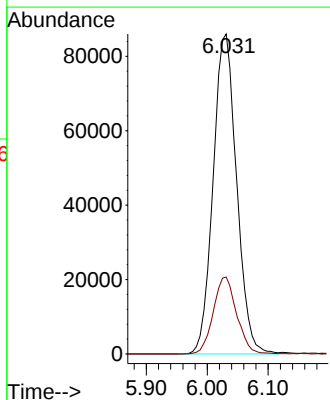
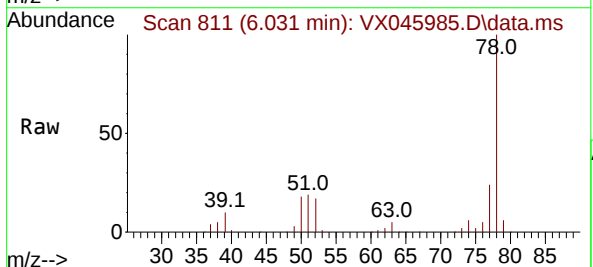
Manual Integrations
APPROVED

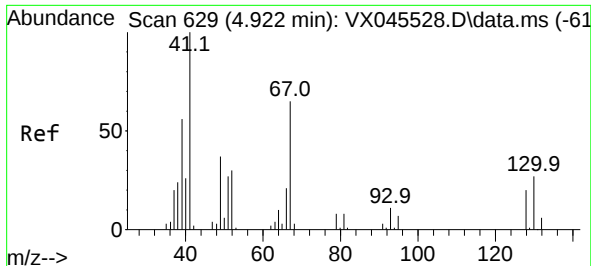
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#40
Benzene
Concen: 55.676 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

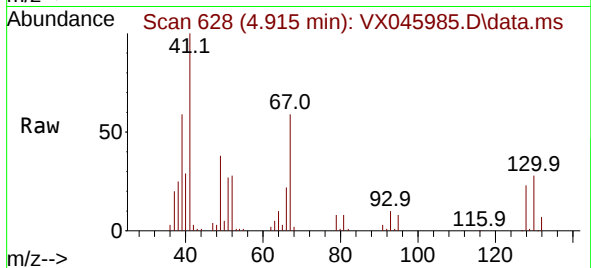
Tgt Ion: 78 Resp: 230095
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 61.444 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

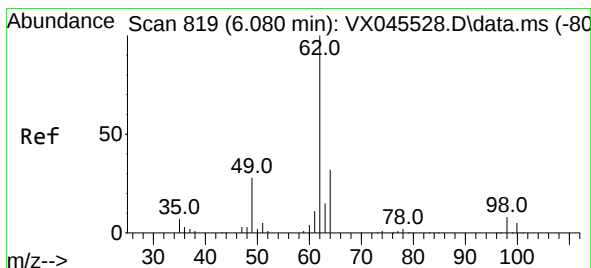
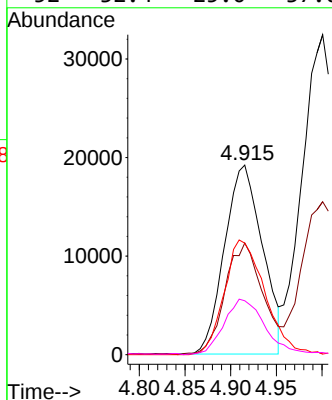
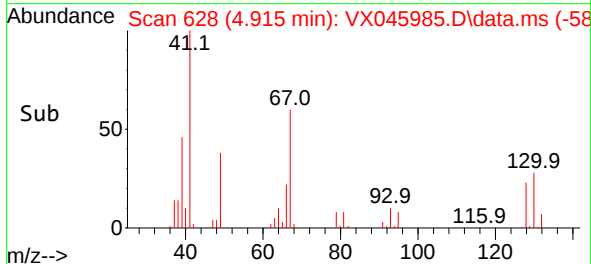
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5528
Ion Ratio Lower Upper
41 100
39 60.3 47.0 70.6
67 65.3 53.2 79.8
52 32.4 25.0 37.6

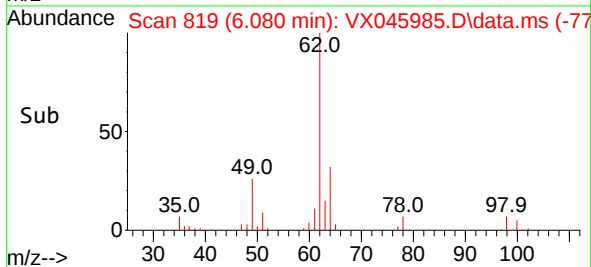
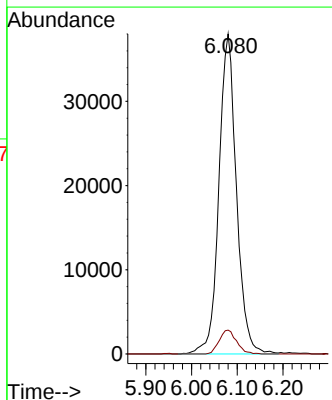
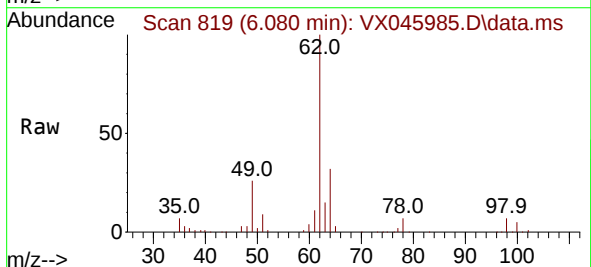
Manual Integrations
APPROVED

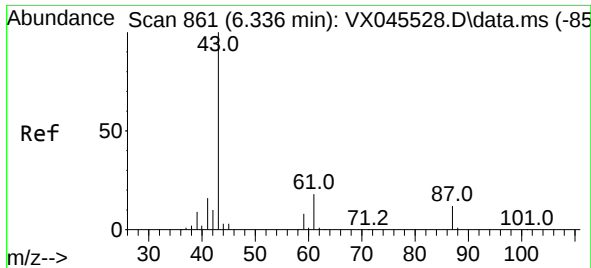
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 59.265 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

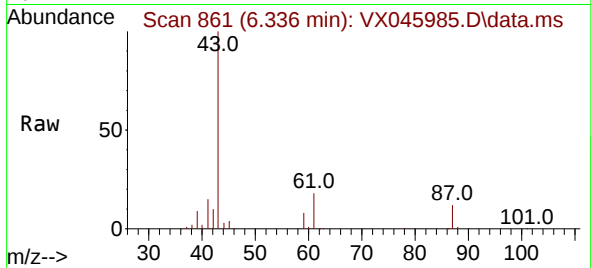
Tgt Ion: 62 Resp: 101162
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 59.187 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

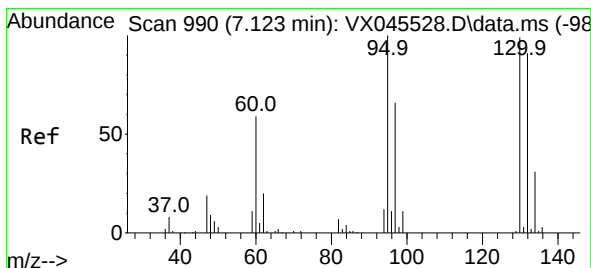
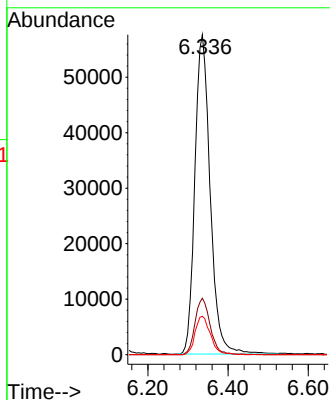
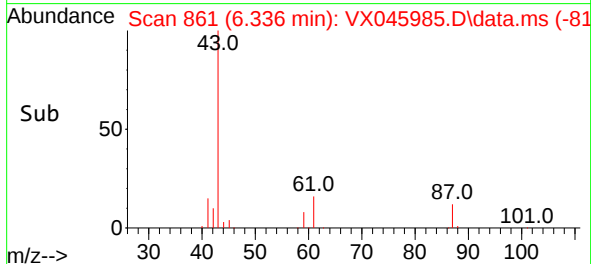
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



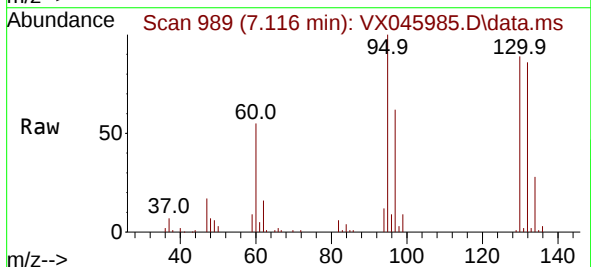
Tgt Ion: 43 Resp: 152979
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 12.0 9.2 13.8

Manual Integrations
APPROVED

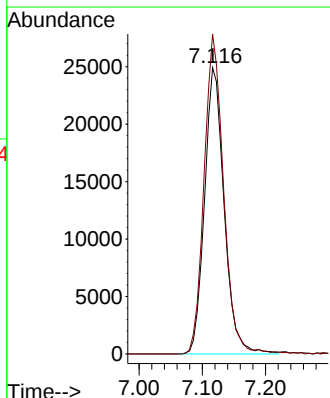
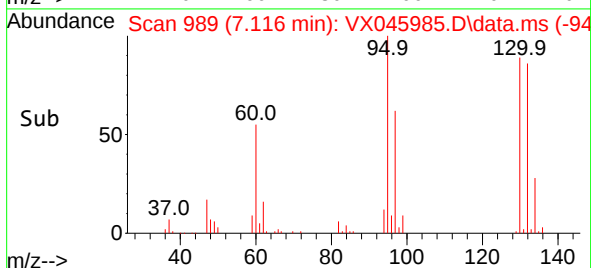
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

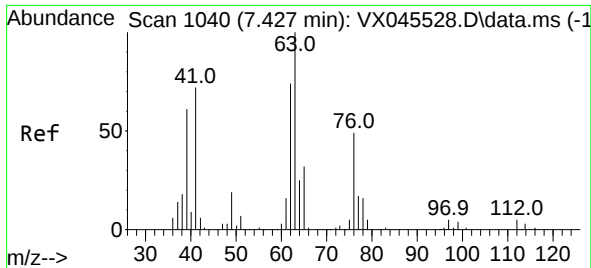


#44
Trichloroethene
Concen: 54.850 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



Tgt Ion:130 Resp: 53879
Ion Ratio Lower Upper
130 100
95 111.8 0.0 202.0





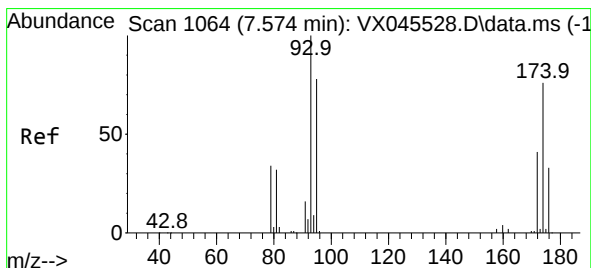
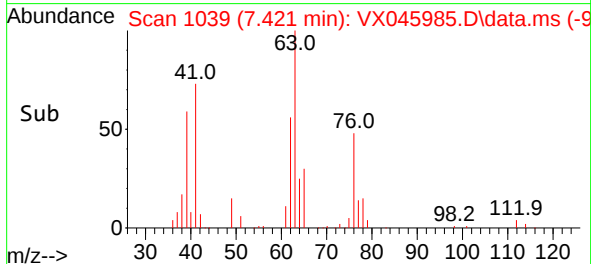
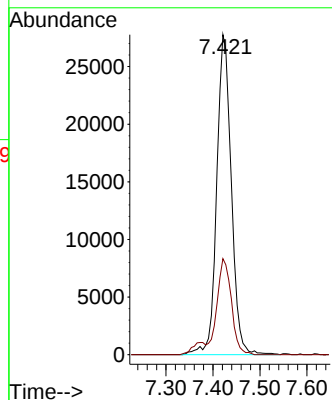
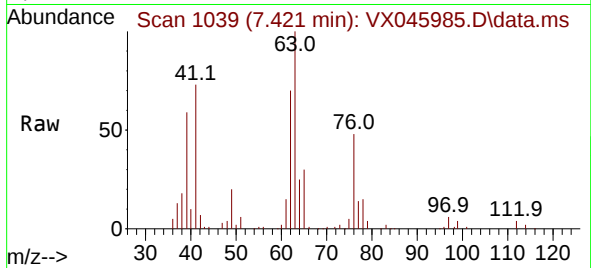
#45
1,2-Dichloropropane
Concen: 58.102 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5991
Ion Ratio Lower Upper
63 100
65 30.0 25.8 38.6

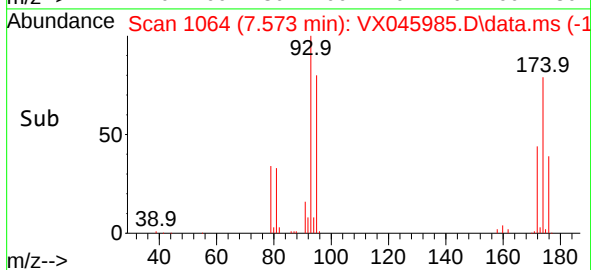
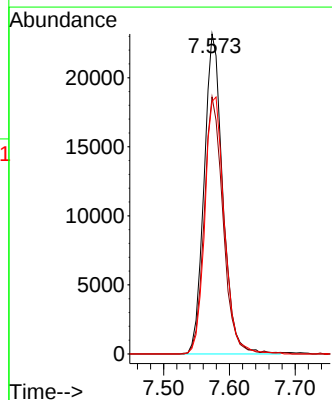
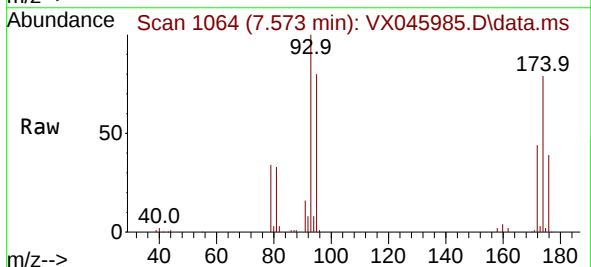
Manual Integrations
APPROVED

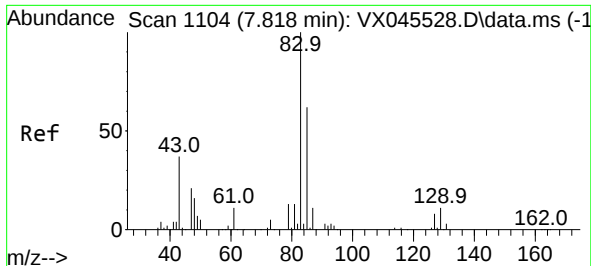
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#46
Dibromomethane
Concen: 57.812 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 93 Resp: 45762
Ion Ratio Lower Upper
93 100
95 80.7 64.8 97.2
174 83.8 65.4 98.0





