

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045942.D
 Acq On : 25 Apr 2025 15:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 23:02:34 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	87741	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	149428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78848	49.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.280%		
35) Dibromofluoromethane	5.373	113	55131	52.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.000%		
50) Toluene-d8	8.641	98	182880	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	72616	53.873	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64462	49.126	ug/l	100
3) Chloromethane	1.307	50	64191	47.618	ug/l	97
4) Vinyl Chloride	1.374	62	59758	48.439	ug/l	99
5) Bromomethane	1.593	94	28006	47.878	ug/l	100
6) Chloroethane	1.672	64	33804	51.646	ug/l	99
7) Trichlorofluoromethane	1.880	101	97740	53.130	ug/l	98
8) Diethyl Ether	2.130	74	31884	51.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	59715	55.395	ug/l	97
10) Methyl Iodide	2.441	142	71631	53.274	ug/l	98
11) Tert butyl alcohol	2.965	59	56178	260.518	ug/l	100
12) 1,1-Dichloroethene	2.313	96	53227	50.532	ug/l	97
13) Acrolein	2.233	56	72620	244.552	ug/l	99
14) Allyl chloride	2.654	41	108909	54.493	ug/l	100
15) Acrylonitrile	3.056	53	178057	261.581	ug/l	99
16) Acetone	2.380	43	166263	252.344	ug/l	99
17) Carbon Disulfide	2.502	76	121033	46.523	ug/l	98
18) Methyl Acetate	2.697	43	92049	60.679	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198275	53.810	ug/l	98
20) Methylene Chloride	2.782	84	62980	51.058	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	54961	51.074	ug/l	98
22) Diisopropyl ether	3.751	45	214380	54.454	ug/l #	87
23) Vinyl Acetate	3.715	43	928124	272.862	ug/l	100
24) 1,1-Dichloroethane	3.599	63	116265	52.220	ug/l	99
25) 2-Butanone	4.544	43	254715	264.101	ug/l	99
26) 2,2-Dichloropropane	4.465	77	90299	62.773	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	67709	51.645	ug/l	97
28) Bromochloromethane	4.885	49	51596	47.955	ug/l	97
29) Tetrahydrofuran	4.995	42	161093	257.629	ug/l	99
30) Chloroform	5.080	83	120755	52.709	ug/l	99
31) Cyclohexane	5.458	56	100997	51.312	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	104165	53.734	ug/l	99
36) 1,1-Dichloropropene	5.678	75	78078	54.544	ug/l	99
37) Ethyl Acetate	4.709	43	96951	53.744	ug/l	100
38) Carbon Tetrachloride	5.666	117	90733	58.648	ug/l	100
39) Methylcyclohexane	7.373	83	100702	57.390	ug/l	99
40) Benzene	6.025	78	233315	53.367	ug/l	100

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 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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 Supervised By :Semsettin Yesilyurt 04/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56528	59.390	ug/l	98
42) 1,2-Dichloroethane	6.074	62	99449	55.075	ug/l	100
43) Isopropyl Acetate	6.330	43	152416	55.746	ug/l	100
44) Trichloroethene	7.117	130	56237	54.120	ug/l	99
45) 1,2-Dichloropropane	7.421	63	59916	54.928	ug/l	98
46) Dibromomethane	7.574	93	46231	55.210	ug/l	98
47) Bromodichloromethane	7.812	83	93918	56.162	ug/l	97
48) Methyl methacrylate	7.690	41	80556	57.064	ug/l	99
49) 1,4-Dioxane	7.653	88	26787	1048.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	508296	280.439	ug/l	99
52) Toluene	8.714	92	142178	53.745	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	84610	52.494	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	92730	59.009	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56835	53.915	ug/l	95
56) Ethyl methacrylate	9.110	69	93636	57.395	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101413	55.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	214738	260.194	ug/l	99
59) 2-Hexanone	9.427	43	374574	279.073	ug/l	100
60) Dibromochloromethane	9.519	129	66102	57.518	ug/l	98
61) 1,2-Dibromoethane	9.604	107	59059	55.344	ug/l	100
64) Tetrachloroethene	9.269	164	50168	55.056	ug/l	95
65) Chlorobenzene	10.073	112	153293	55.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53618	55.999	ug/l	99
67) Ethyl Benzene	10.189	91	280532	56.795	ug/l	100
68) m/p-Xylenes	10.299	106	205033	114.130	ug/l	99
69) o-Xylene	10.634	106	100603	56.847	ug/l	100
70) Styrene	10.653	104	170033	58.213	ug/l	99
71) Bromoform	10.793	173	42672	59.688	ug/l #	99
73) Isopropylbenzene	10.957	105	272308	54.266	ug/l	99
74) N-amyl acetate	10.842	43	134490	56.029	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90073	51.098	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79804m	52.225	ug/l	
77) Bromobenzene	11.195	156	60083	51.821	ug/l	99
78) n-propylbenzene	11.299	91	321029	55.542	ug/l	99
79) 2-Chlorotoluene	11.360	91	194546	52.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	227997	54.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24830	55.147	ug/l	99
82) 4-Chlorotoluene	11.451	91	226319	54.934	ug/l	100
83) tert-Butylbenzene	11.713	119	225779	54.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229861	55.192	ug/l	99
85) sec-Butylbenzene	11.890	105	286672	56.815	ug/l	100
86) p-Isopropyltoluene	12.006	119	238943	57.440	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	112366	53.241	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114588	53.555	ug/l	99
89) n-Butylbenzene	12.329	91	219904	60.961	ug/l	99
90) Hexachloroethane	12.536	117	41765	58.420	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	111915	53.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	56.204	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	66715	57.120	ug/l	99
94) Hexachlorobutadiene	13.725	225	28931	57.483	ug/l	98
95) Naphthalene	13.774	128	235941	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67064	54.835	ug/l	99

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MSVOA_X
ClientSampleId :
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Manual Integrations
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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



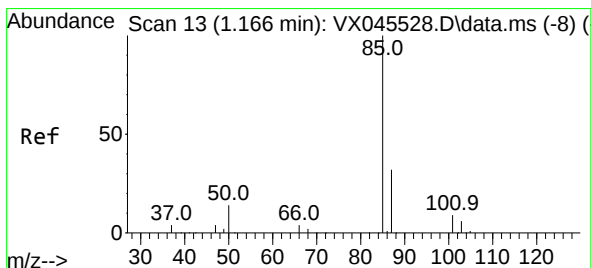
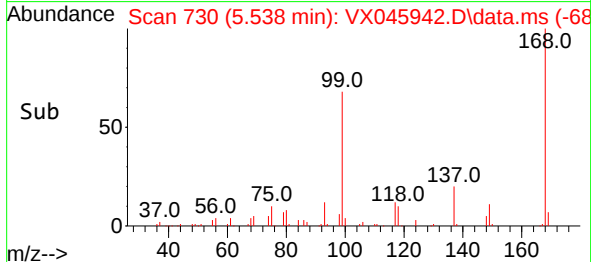
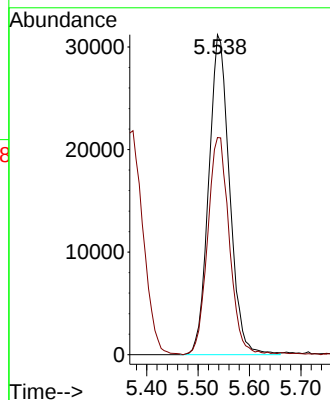
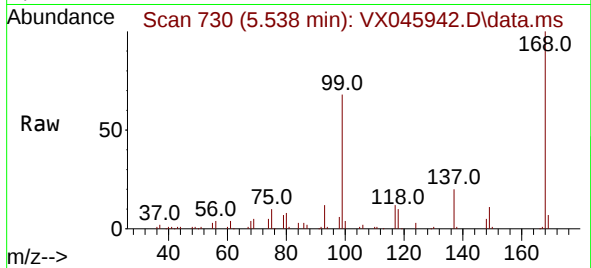
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 8774
Ion Ratio Lower Upper
168 100
99 67.6 52.3 78.5

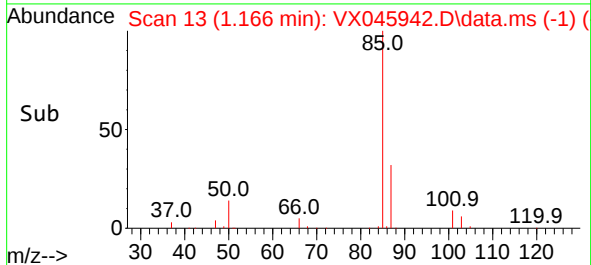
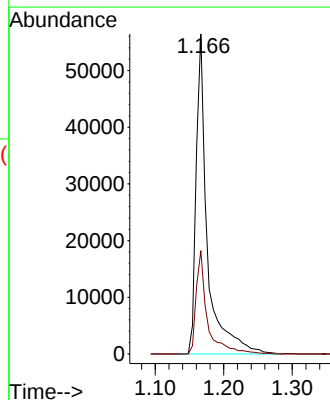
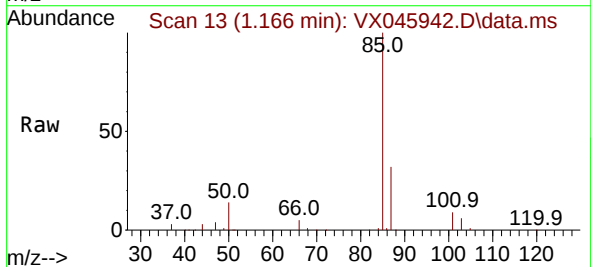
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#2
Dichlorodifluoromethane
Concen: 49.126 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 85 Resp: 64462
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2