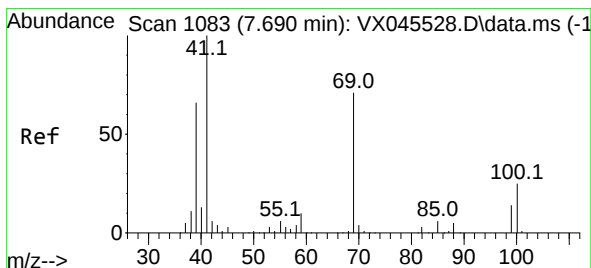
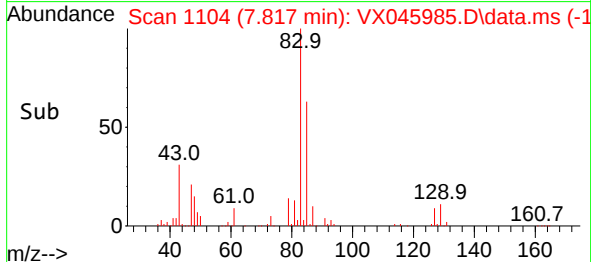
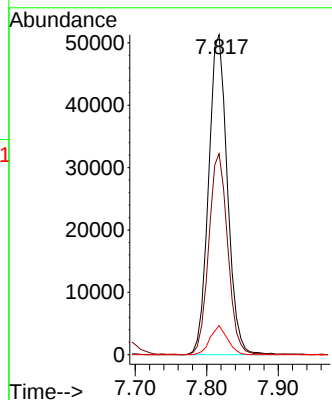
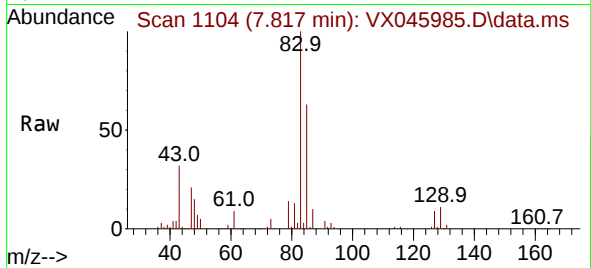
#47
Bromodichloromethane
Concen: 59.224 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9362
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 9.1 6.1 9.1

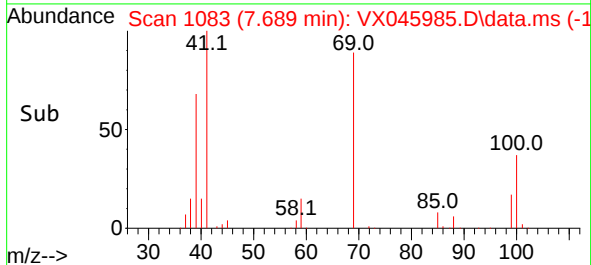
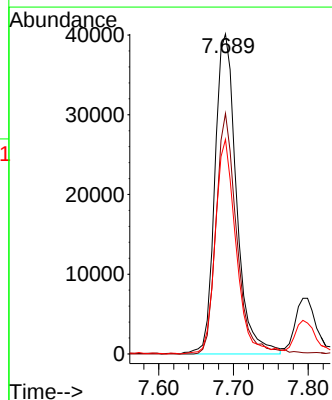
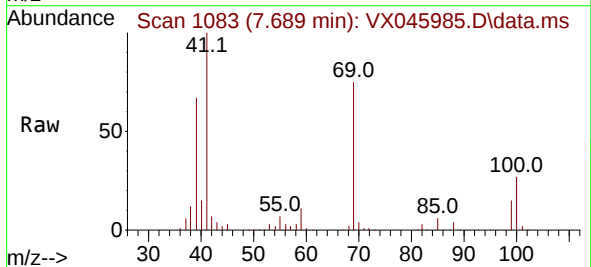
Manual Integrations
APPROVED

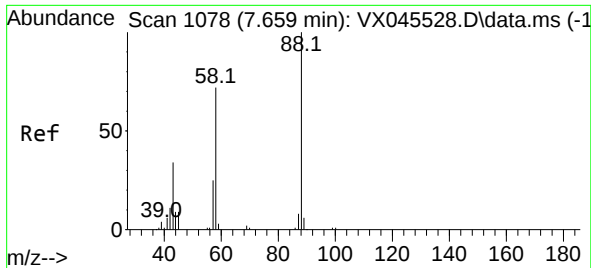
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#48
Methyl methacrylate
Concen: 60.322 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

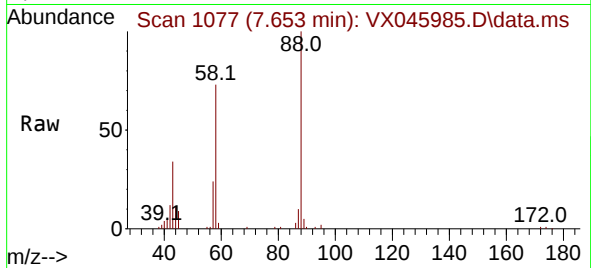
Tgt Ion: 41 Resp: 80498
Ion Ratio Lower Upper
41 100
69 71.7 58.2 87.2
39 65.0 53.6 80.4





#49
1,4-Dioxane
Concen: 1169.224 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

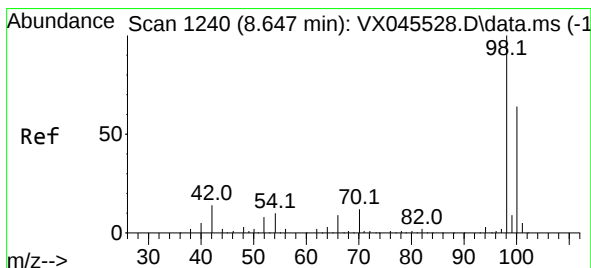
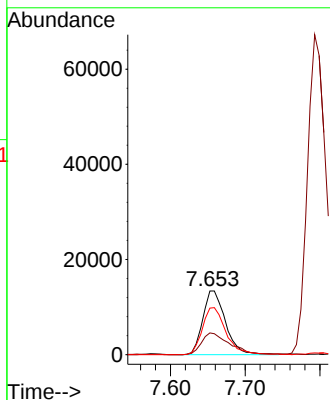
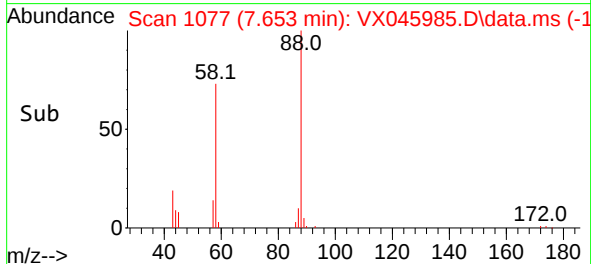
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28230
Ion Ratio Lower Upper
88 100
43 43.0 32.2 48.4
58 76.3 58.6 88.0

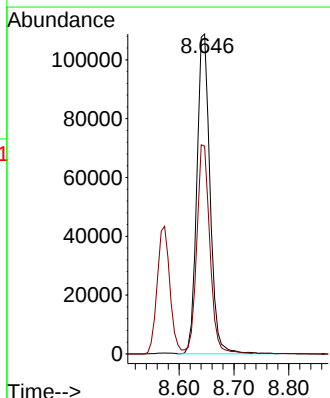
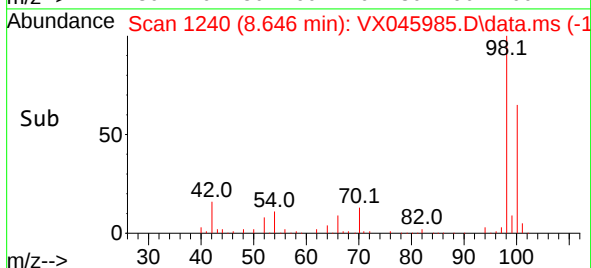
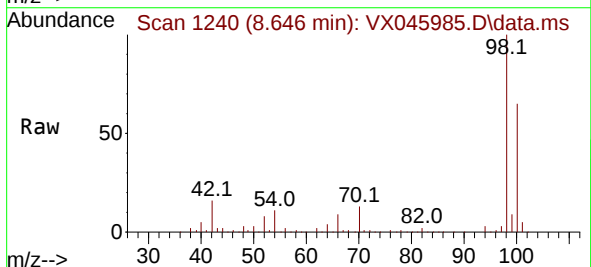
Manual Integrations
APPROVED

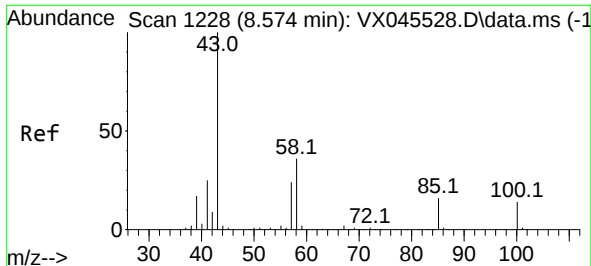
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.954 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 98 Resp: 181740
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





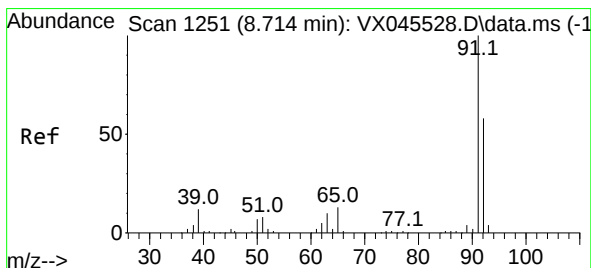
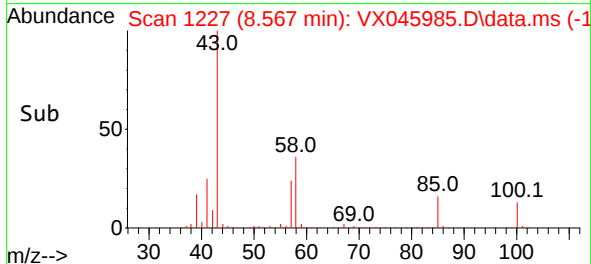
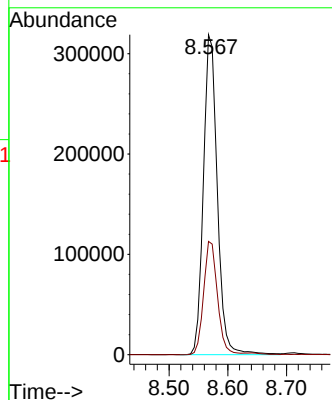
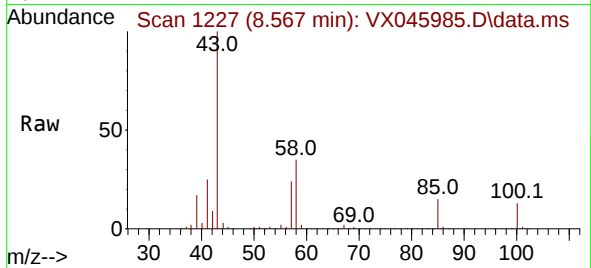
#51
4-Methyl-2-Pentanone
Concen: 305.494 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 523428
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

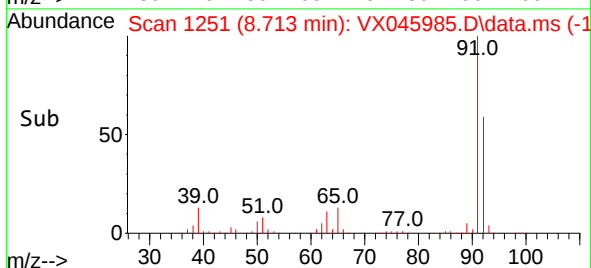
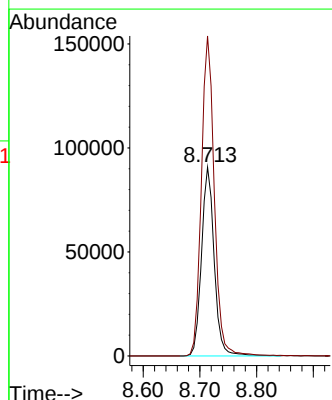
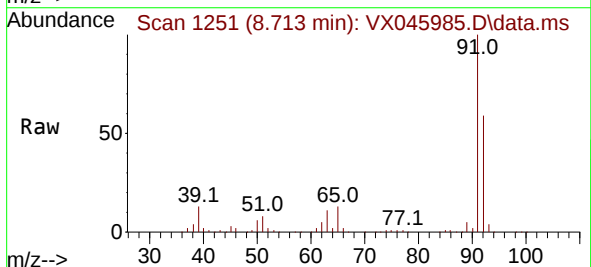
Manual Integrations
APPROVED

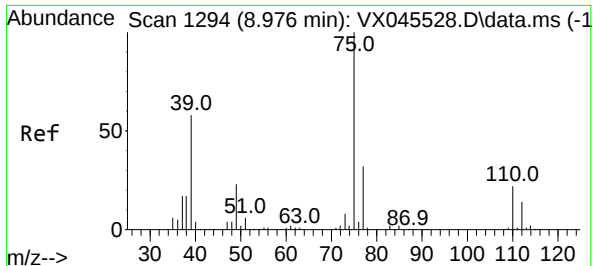
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 56.589 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 92 Resp: 141515
Ion Ratio Lower Upper
92 100
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 54.959 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 83909

Ion Ratio Lower Upper

75 100

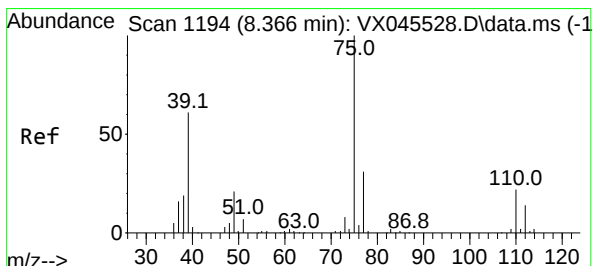
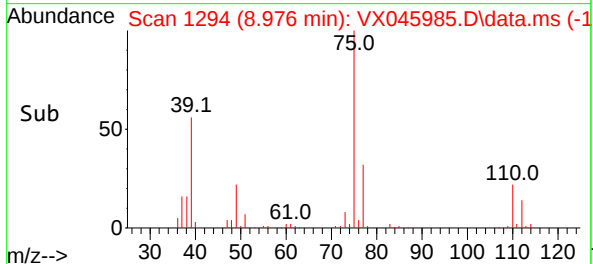
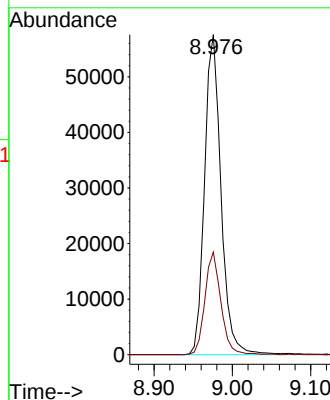
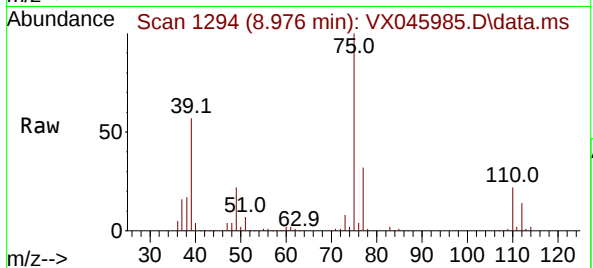
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#54

cis-1,3-Dichloropropene

Concen: 62.882 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

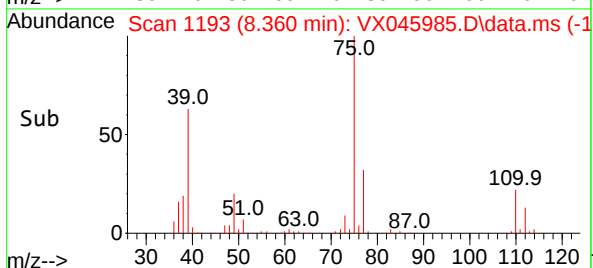
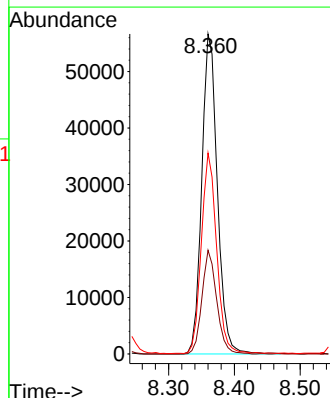
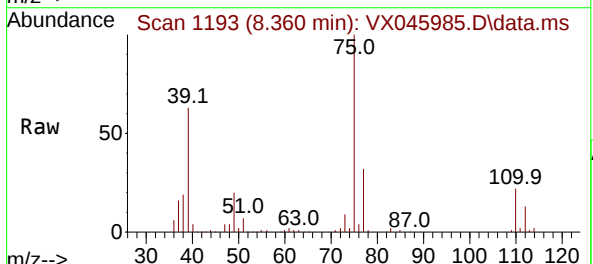
Tgt Ion: 75 Resp: 93412