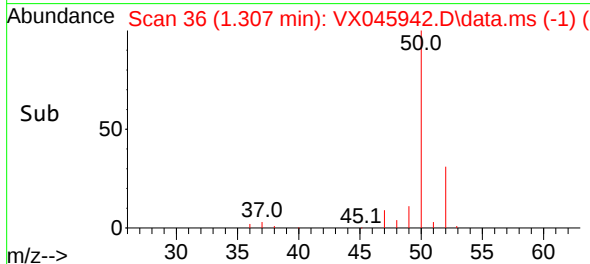
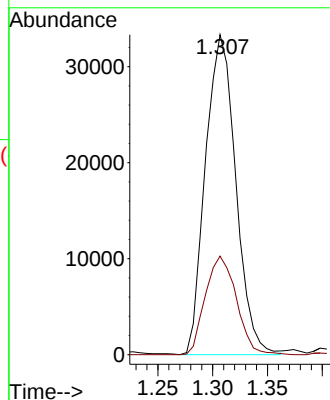
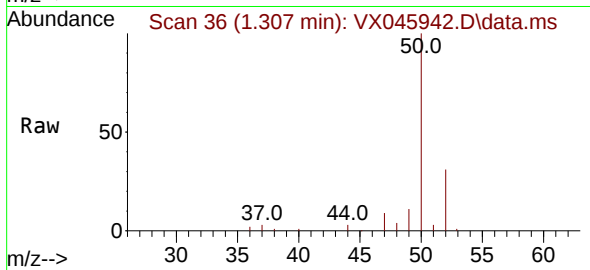
#3
Chloromethane
Concen: 47.618 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6419
Ion Ratio Lower Upper
50 100
52 30.8 25.9 38.9

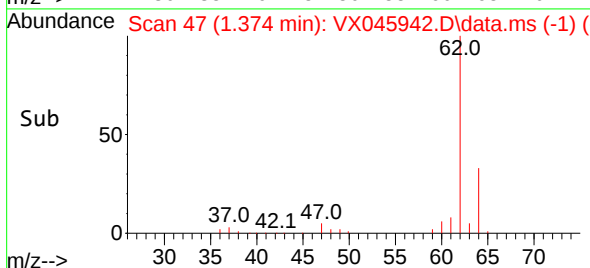
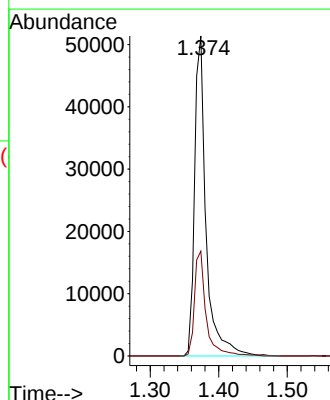
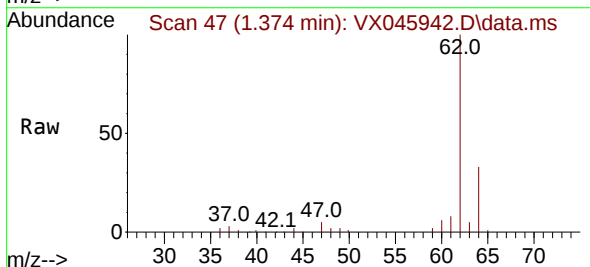
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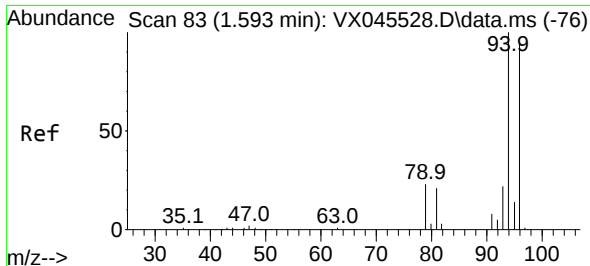
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#4
Vinyl Chloride
Concen: 48.439 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

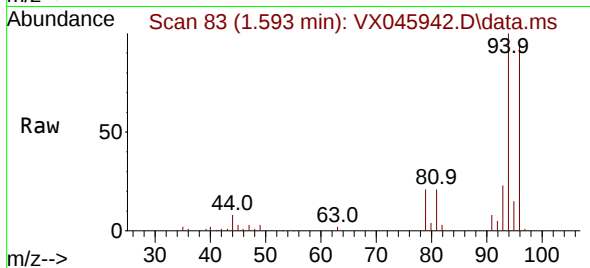
Tgt Ion: 62 Resp: 59758
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3





#5
Bromomethane
Concen: 47.878 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

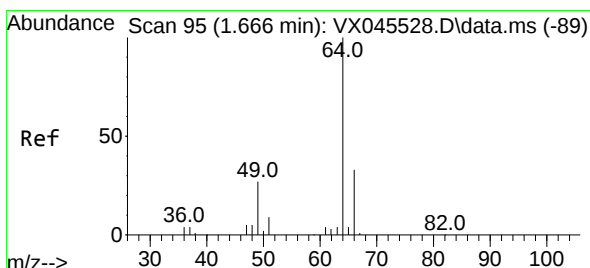
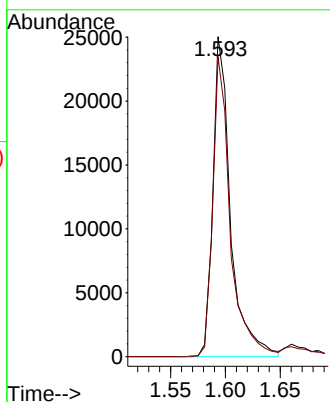
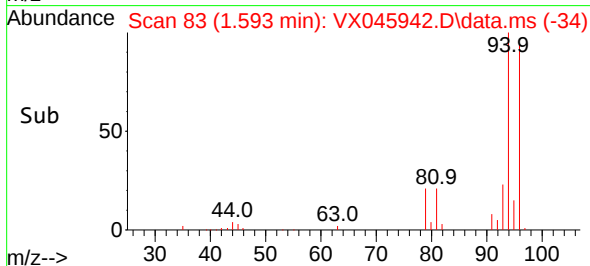
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion: 94 Resp: 28000
Ion Ratio Lower Upper
94 100
96 93.8 74.8 112.2

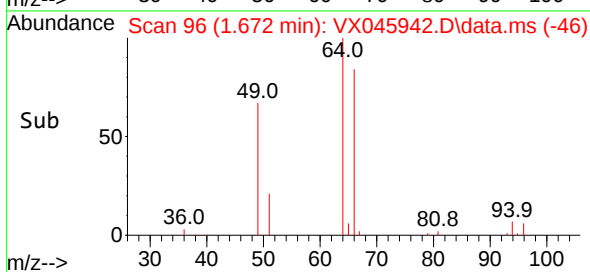
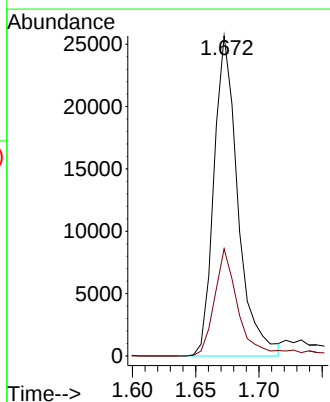
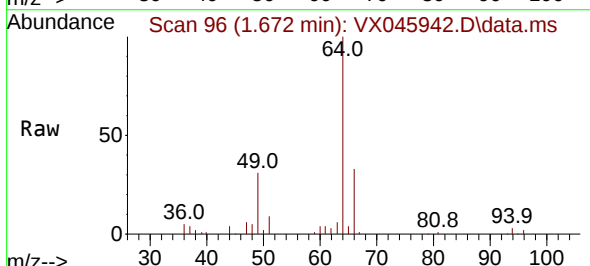
Manual Integrations
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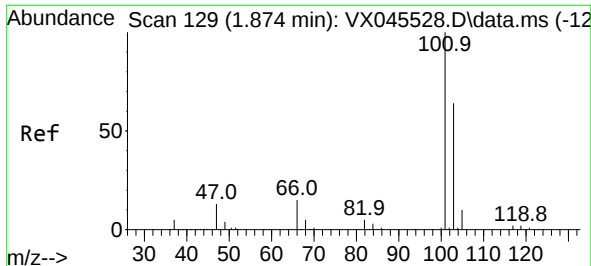
Reviewed By :John Carlone 04/28/2025
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#6
Chloroethane
Concen: 51.646 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

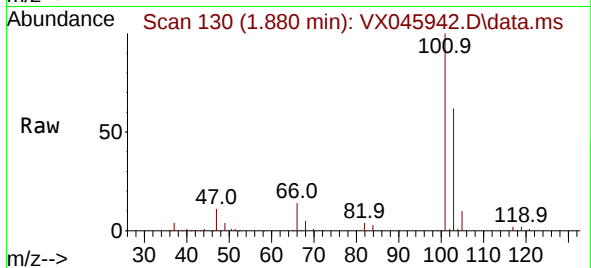
Tgt Ion: 64 Resp: 33804
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.130 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045942.D
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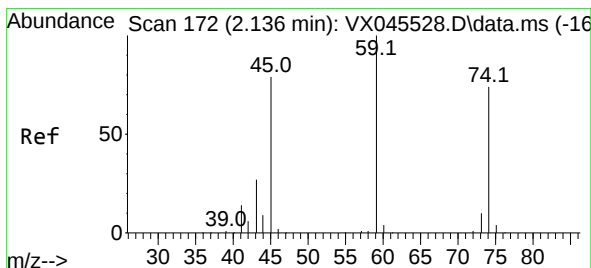
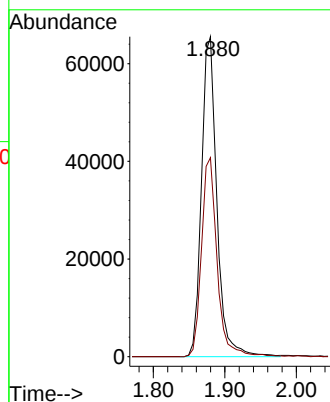
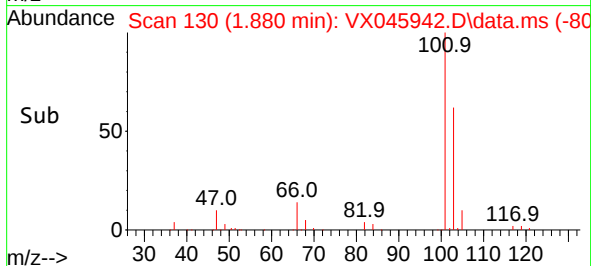
Instrument :
MSVOA_X
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VSTDCCC050EC