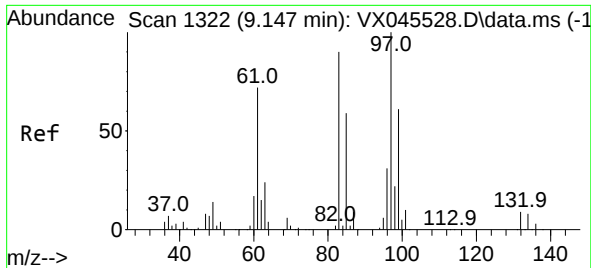
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

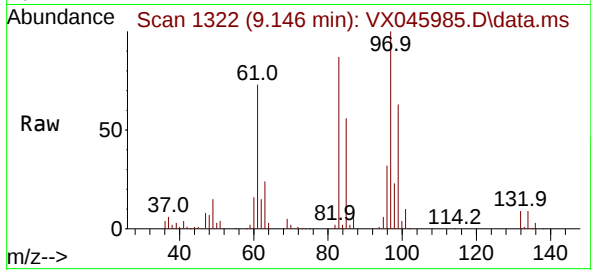
39 62.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 57.923 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

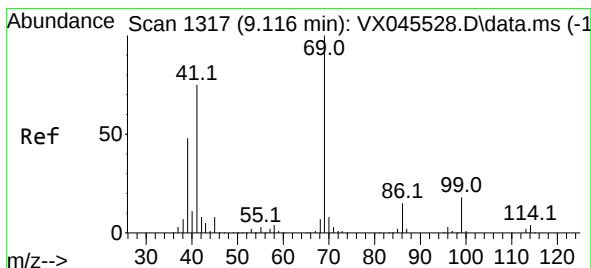
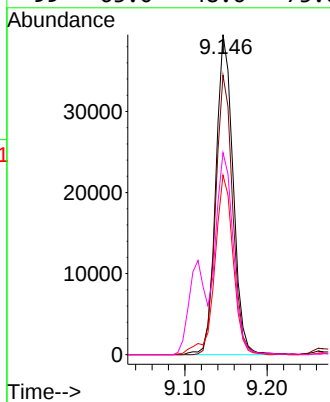
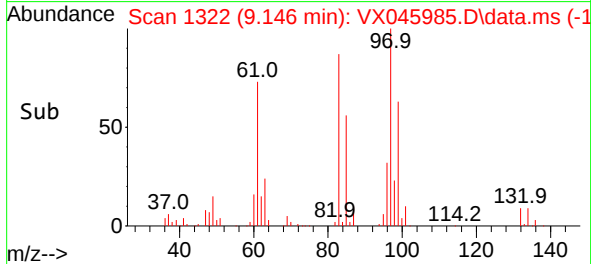
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 5772
Ion Ratio Lower Upper
97 100
83 87.4 71.8 107.8
85 55.9 47.0 70.6
99 63.0 48.6 73.0

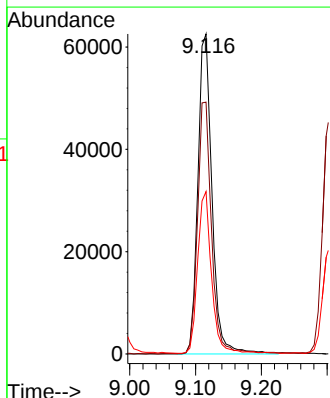
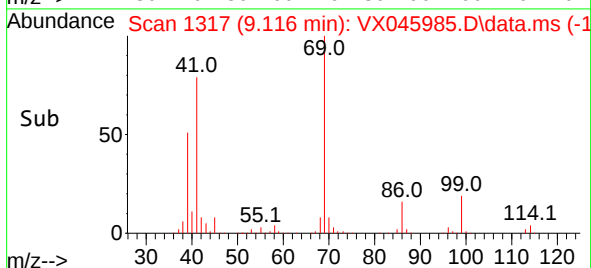
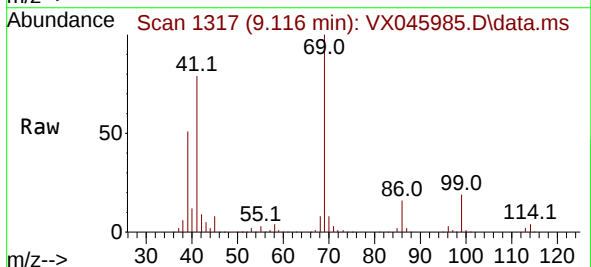
Manual Integrations
APPROVED

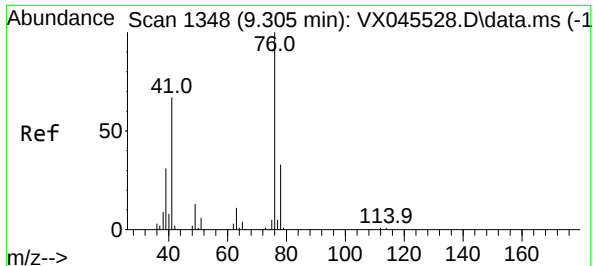
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#56
Ethyl methacrylate
Concen: 60.478 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 69 Resp: 93271
Ion Ratio Lower Upper
69 100
41 77.5 61.3 91.9
39 49.8 40.2 60.2





#57

1,3-Dichloropropane

Concen: 58.340 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10123

Ion Ratio Lower Upper

76 100

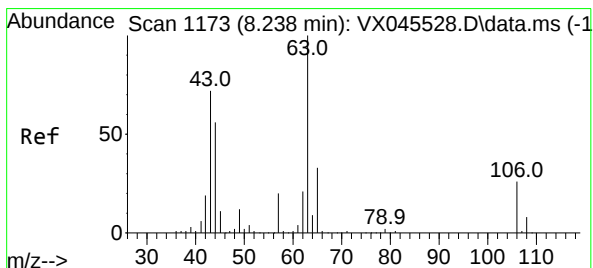
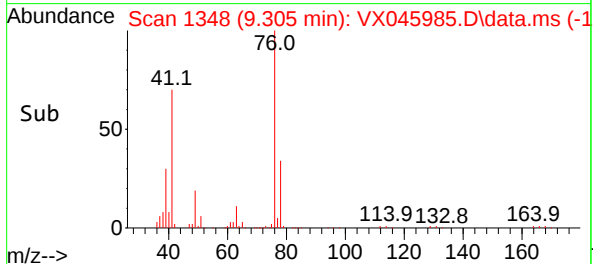
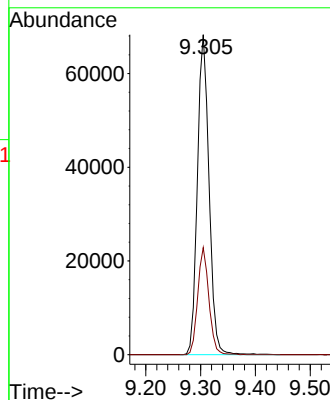
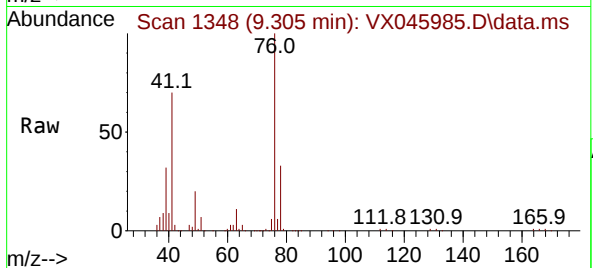
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 289.158 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045985.D

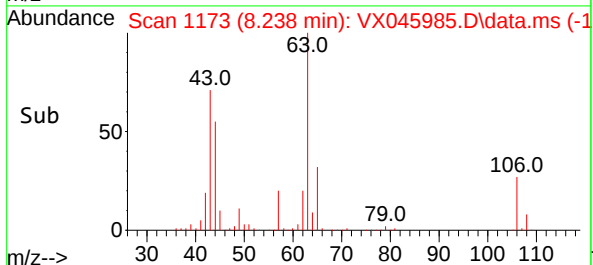
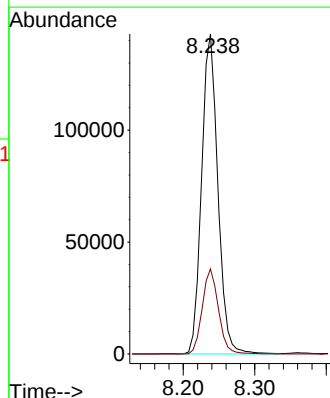
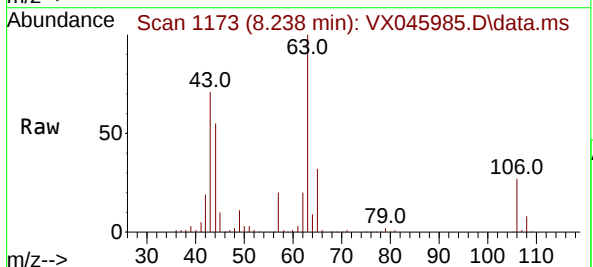
Acq: 30 Apr 2025 10:01

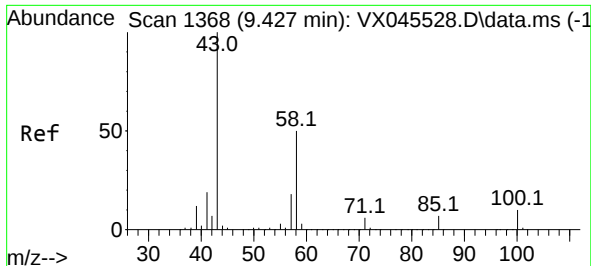
Tgt Ion: 63 Resp: 225591

Ion Ratio Lower Upper

63 100

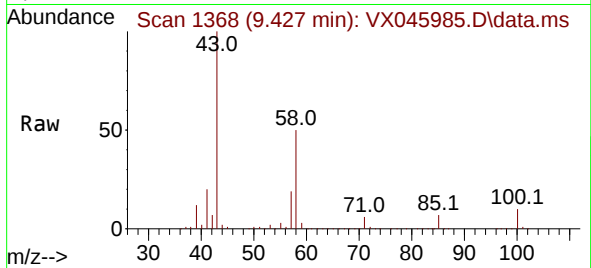
106 26.4 21.0 31.6





#59
2-Hexanone
Concen: 303.451 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

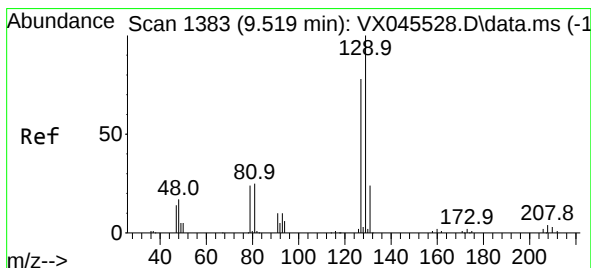
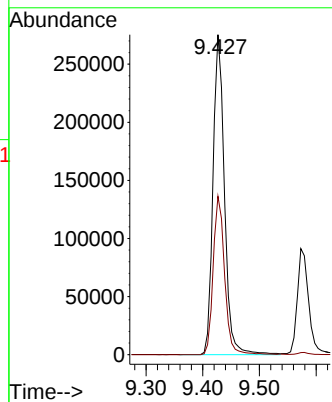
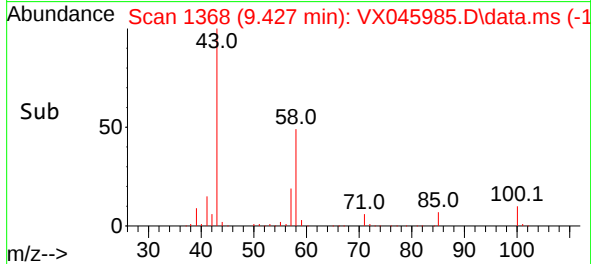
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 385019
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

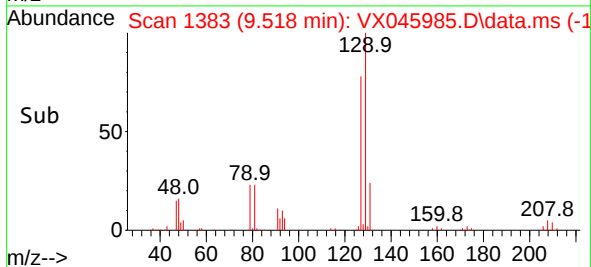
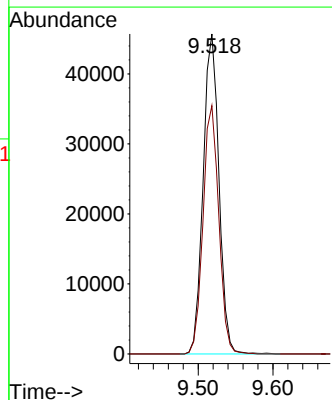
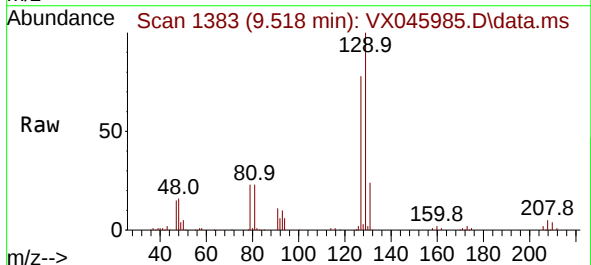
Manual Integrations
APPROVED

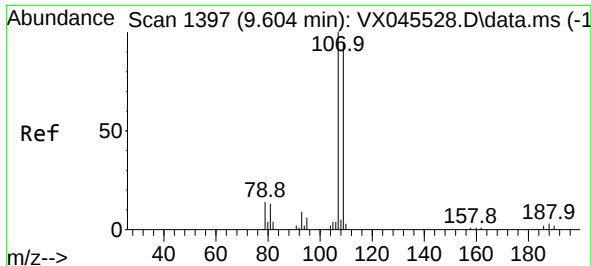
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 61.693 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

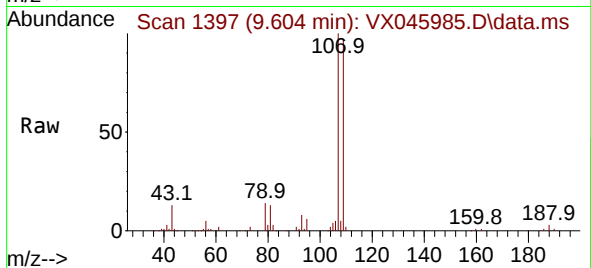
Tgt Ion:129 Resp: 67023
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 58.989 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

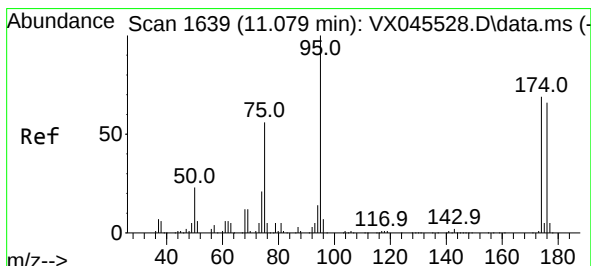
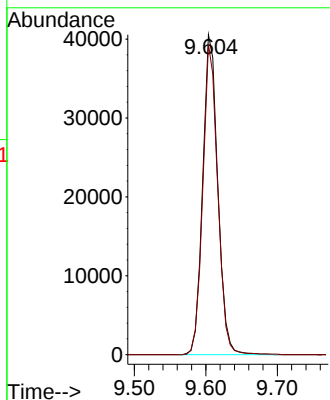
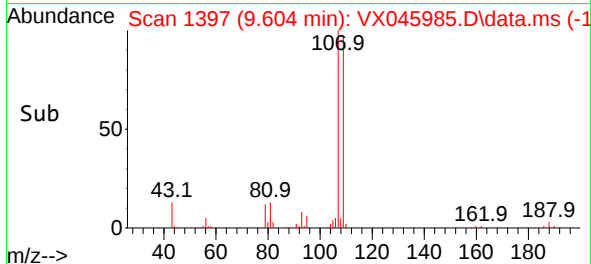
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



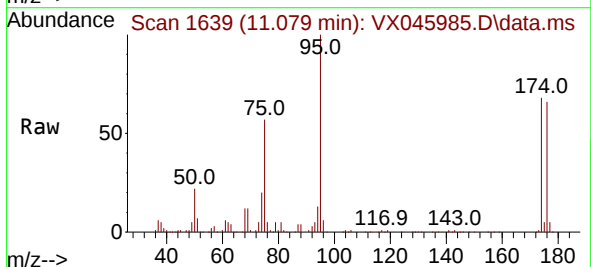
Tgt Ion:107 Resp: 59500
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5

Manual Integrations
APPROVED

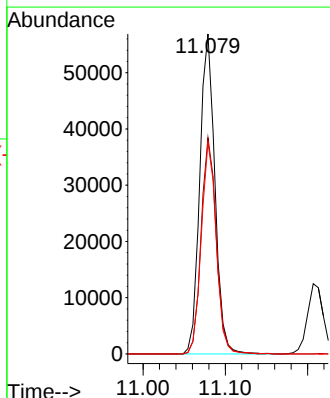
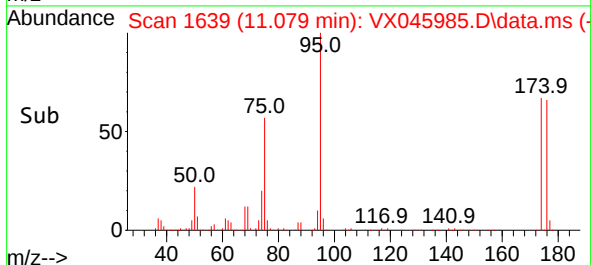
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

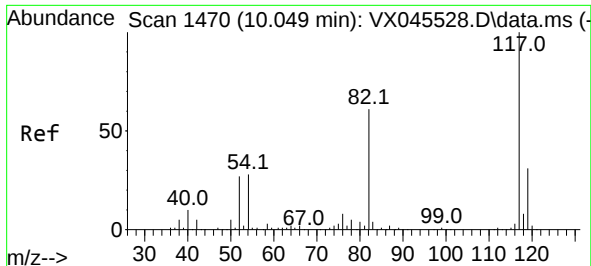


#62
4-Bromofluorobenzene
Concen: 56.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



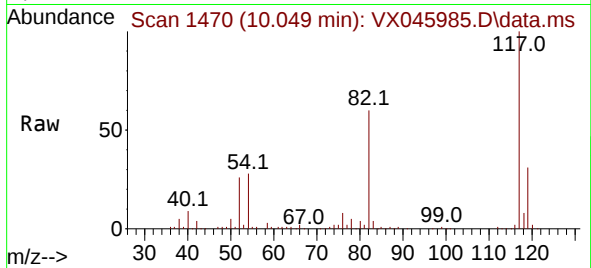
Tgt Ion: 95 Resp: 72535
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

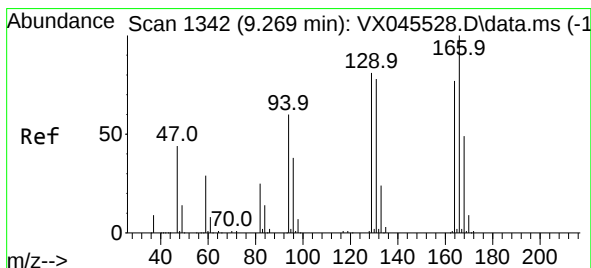
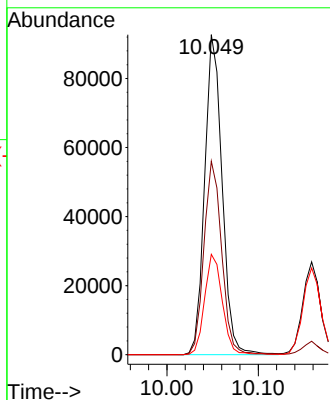
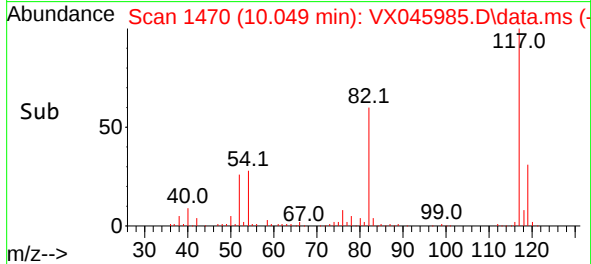
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 122754
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.3 25.1 37.7

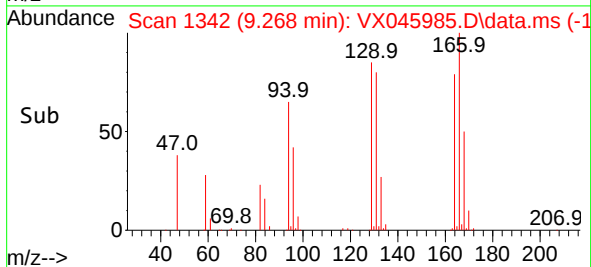
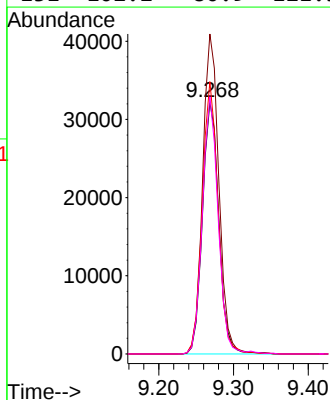
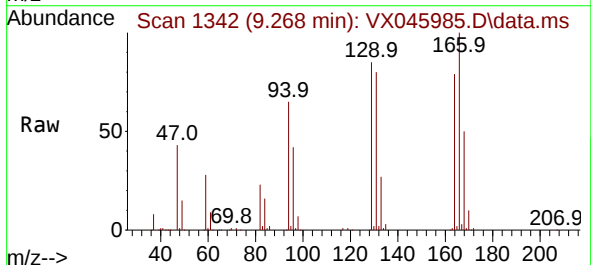
Manual Integrations
APPROVED

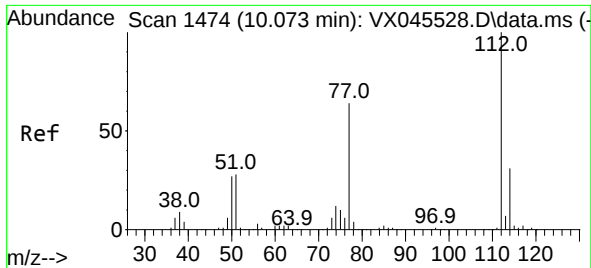
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#64
Tetrachloroethene
Concen: 56.324 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

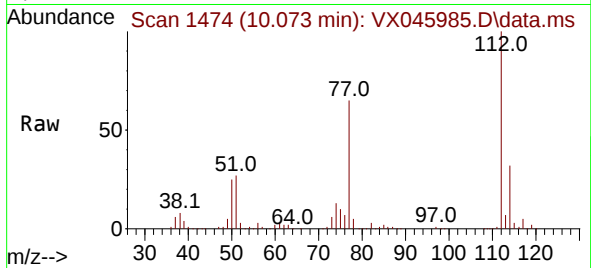
Tgt Ion:164 Resp: 48815
Ion Ratio Lower Upper
164 100
166 127.0 103.8 155.8
129 108.1 84.3 126.5
131 102.2 80.9 121.3





#65
Chlorobenzene
Concen: 58.288 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

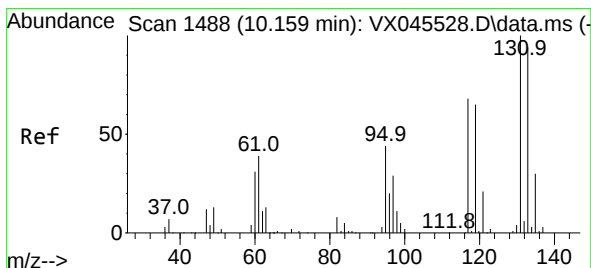
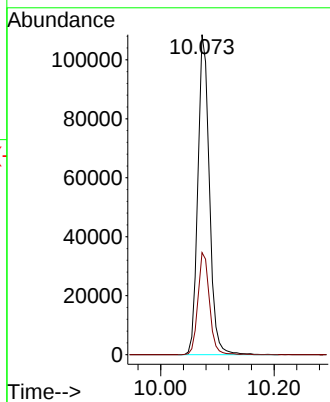
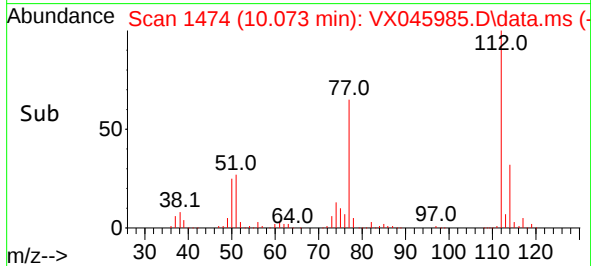
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 15289
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

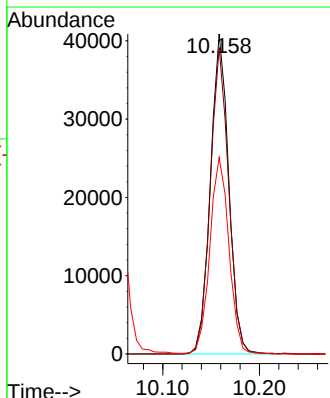
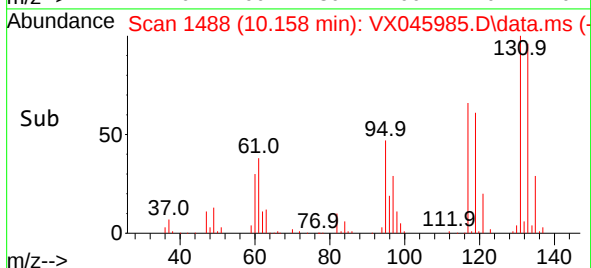
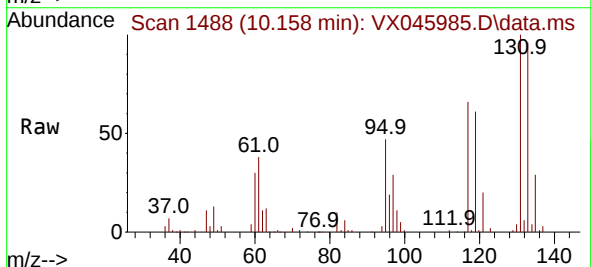
Manual Integrations
APPROVED

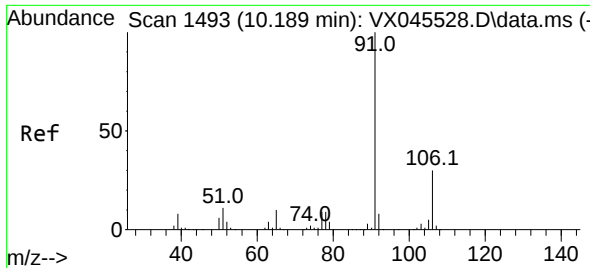
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 59.035 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

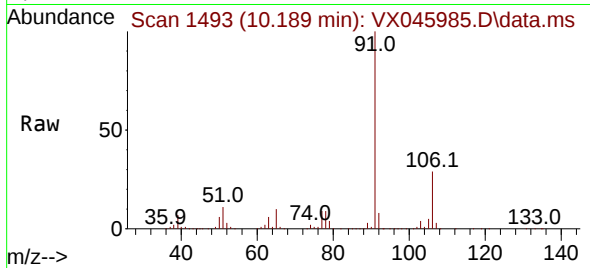
Tgt Ion:131 Resp: 53762
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 64.1 32.9 98.6





#67
Ethyl Benzene
Concen: 59.031 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

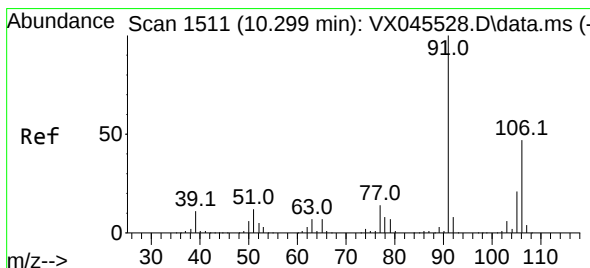
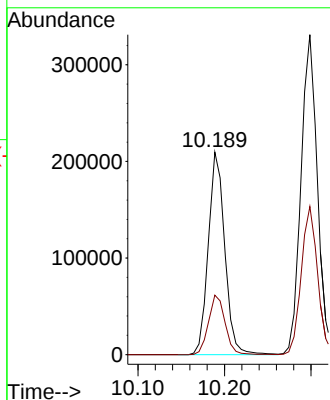
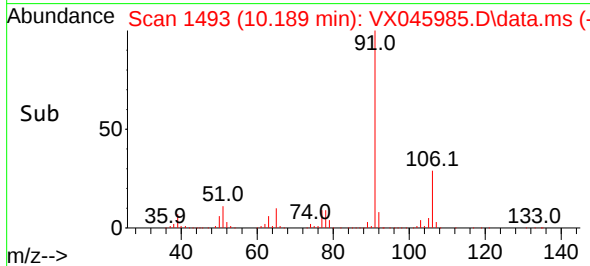
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



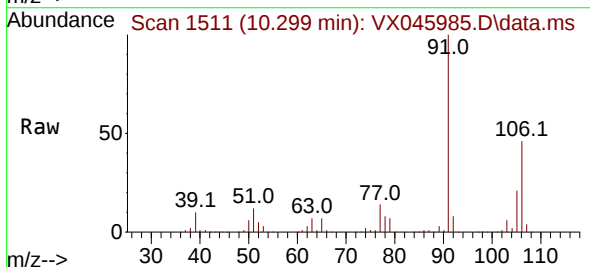
Tgt Ion: 91 Resp: 27732
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