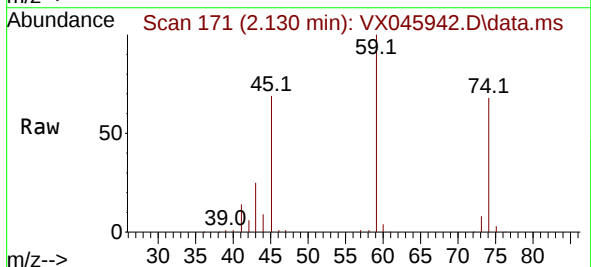
Tgt Ion:101 Resp: 97740
Ion Ratio Lower Upper
101 100
103 62.2 51.1 76.7

Manual Integrations
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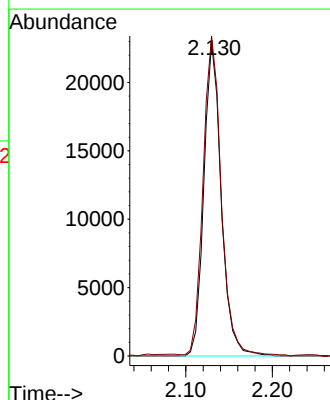
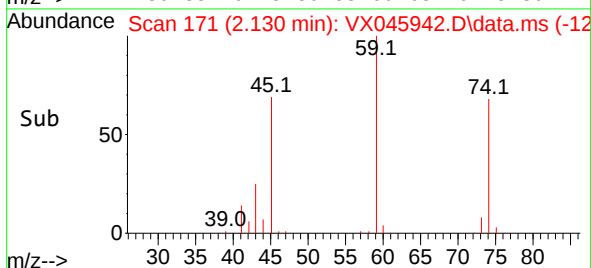
Reviewed By :John Carlone 04/28/2025
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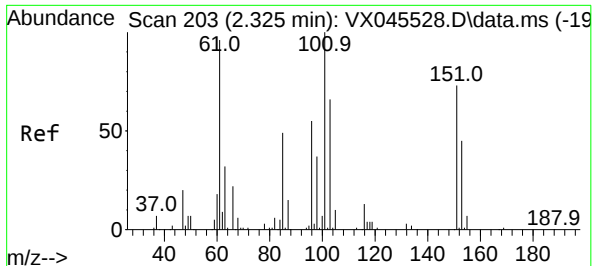


#8
Diethyl Ether
Concen: 51.624 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion: 74 Resp: 31884
Ion Ratio Lower Upper
74 100
45 107.5 53.0 159.1





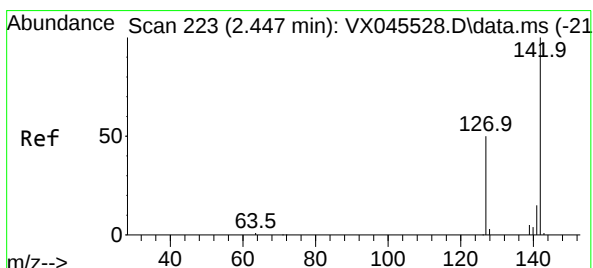
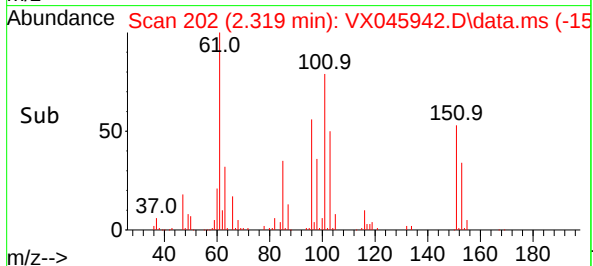
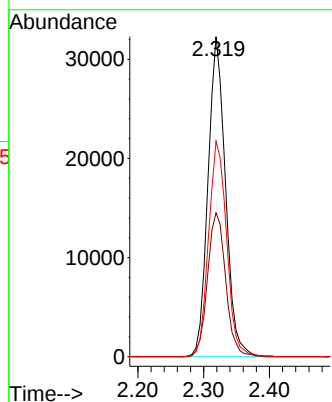
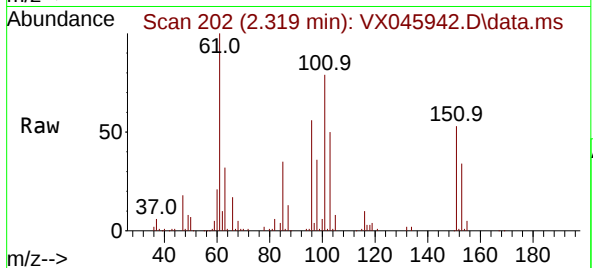
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.395 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045942.D
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Tgt Ion:101 Resp: 59715
Ion Ratio Lower Upper
101 100
85 46.6 38.9 58.3
151 69.6 57.5 86.3

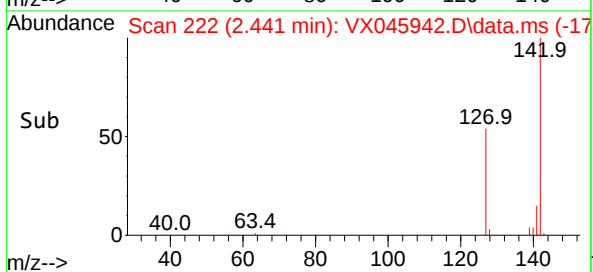
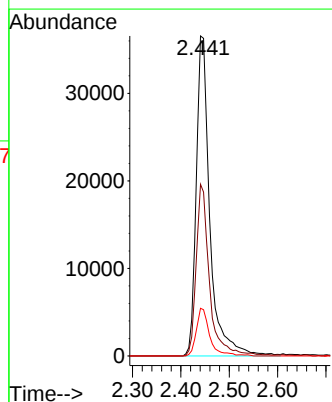
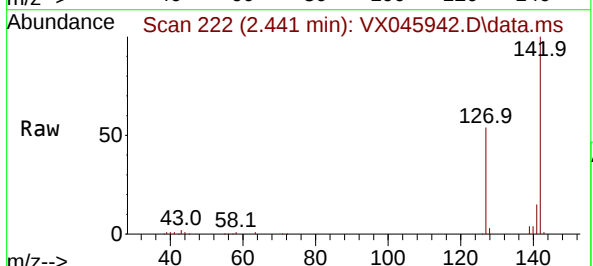
Manual Integrations
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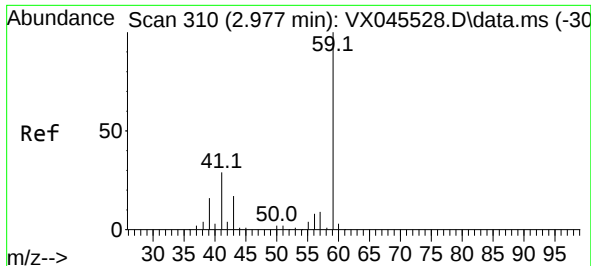
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#10
Methyl Iodide
Concen: 53.274 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:142 Resp: 71631
Ion Ratio Lower Upper
142 100
127 52.4 40.2 60.4
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 260.518 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 56178

Ion Ratio Lower Upper

59 100

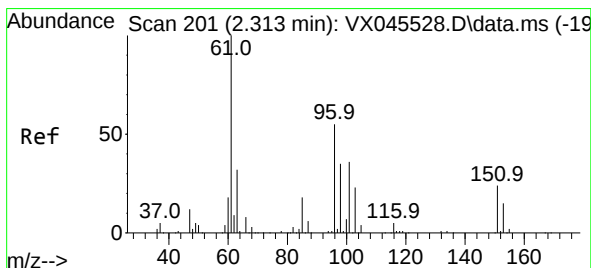
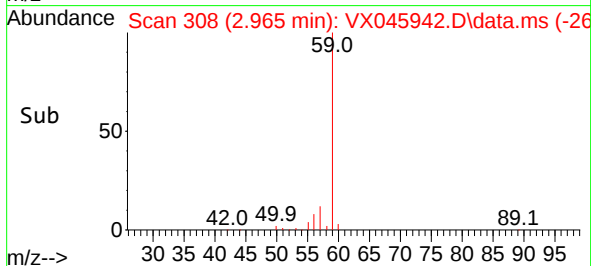
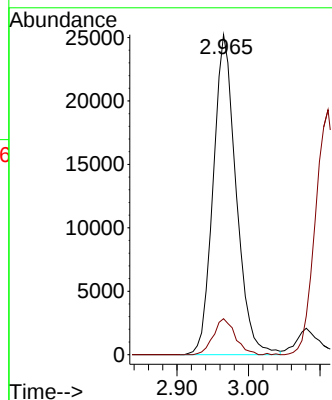
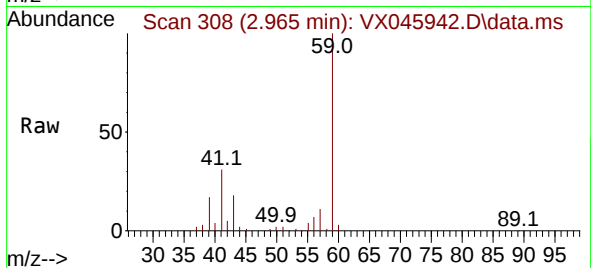
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#12

1,1-Dichloroethene

Concen: 50.532 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

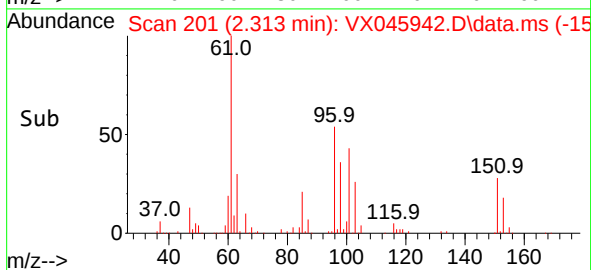
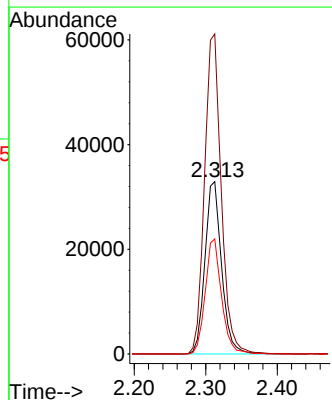
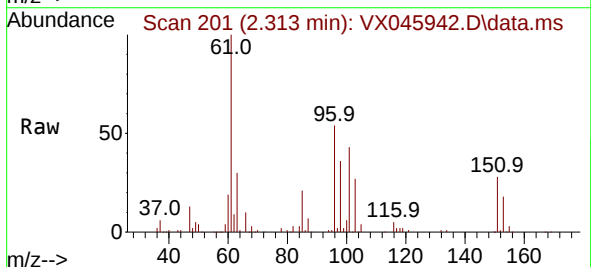
Tgt Ion: 96 Resp: 53227

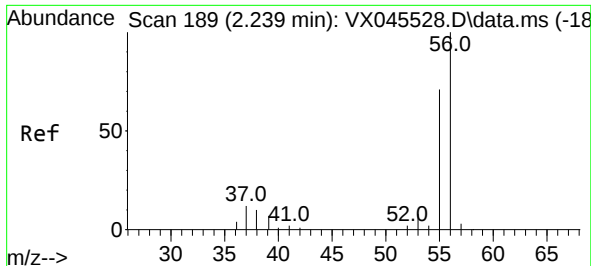
Ion Ratio Lower Upper

96 100

61 185.6 145.7 218.5

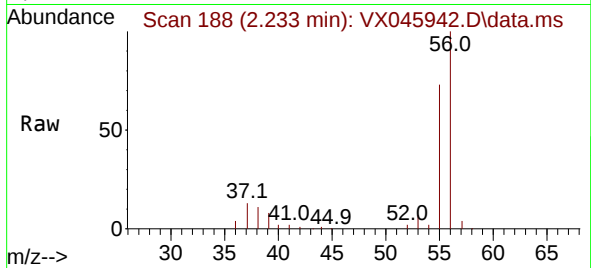
98 66.7 51.6 77.4





#13
Acrolein
Concen: 244.552 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

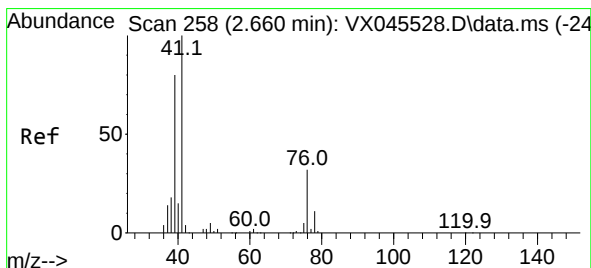
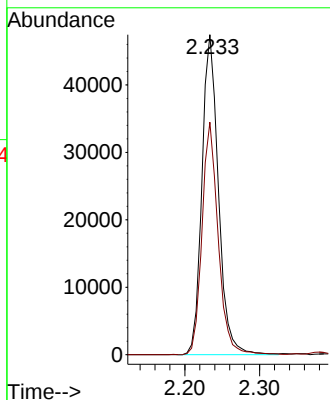
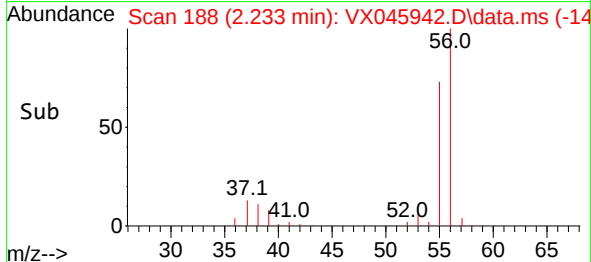
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72620
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.2

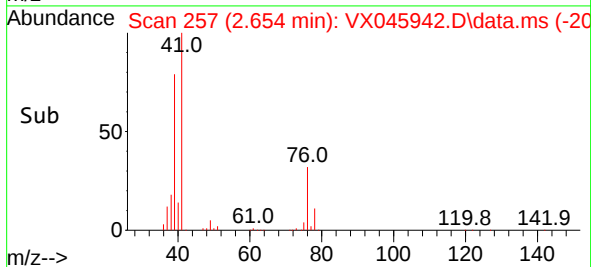
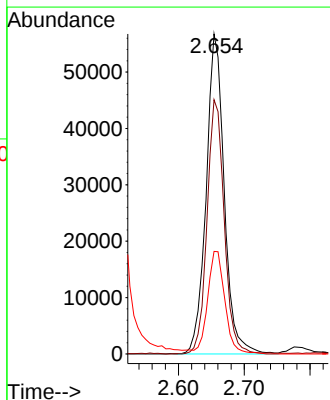
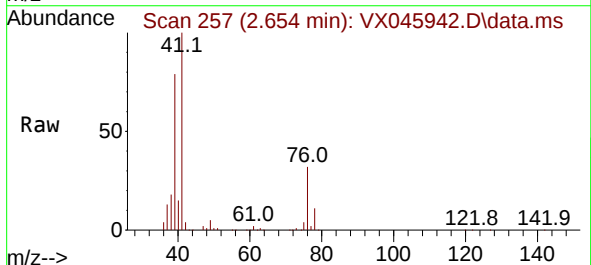
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#14
Allyl chloride
Concen: 54.493 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

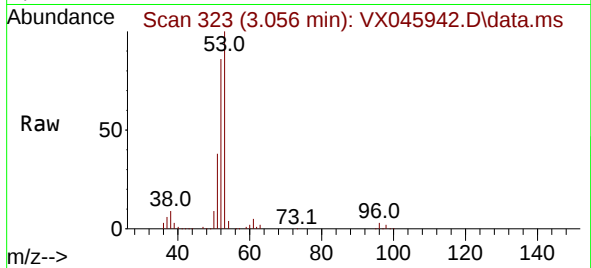
Tgt Ion: 41 Resp: 108909
Ion Ratio Lower Upper
41 100
39 75.3 60.2 90.2
76 30.9 24.6 36.8





#15
Acrylonitrile
Concen: 261.581 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

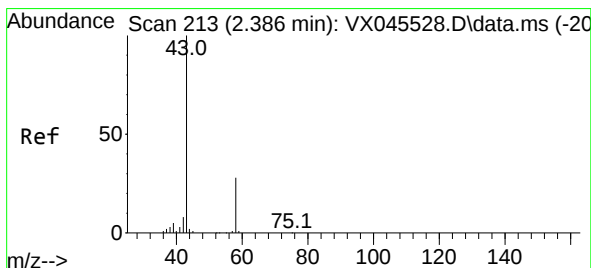
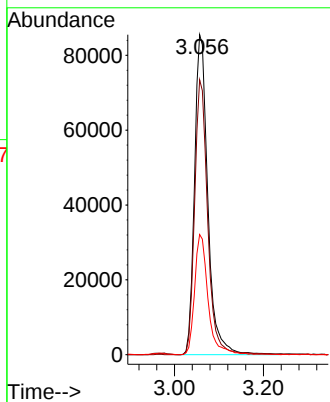
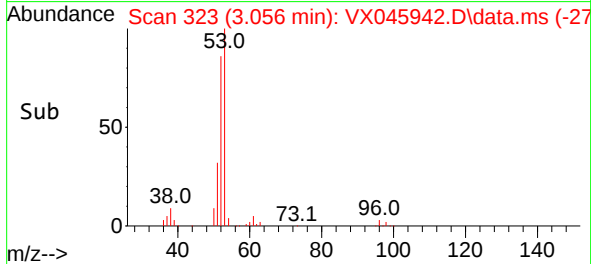
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17805
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 37.9 29.9 44.9