Manual Integrations
APPROVED

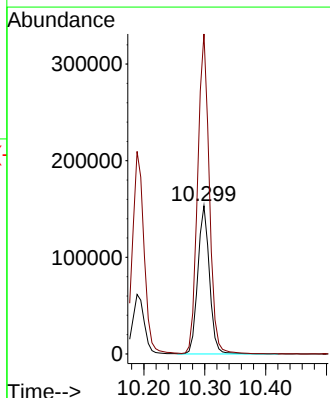
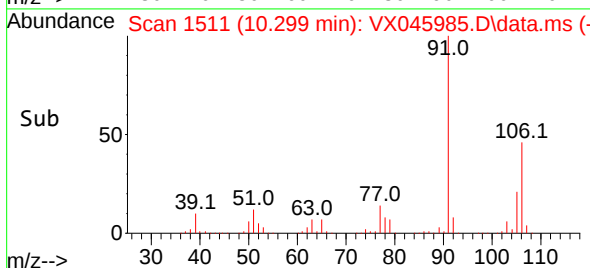
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

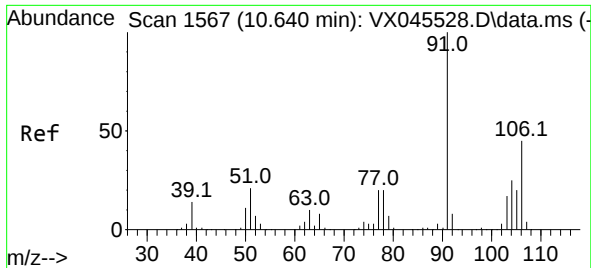


#68
m/p-Xylenes
Concen: 118.999 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



Tgt Ion:106 Resp: 203329
Ion Ratio Lower Upper
106 100
91 215.7 172.6 258.8





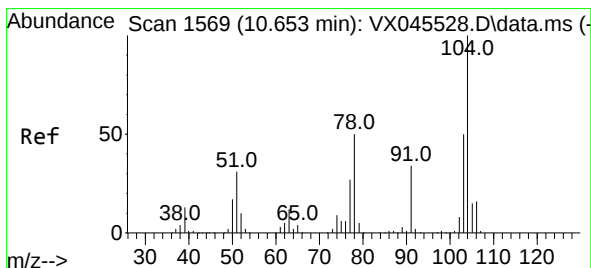
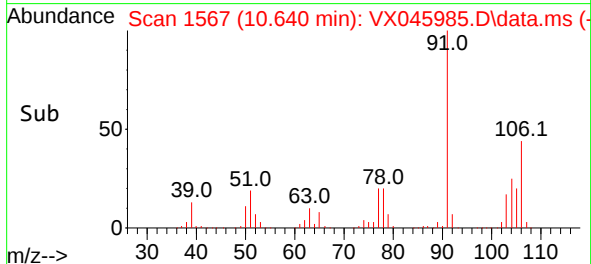
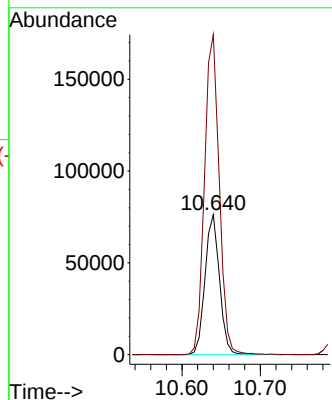
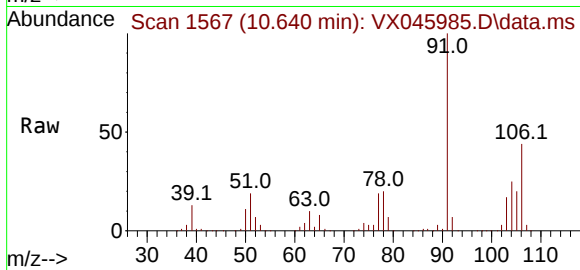
#69
o-Xylene
Concen: 58.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 97759
Ion Ratio Lower Upper
106 100
91 233.4 113.6 340.6

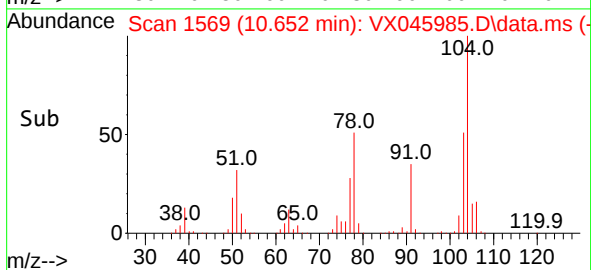
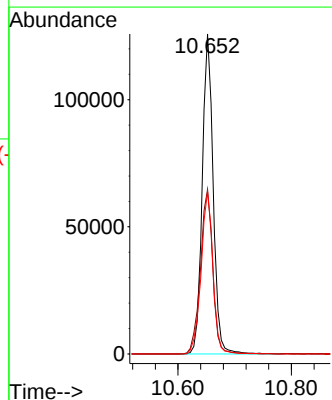
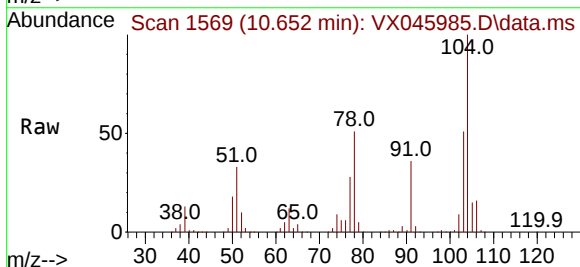
Manual Integrations
APPROVED

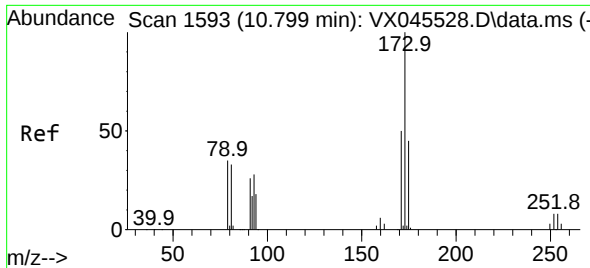
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 60.482 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

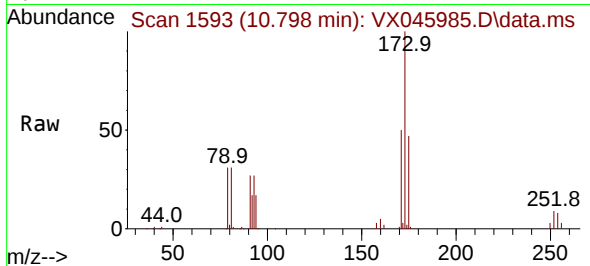
Tgt Ion:104 Resp: 168026
Ion Ratio Lower Upper
104 100
78 58.0 45.4 68.2
103 55.5 43.8 65.8





#71
Bromoform
Concen: 64.339 ug/l
RT: 10.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

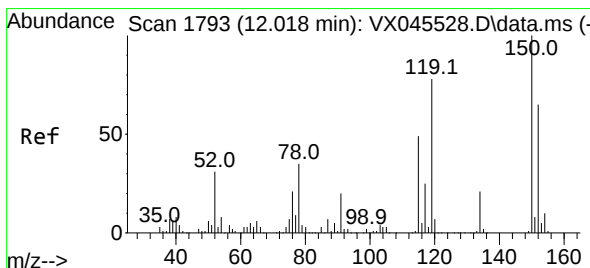
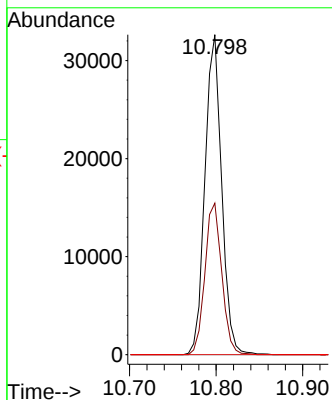
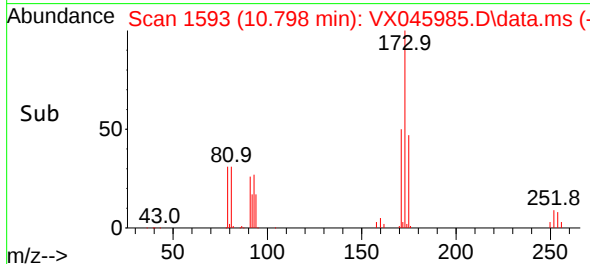
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 43749
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.2
254 0.0 0.0 0.0

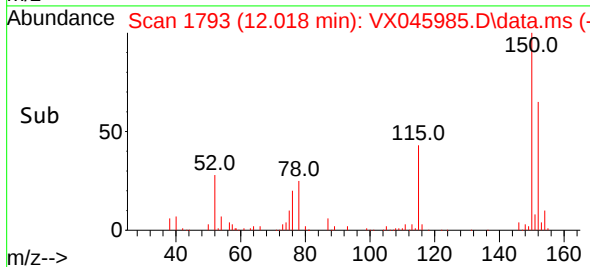
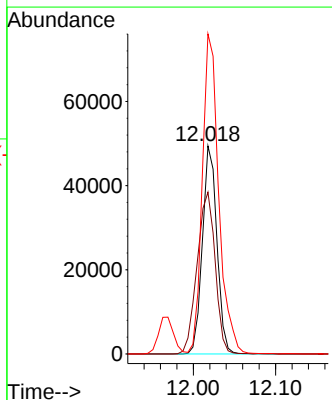
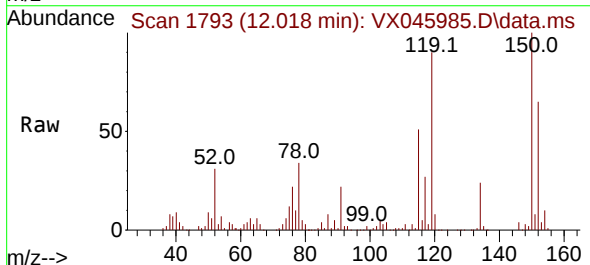
Manual Integrations
APPROVED

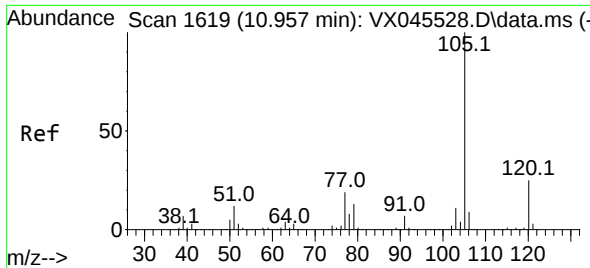
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

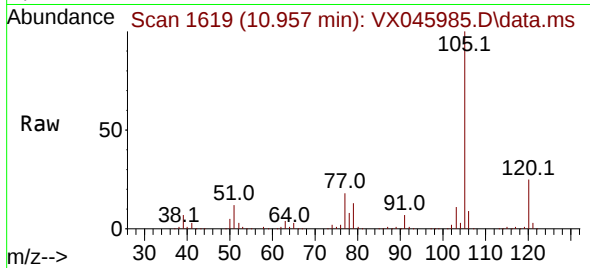
Tgt Ion:152 Resp: 60558
Ion Ratio Lower Upper
152 100
115 96.6 46.9 140.7
150 174.3 0.0 349.4





#73
Isopropylbenzene
Concen: 55.748 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

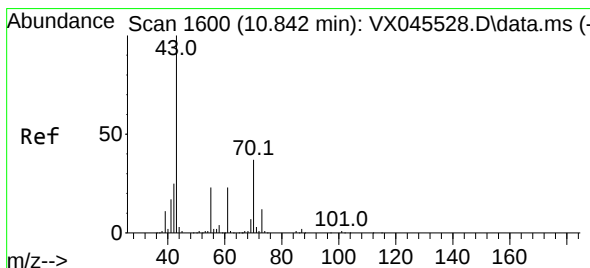
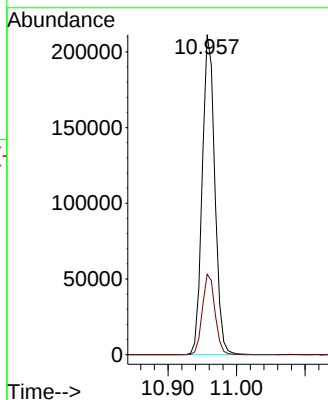
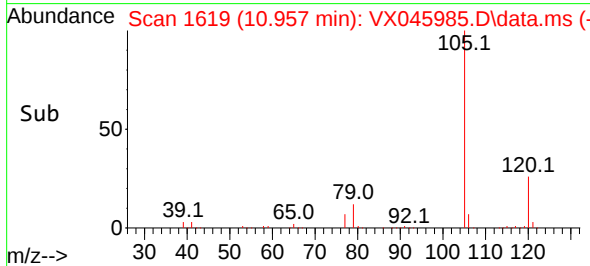
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



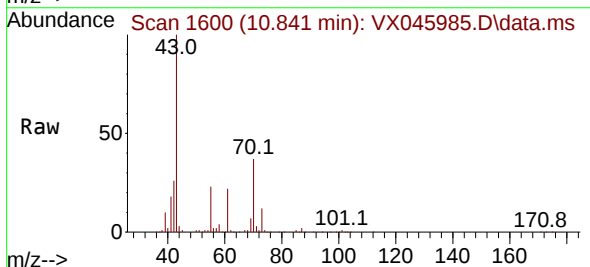
Tgt Ion:105 Resp: 27042
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

Manual Integrations
APPROVED

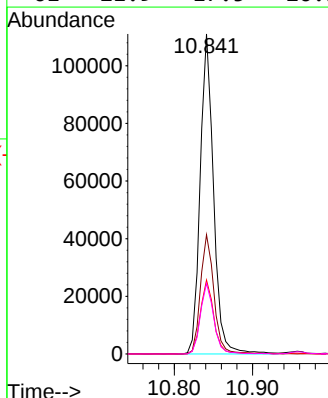
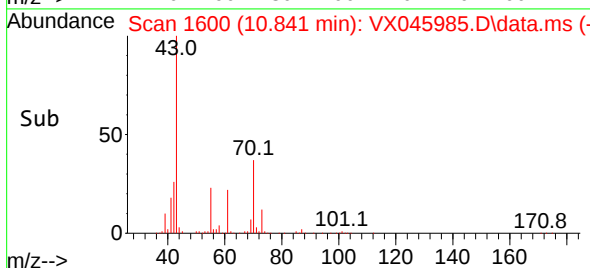
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

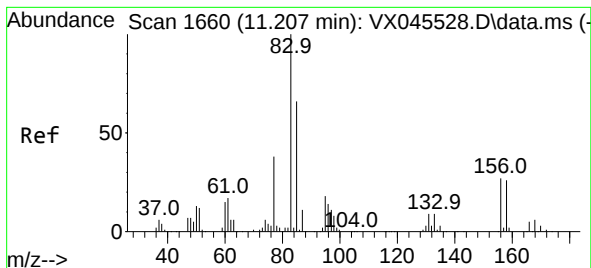


#74
N-ethyl acetate
Concen: 56.782 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



Tgt Ion: 43 Resp: 131755
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 23.4 18.3 27.5
61 21.9 17.5 26.3





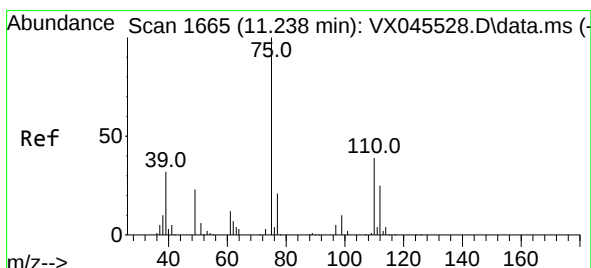
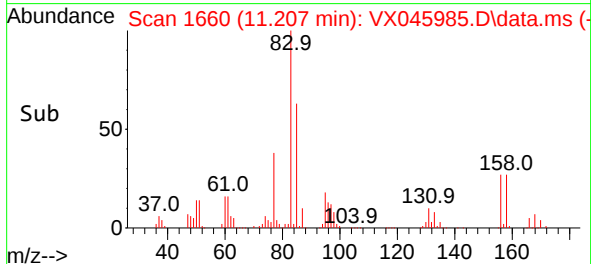
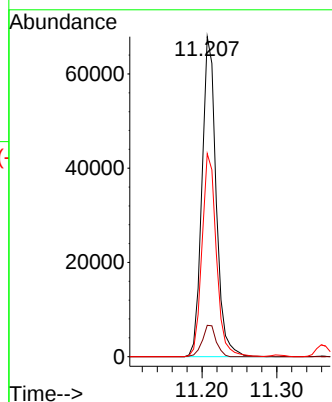
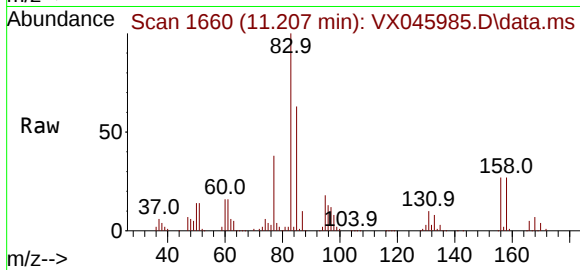
#75
1,1,2,2-Tetrachloroethane
Concen: 52.449 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8937
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.3 32.4 97.2

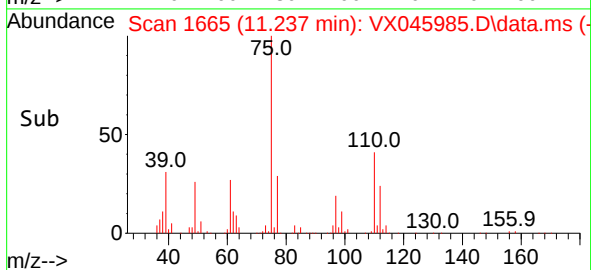
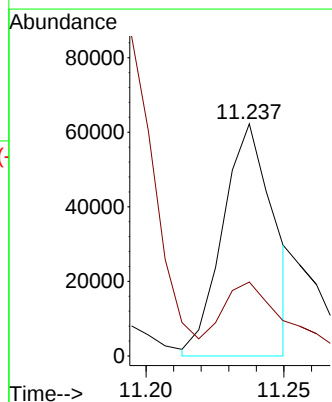
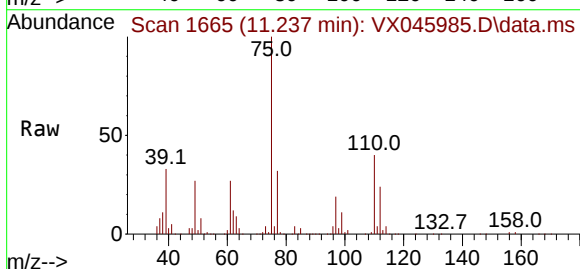
Manual Integrations
APPROVED

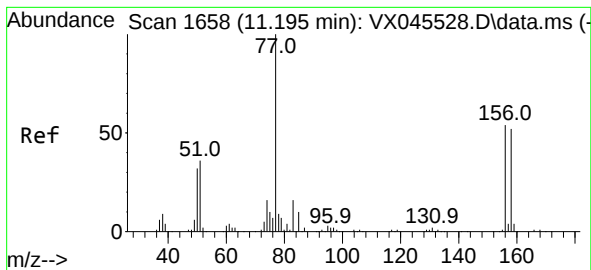
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#76
1,2,3-Trichloropropane
Concen: 53.709 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

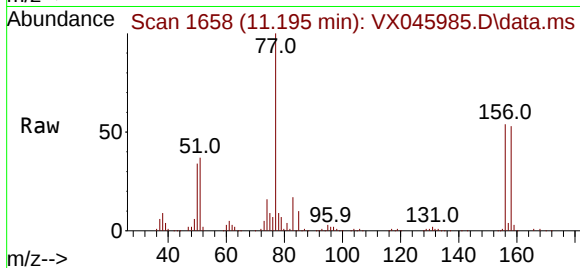
Tgt Ion: 75 Resp: 79337
Ion Ratio Lower Upper
75 100
77 40.7 20.0 59.9





#77
Bromobenzene
Concen: 54.578 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

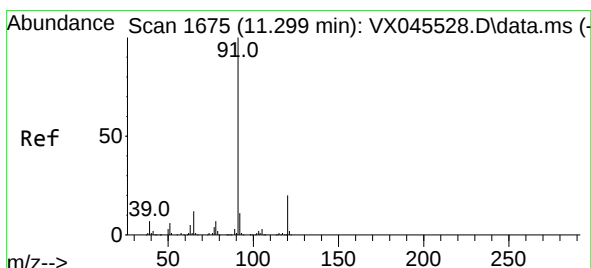
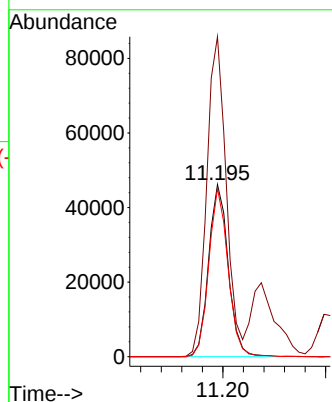
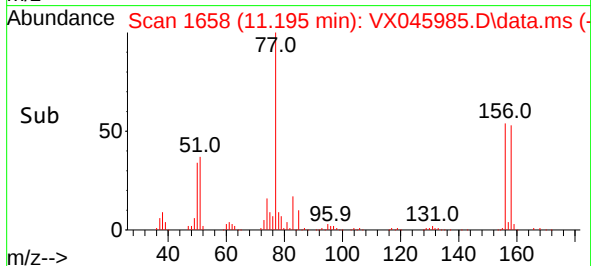
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 61170
Ion Ratio Lower Upper
156 100
77 183.8 92.6 277.8
158 95.6 48.1 144.4

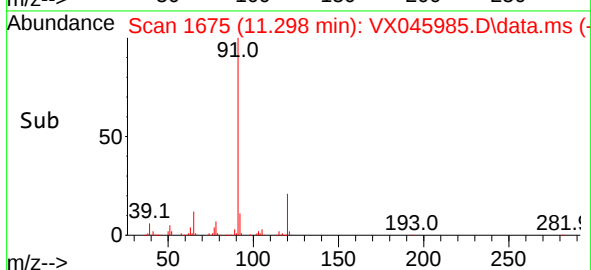
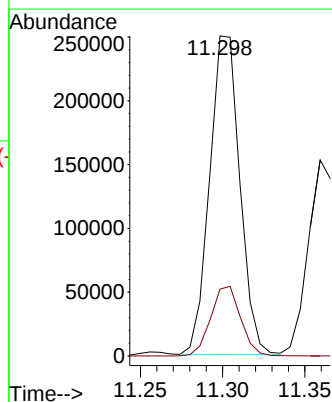
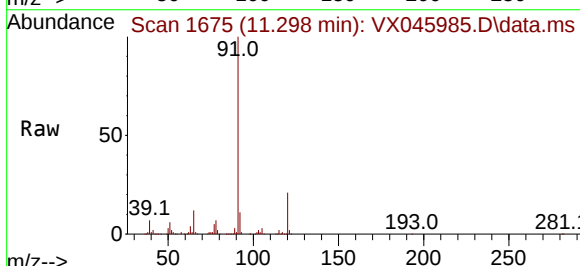
Manual Integrations
APPROVED

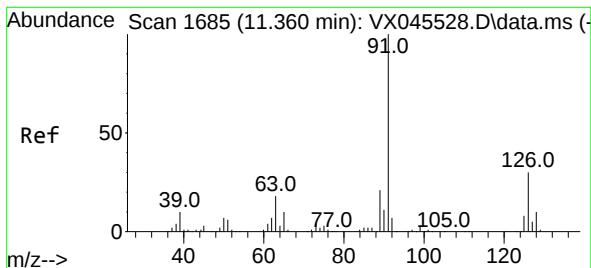
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#78
n-propylbenzene
Concen: 57.199 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 319585
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





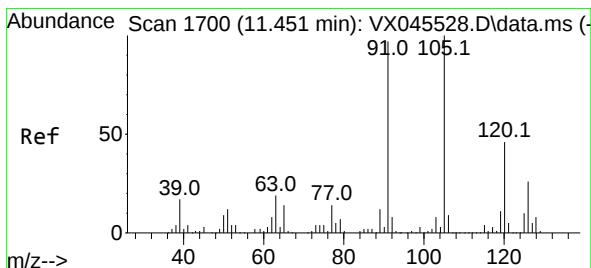
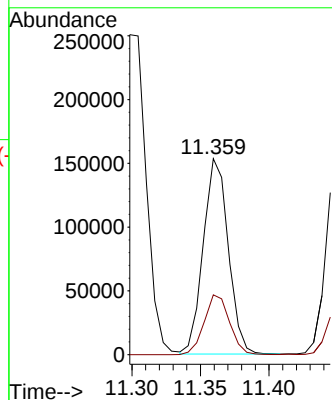
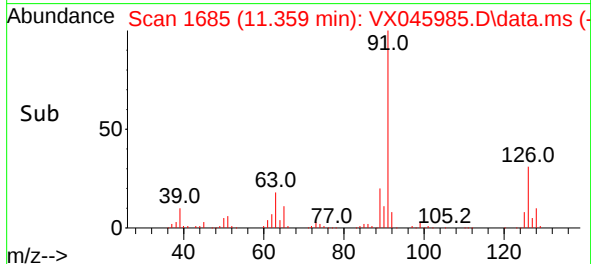
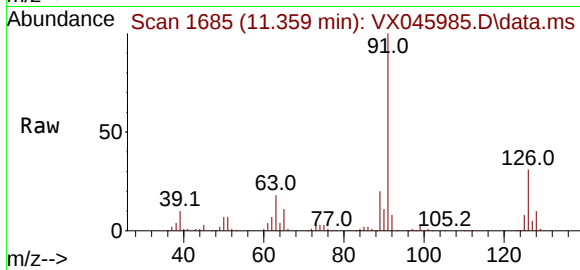
#79
2-Chlorotoluene
Concen: 54.562 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19489
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

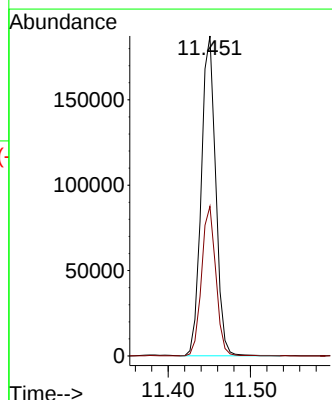
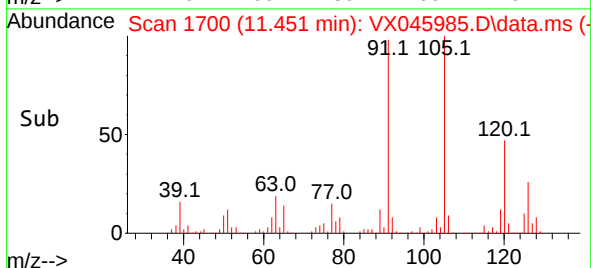
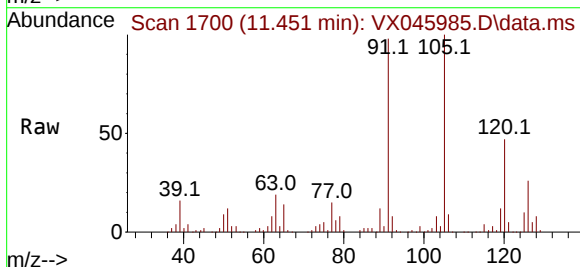
Manual Integrations
APPROVED

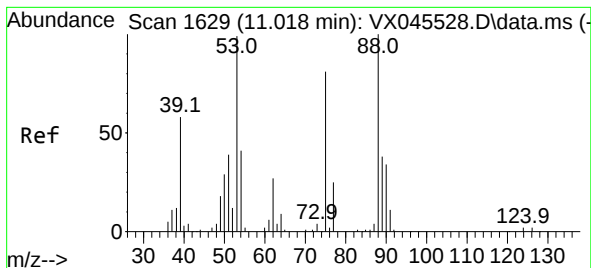
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.997 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:105 Resp: 228624
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





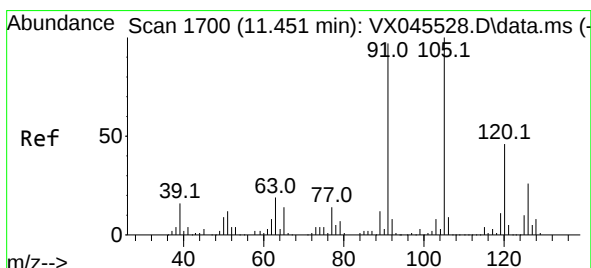
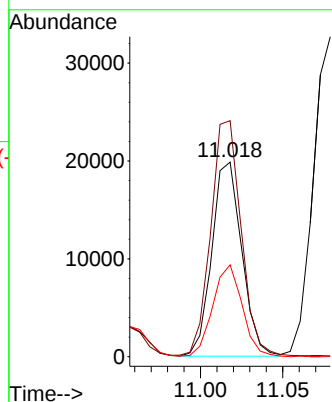
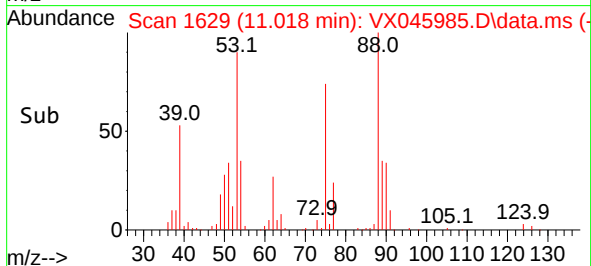
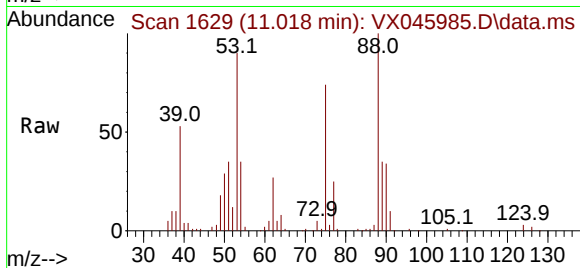
#81
trans-1,4-Dichloro-2-butene
Concen: 57.681 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
53 124.5 101.8 152.6
89 46.6 37.2 55.8