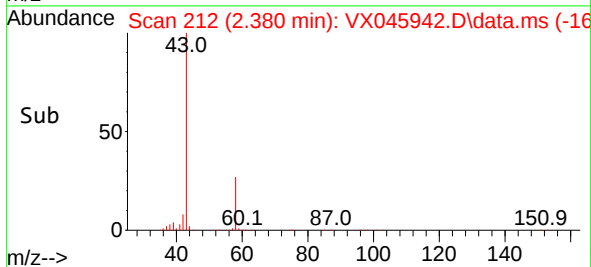
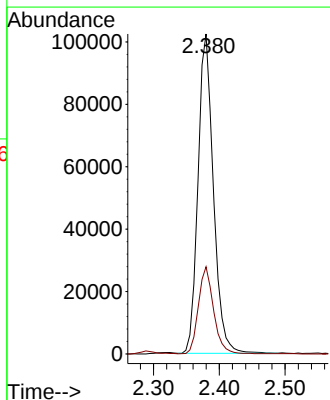
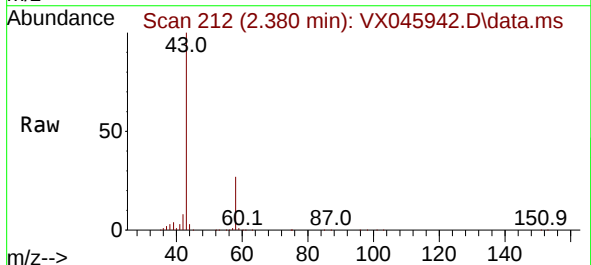
Manual Integrations
APPROVED

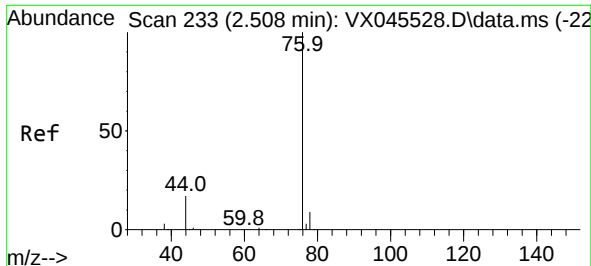
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#16
Acetone
Concen: 252.344 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

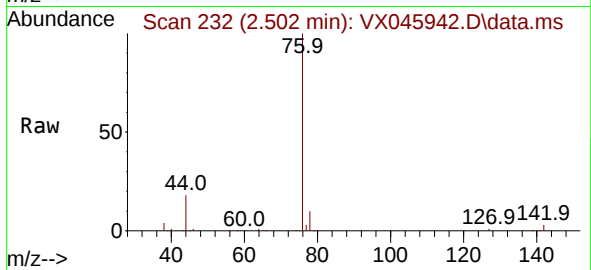
Tgt Ion: 43 Resp: 166263
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17
Carbon Disulfide
Concen: 46.523 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

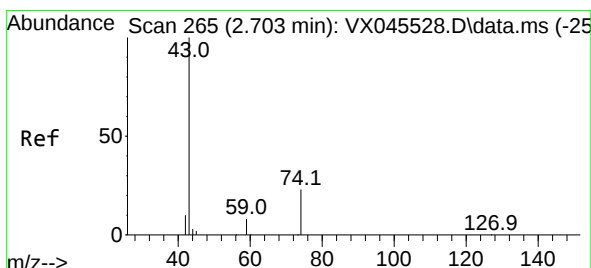
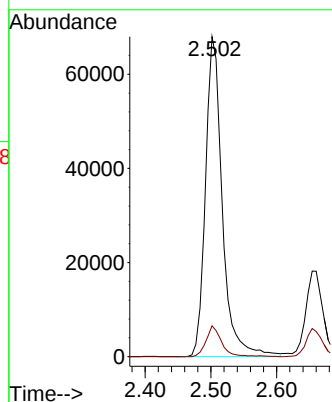
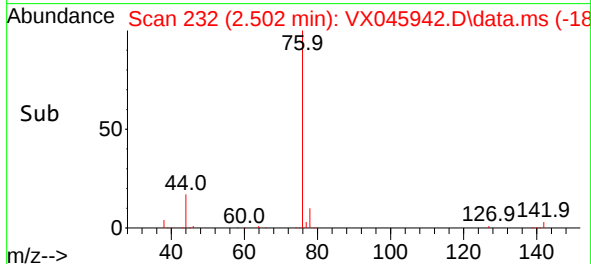
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 121033
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

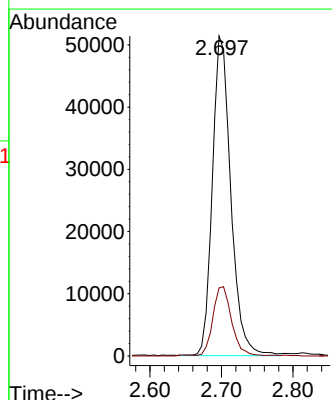
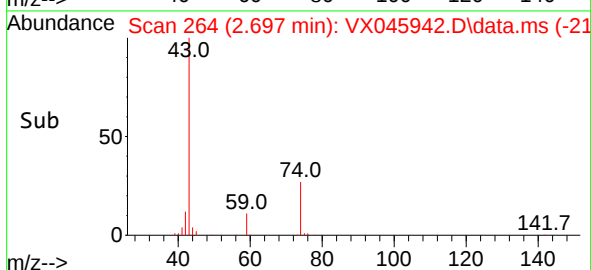
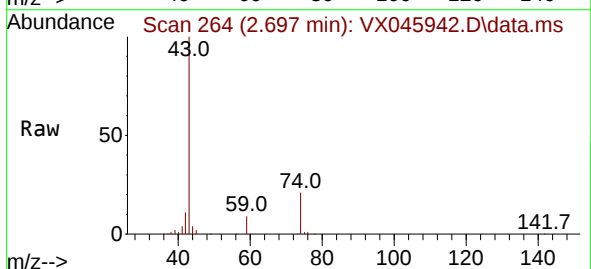
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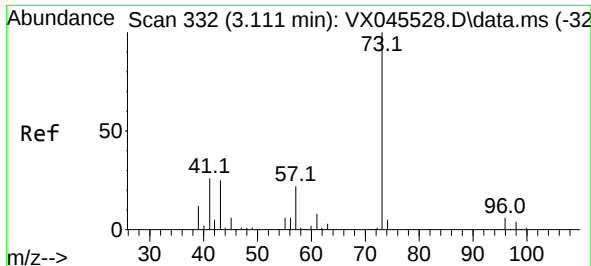
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#18
Methyl Acetate
Concen: 60.679 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

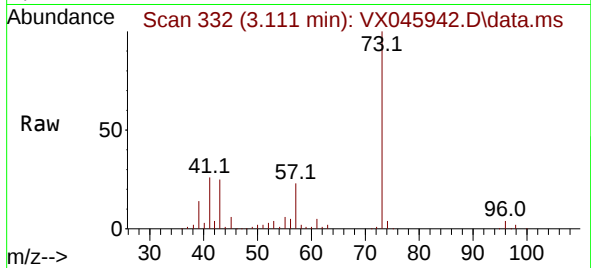
Tgt Ion: 43 Resp: 92049
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 53.810 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

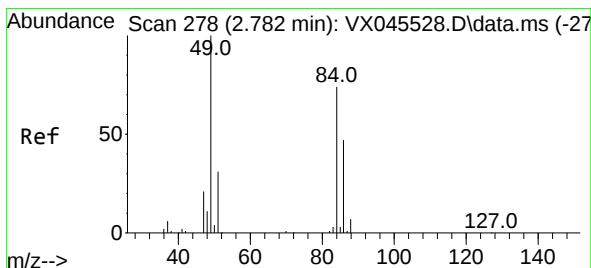
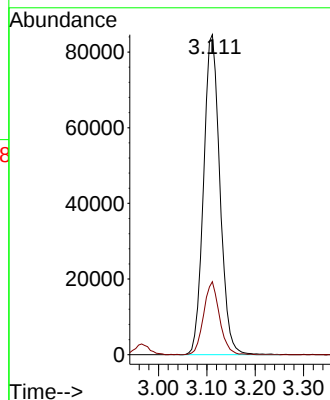
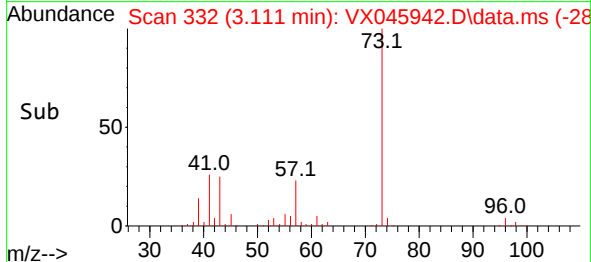
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 198275
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

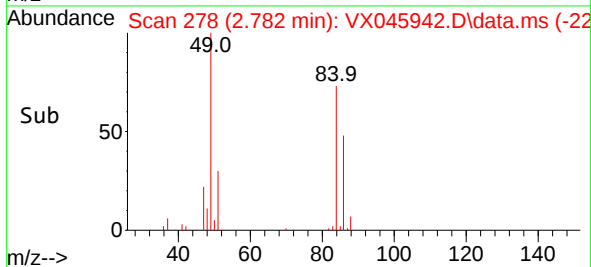
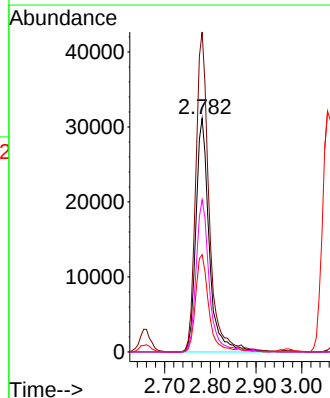
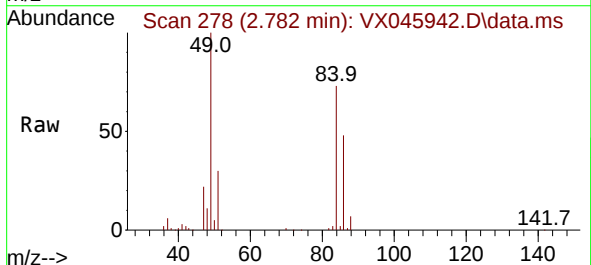
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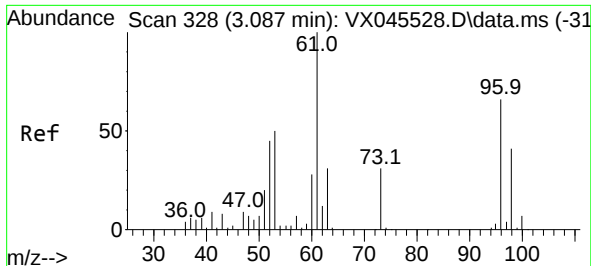
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#20
Methylene Chloride
Concen: 51.058 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