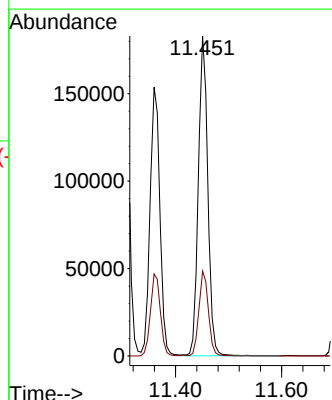
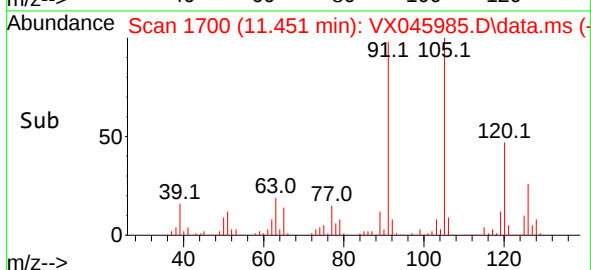
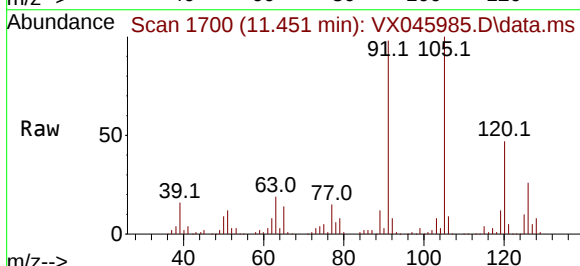
Manual Integrations
APPROVED

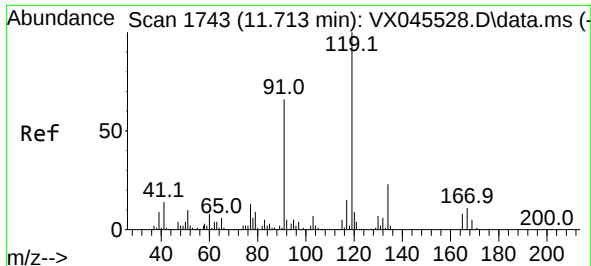
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 56.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

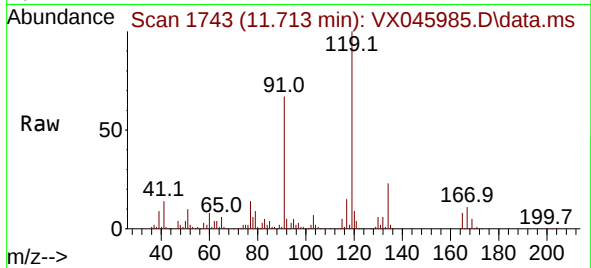
Tgt Ion: 91 Resp: 226967
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 56.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

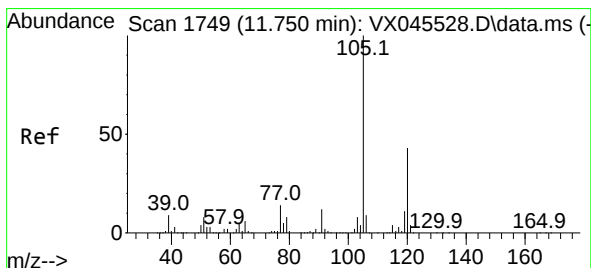
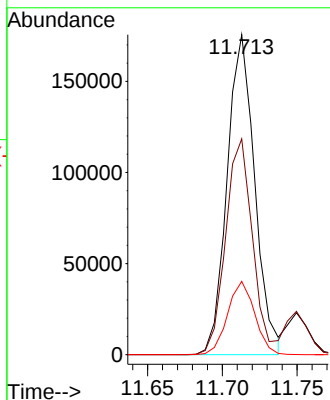
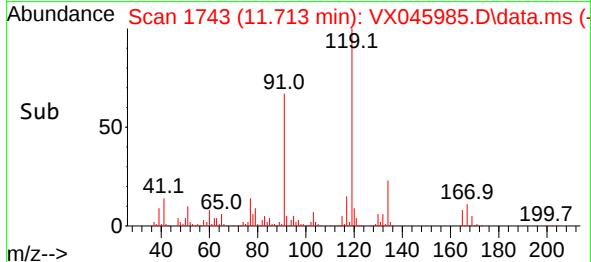
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



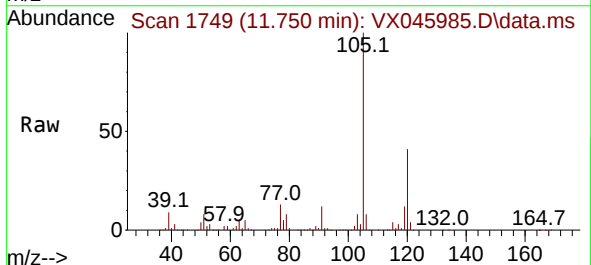
Tgt Ion:119 Resp: 225892
Ion Ratio Lower Upper
119 100
91 64.7 32.4 97.2
134 22.5 11.5 34.5

Manual Integrations
APPROVED

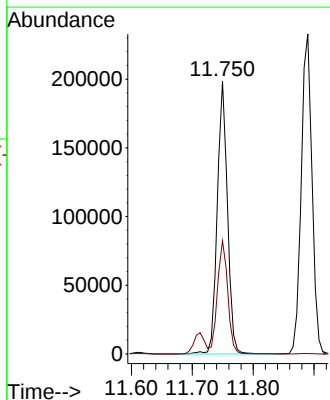
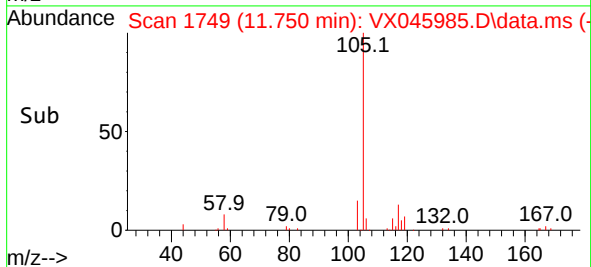
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

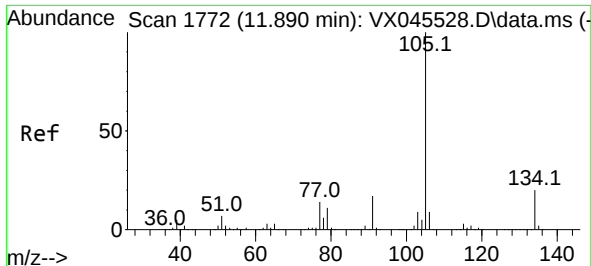


#84
1,2,4-Trimethylbenzene
Concen: 57.131 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



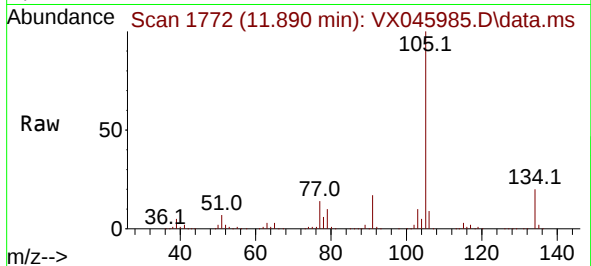
Tgt Ion:105 Resp: 230007
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 58.450 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

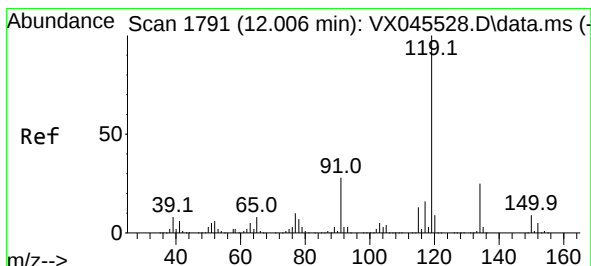
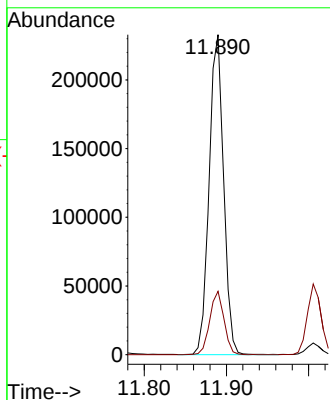
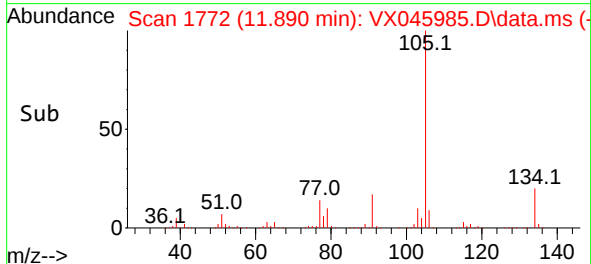
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



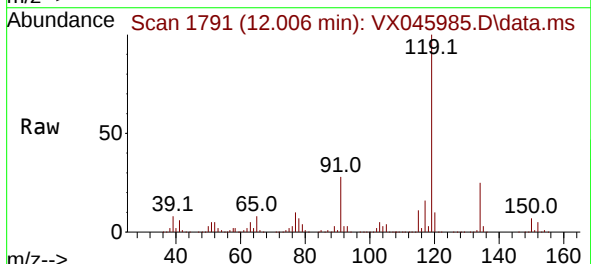
Tgt Ion:105 Resp: 285091
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

Manual Integrations
 APPROVED

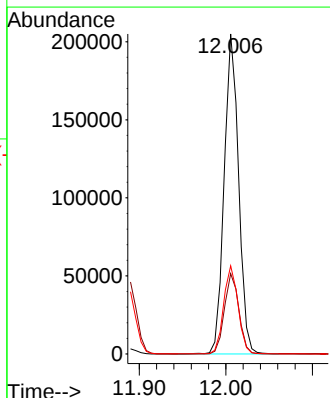
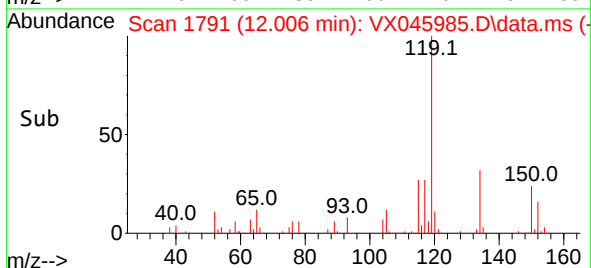
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

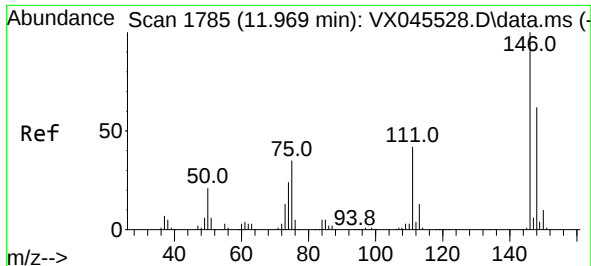


#86
 p-Isopropyltoluene
 Concen: 58.918 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01



Tgt Ion:119 Resp: 236921
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 55.772 ug/l

RT: 11.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 113784

Ion Ratio Lower Upper

146 100

111 43.7 22.2 66.6

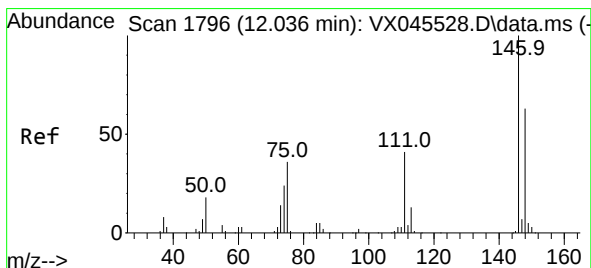
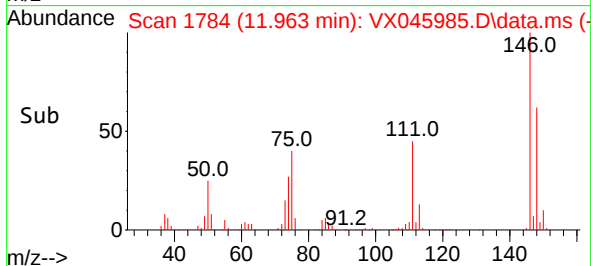
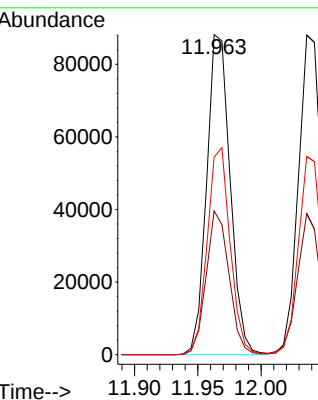
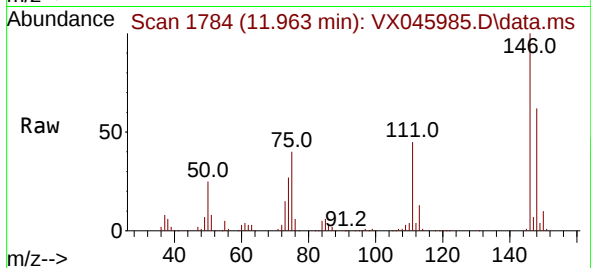
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#88

1,4-Dichlorobenzene

Concen: 54.777 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

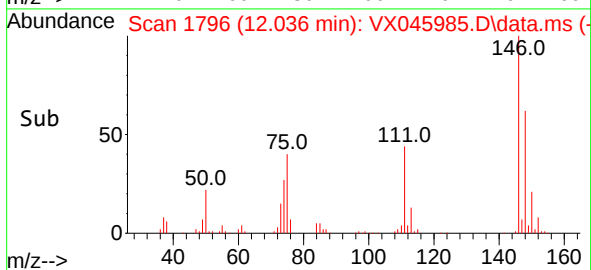
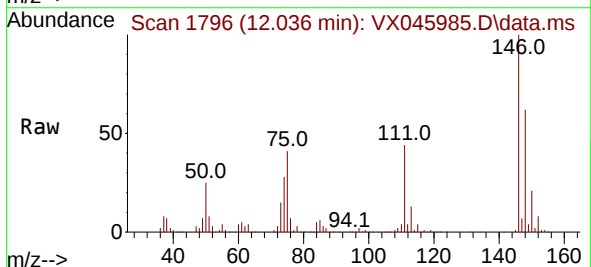
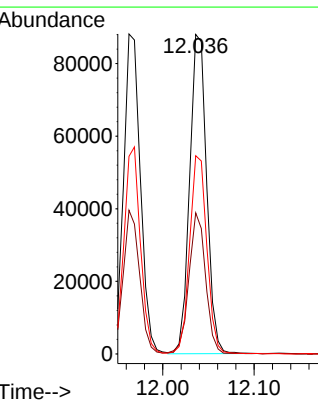
Tgt Ion:146 Resp: 113296