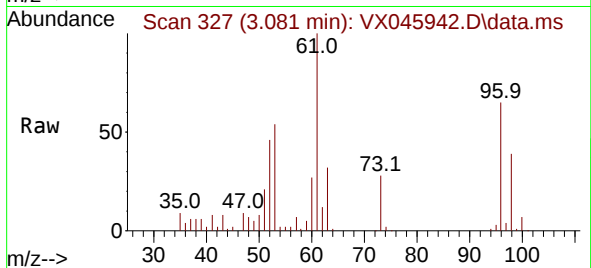
Tgt Ion: 84 Resp: 62980
Ion Ratio Lower Upper
84 100
49 137.0 107.5 161.3
51 41.7 33.0 49.6
86 65.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.074 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

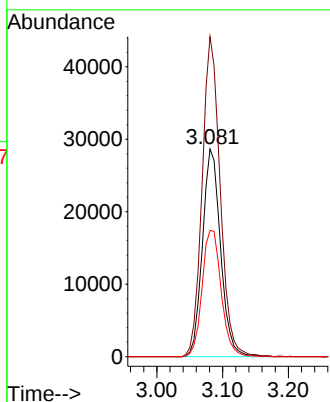
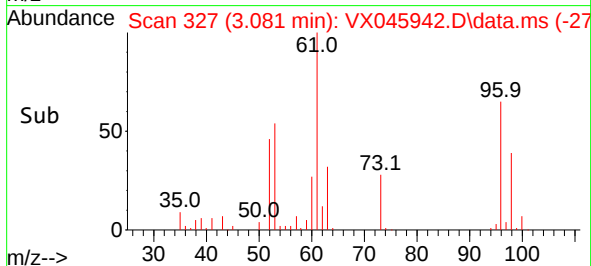
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5496
Ion Ratio Lower Upper
96 100
61 154.1 121.0 181.6
98 60.8 49.7 74.5

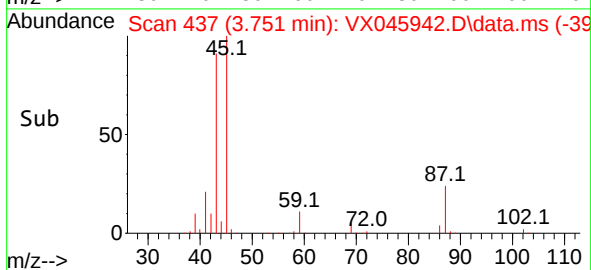
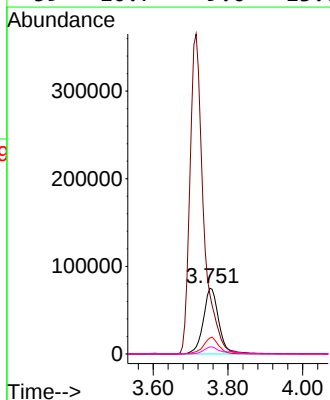
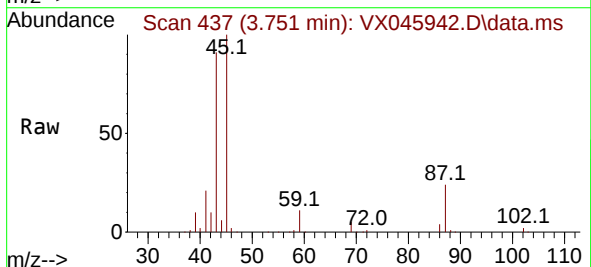
Manual Integrations
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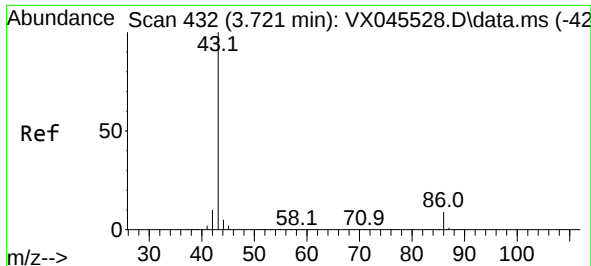
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#22
Diisopropyl ether
Concen: 54.454 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 45 Resp: 214380
Ion Ratio Lower Upper
45 100
43 90.2 59.3 88.9#
87 24.3 20.4 30.6
59 10.7 9.0 13.6





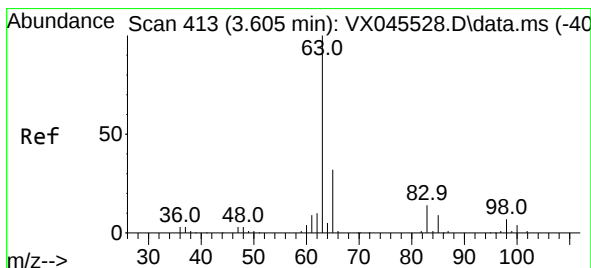
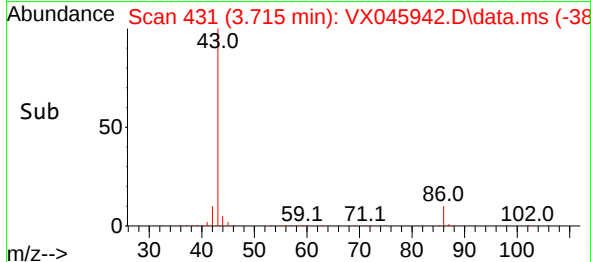
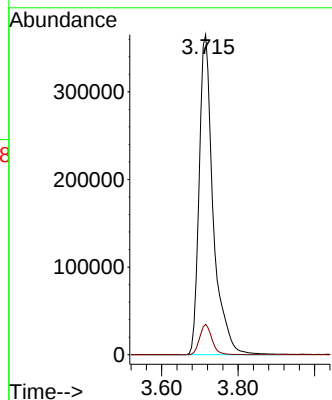
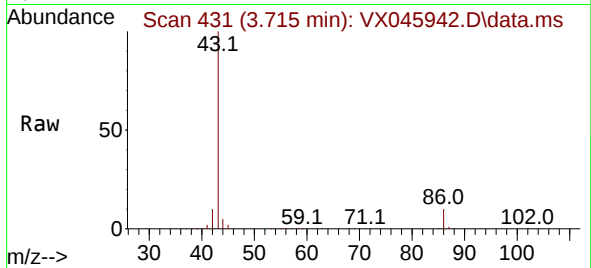
#23
 Vinyl Acetate
 Concen: 272.862 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 928124
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

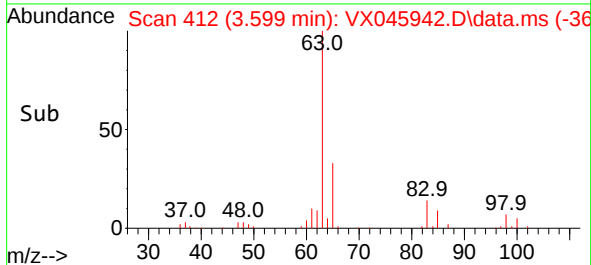
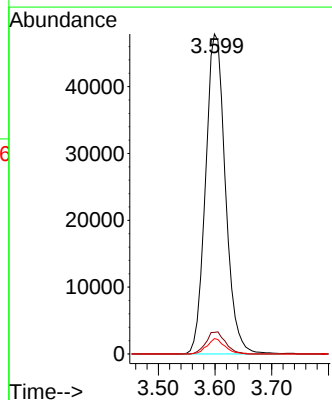
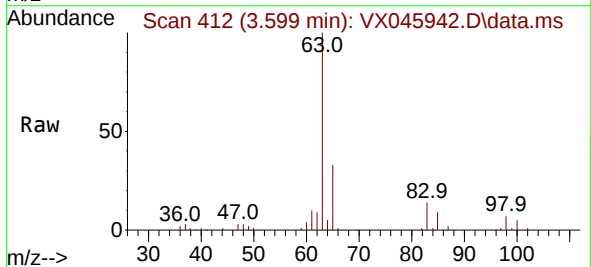
Manual Integrations
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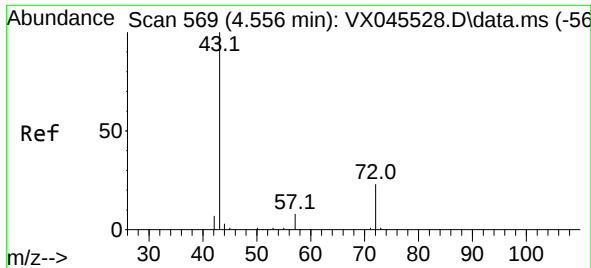
Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025



#24
 1,1-Dichloroethane
 Concen: 52.220 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Tgt Ion: 63 Resp: 116265
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.8 2.2 6.6





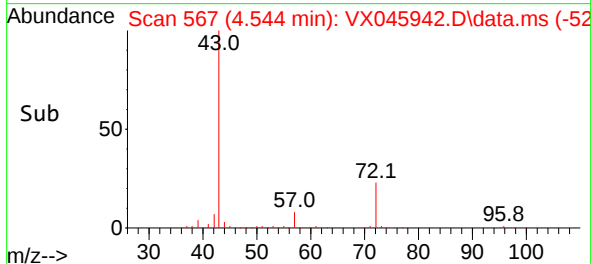
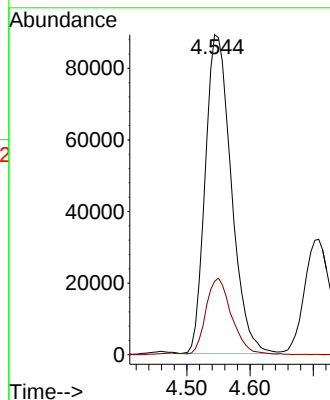
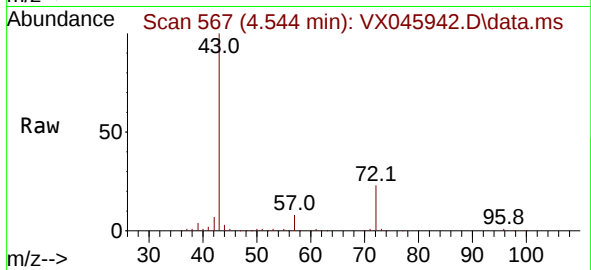
#25
2-Butanone
Concen: 264.101 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254715
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0

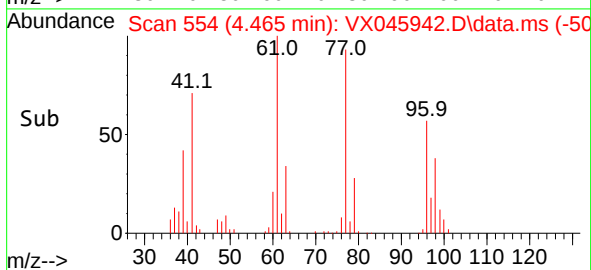
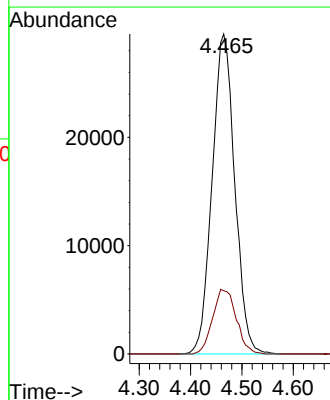
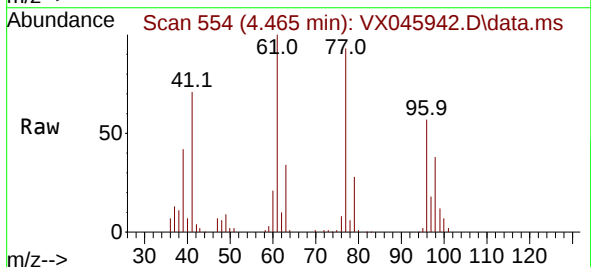
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#26
2,2-Dichloropropane
Concen: 62.773 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 77 Resp: 90299
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 51.645 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

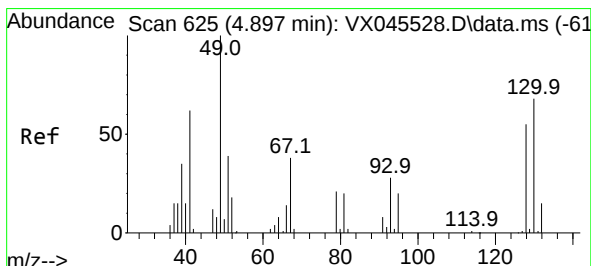
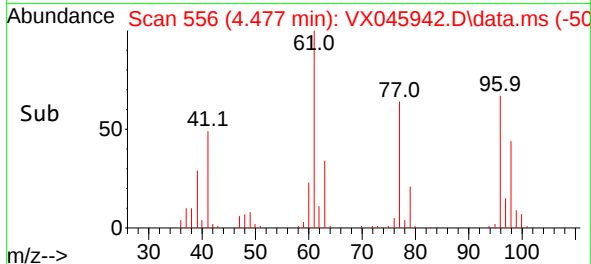
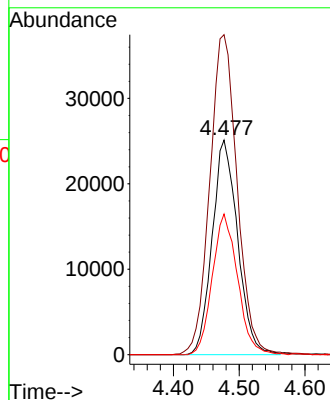
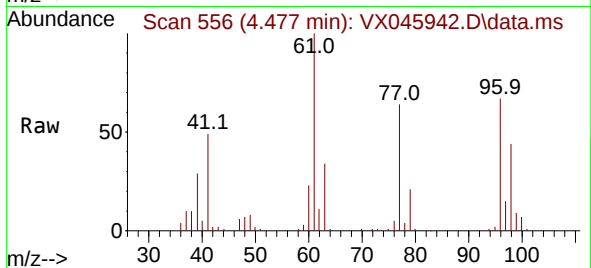
Tgt Ion: 96 Resp: 67709
 Ion Ratio Lower Upper
 96 100
 61 160.4 0.0 313.2
 98 65.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#28

Bromochloromethane

Concen: 47.955 ug/l

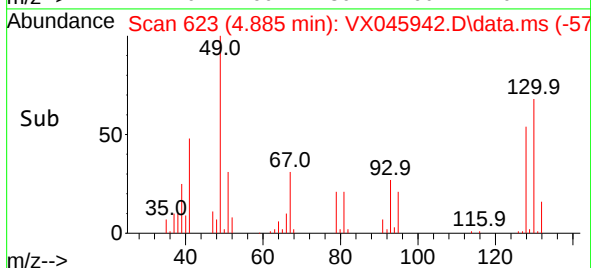
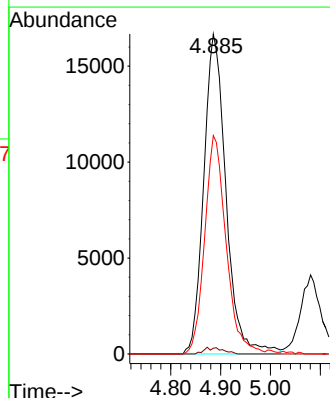
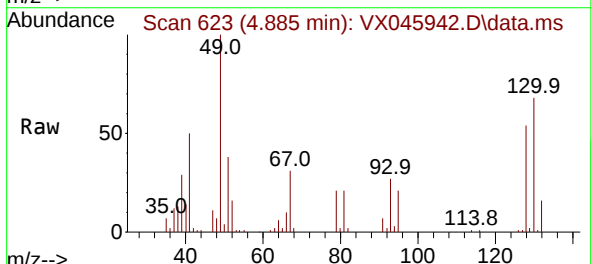
RT: 4.885 min Scan# 623

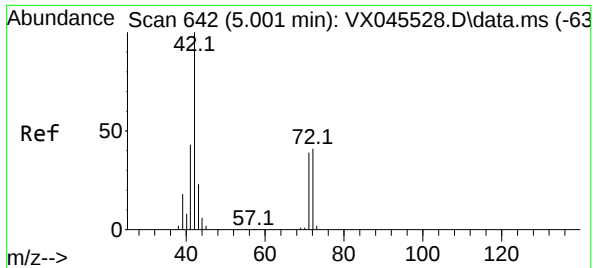
Delta R.T. -0.012 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

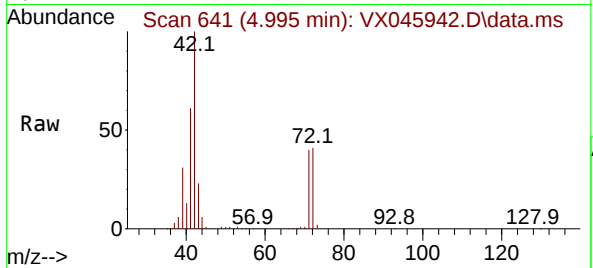
Tgt Ion: 49 Resp: 51596
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 65.7 54.6 81.8





#29
Tetrahydrofuran
Concen: 257.629 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

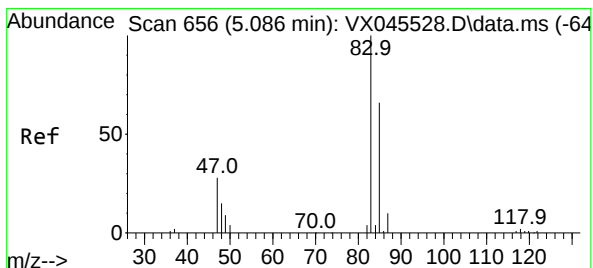
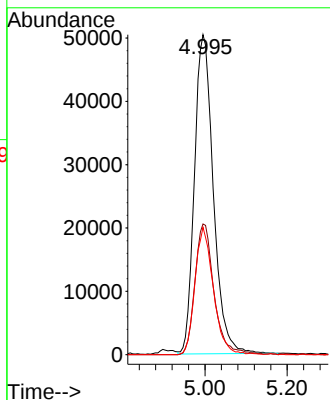
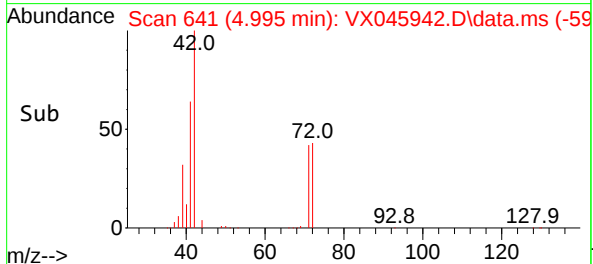
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