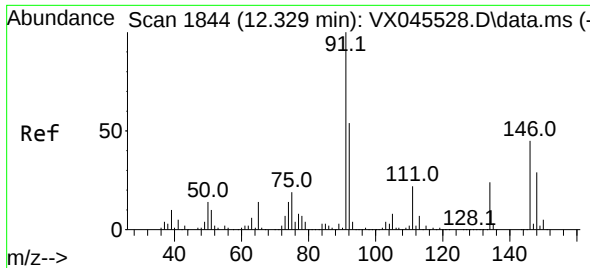
Ion Ratio Lower Upper

146 100

111 43.8 20.9 62.8

148 63.3 31.5 94.5





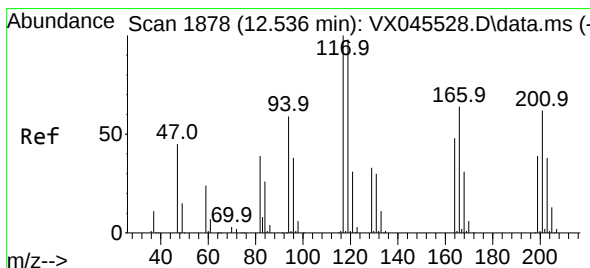
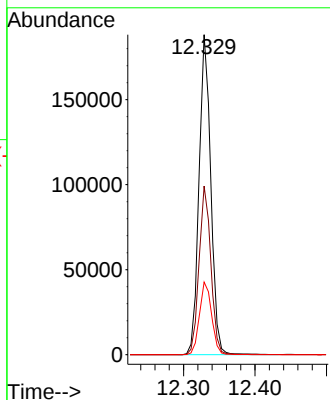
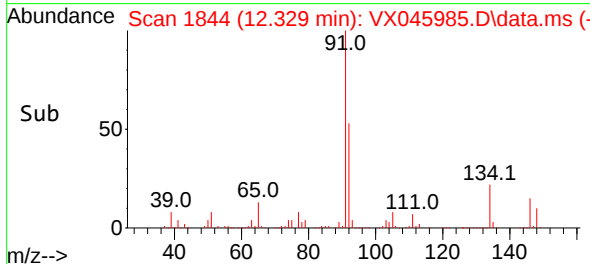
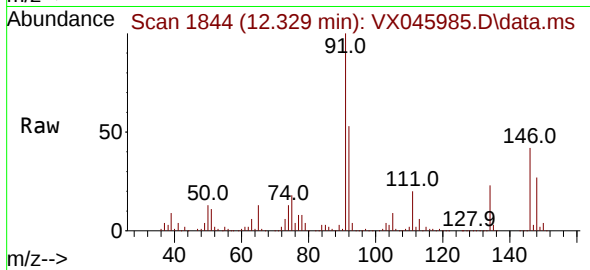
#89
n-Butylbenzene
Concen: 61.446 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 21426
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 23.6 11.9 35.7

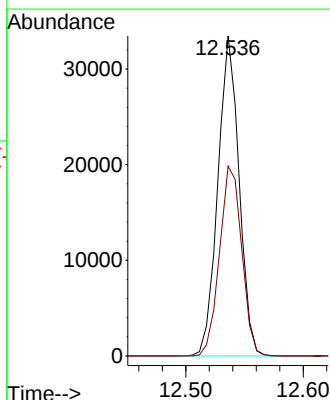
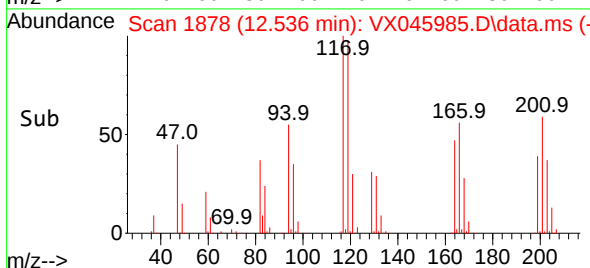
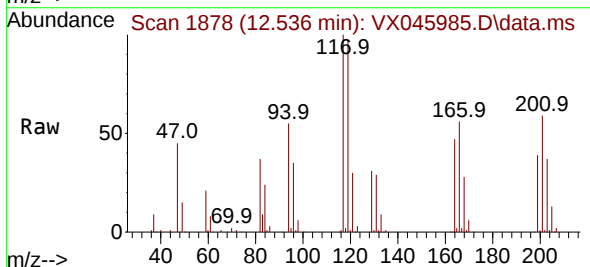
Manual Integrations
APPROVED

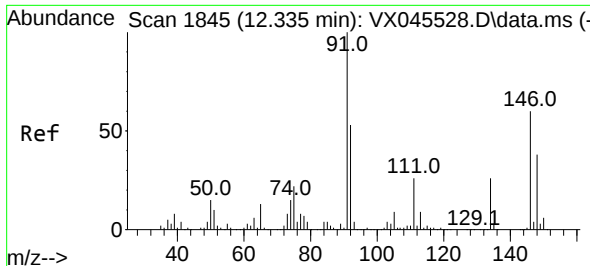
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#90
Hexachloroethane
Concen: 60.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

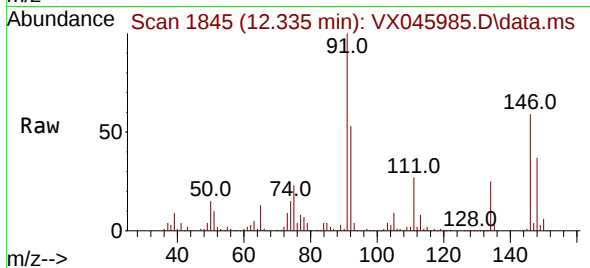
Tgt Ion:117 Resp: 41970
Ion Ratio Lower Upper
117 100
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 54.962 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

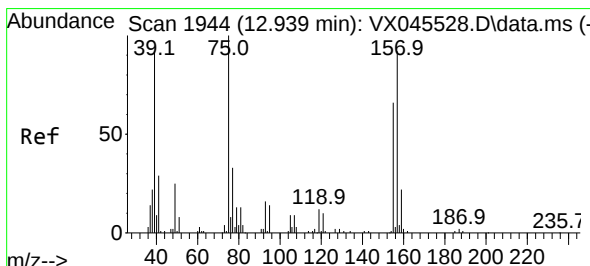
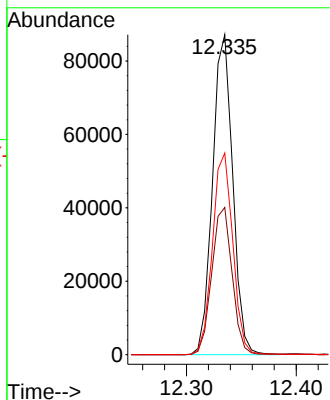
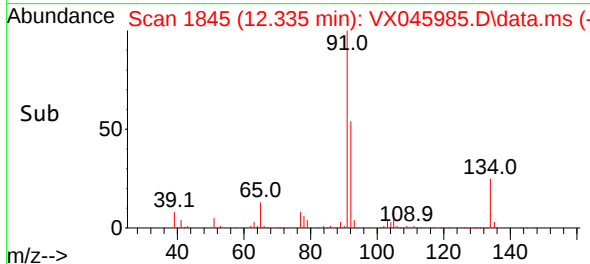
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 11148
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 63.8 31.9 95.5

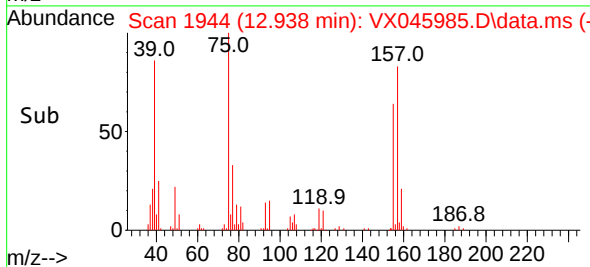
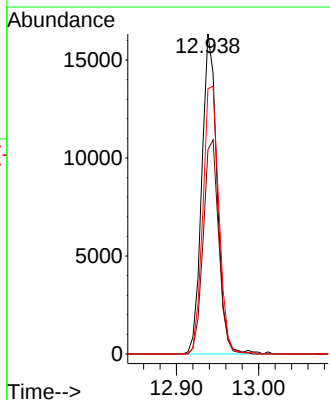
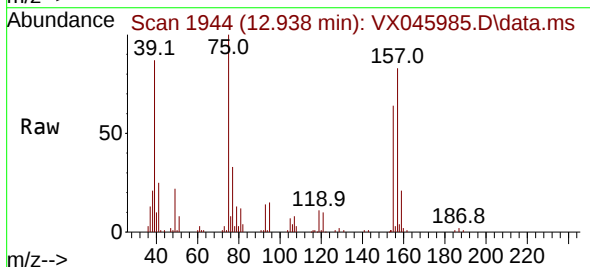
Manual Integrations
APPROVED

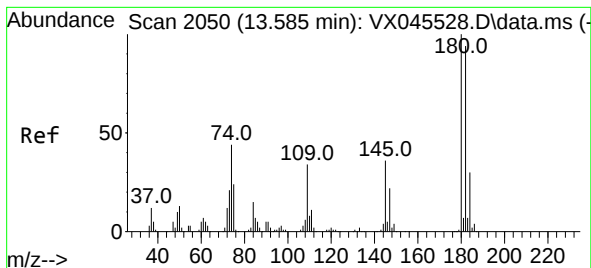
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.332 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 21144
Ion Ratio Lower Upper
75 100
155 67.7 34.9 104.7
157 87.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.960 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

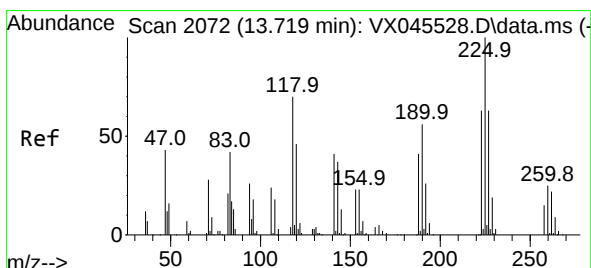
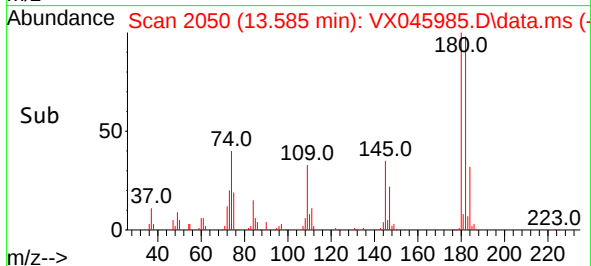
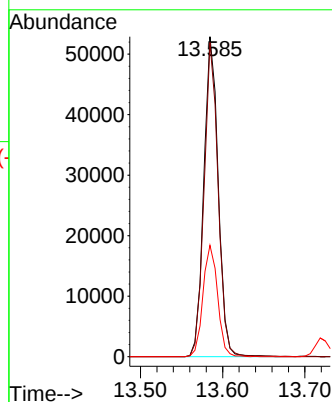
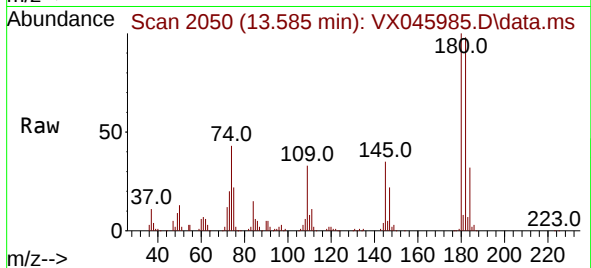
Tgt Ion:180	Resp:	6431
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.9 143.6
145	35.3	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#94

Hexachlorobutadiene

Concen: 60.361 ug/l

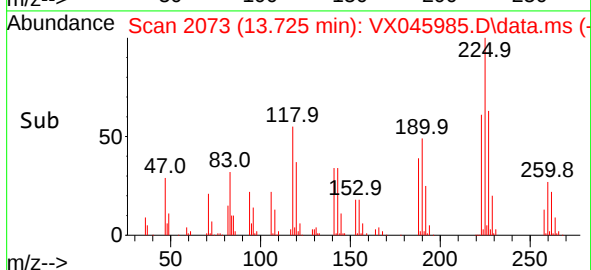
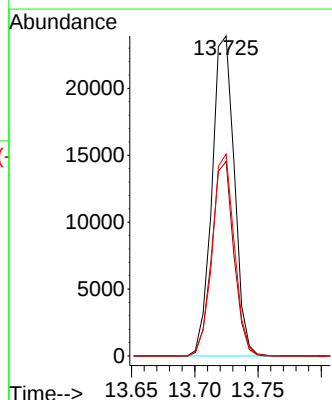
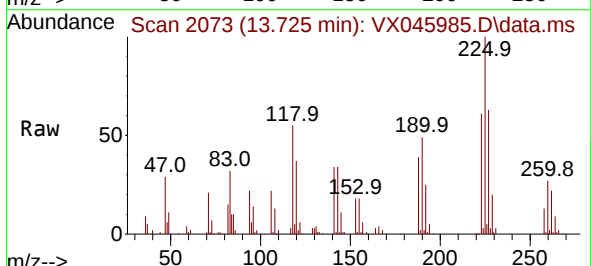
RT: 13.725 min Scan# 2073

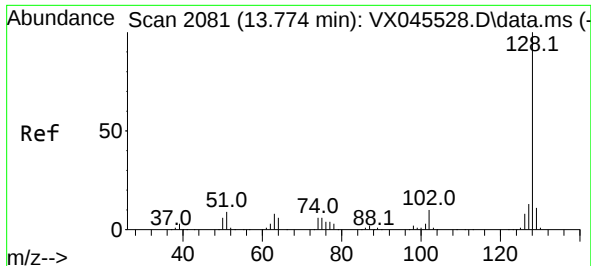
Delta R.T. 0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

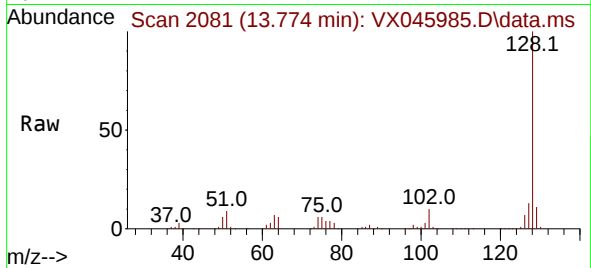
Tgt Ion:225	Resp:	29367
Ion Ratio	Lower	Upper
225	100	
223	59.9	31.1 93.3
227	62.4	32.2 96.6





#95
Naphthalene
Concen: 56.435 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

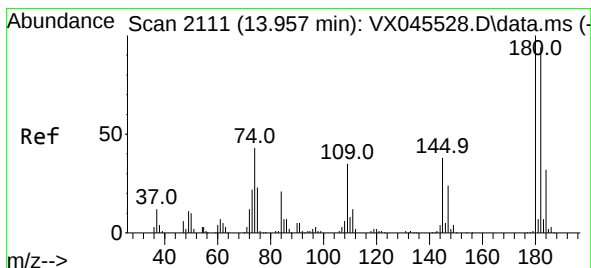
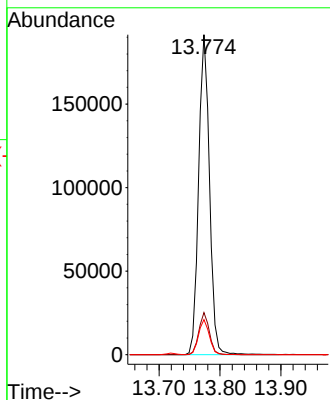
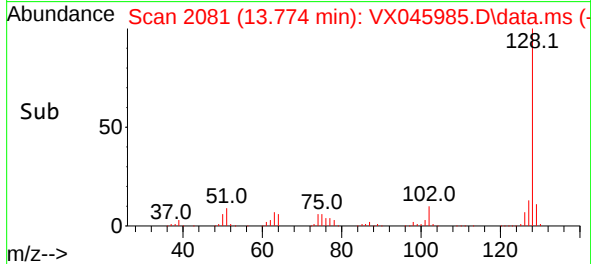
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 237119
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.054 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:180 Resp: 67453
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 36.4 18.2 54.6