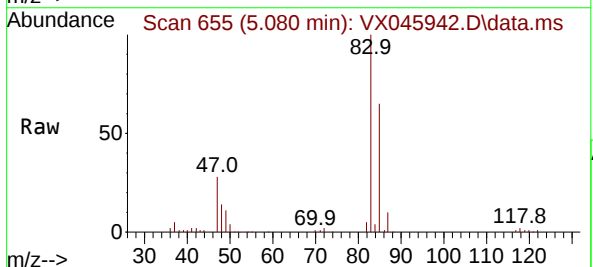
Tgt Ion: 42 Resp: 161093
Ion Ratio Lower Upper
42 100
72 41.4 33.4 50.0
71 38.7 31.4 47.0

Manual Integrations
APPROVED

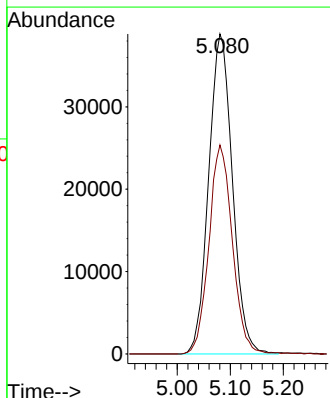
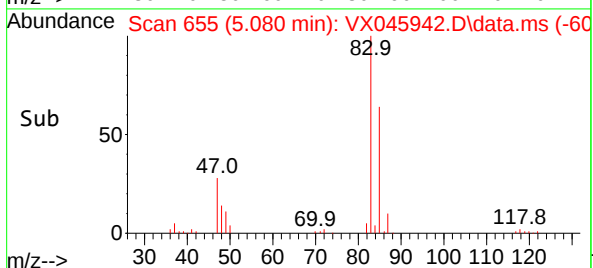
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

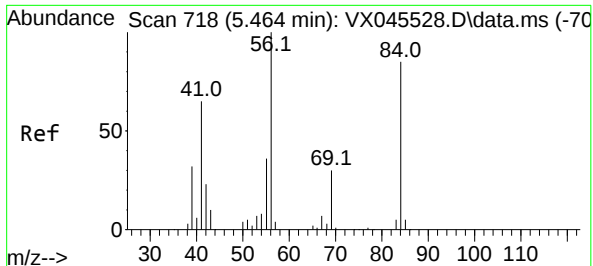


#30
Chloroform
Concen: 52.709 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



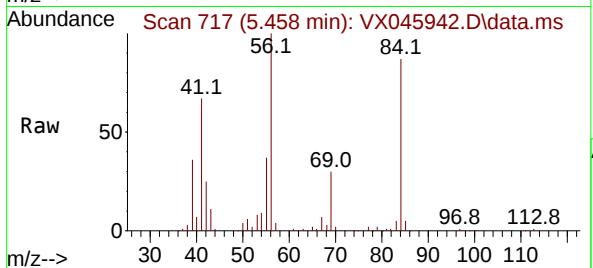
Tgt Ion: 83 Resp: 120755
Ion Ratio Lower Upper
83 100
85 65.3 52.8 79.2





#31
Cyclohexane
Concen: 51.312 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

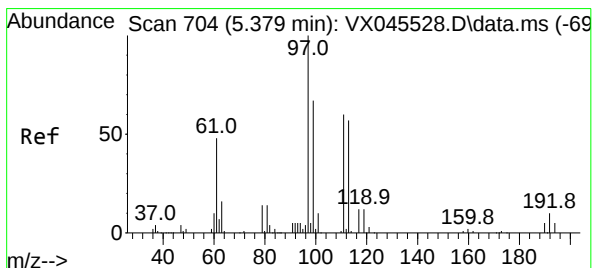
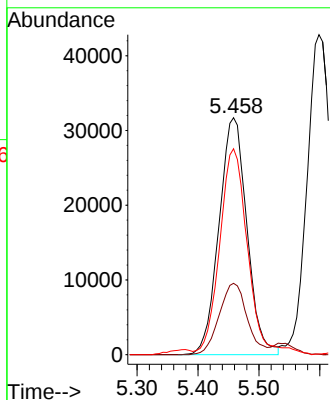
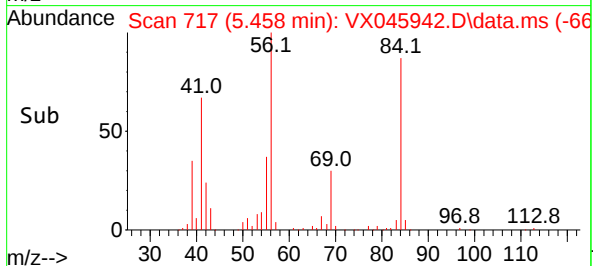
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



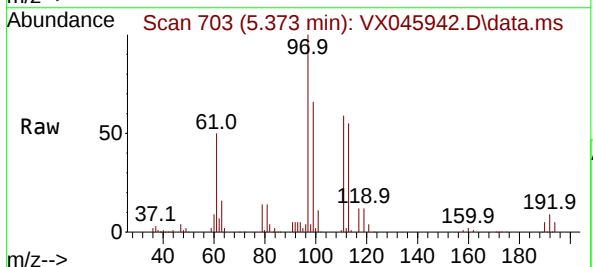
Tgt Ion: 56 Resp: 100997
Ion Ratio Lower Upper
56 100
69 30.1 23.6 35.4
84 85.1 67.7 101.5

Manual Integrations
APPROVED

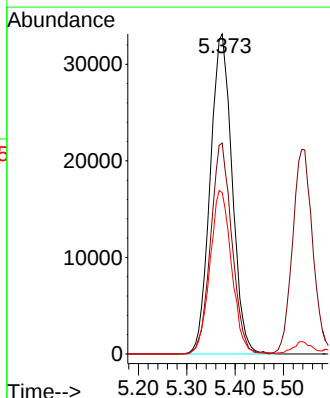
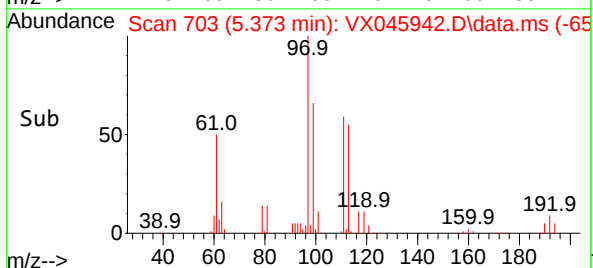
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

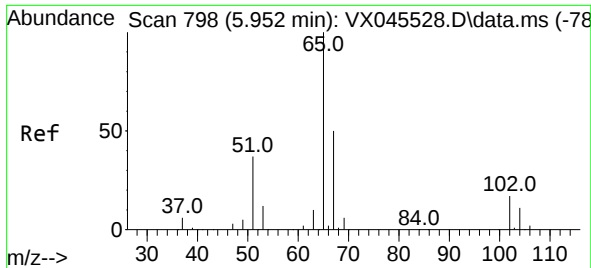


#32
1,1,1-Trichloroethane
Concen: 53.734 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion: 97 Resp: 104165
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 50.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 49.140 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7884

Ion Ratio Lower Upper

65 100

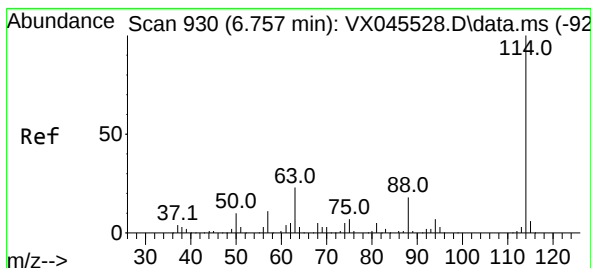
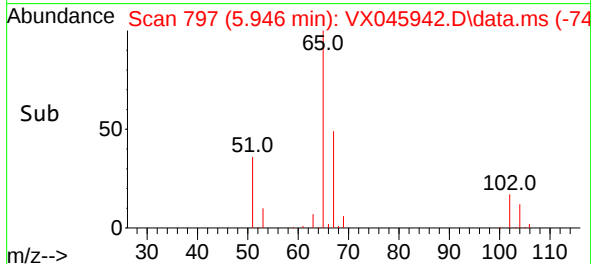
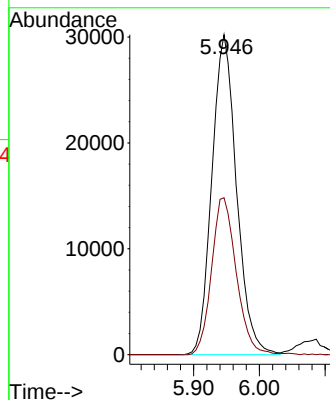
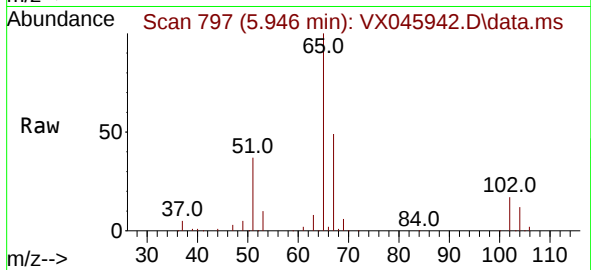
67 49.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

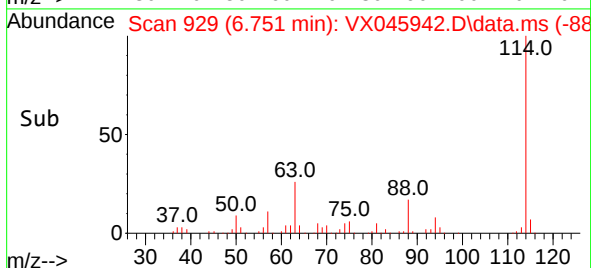
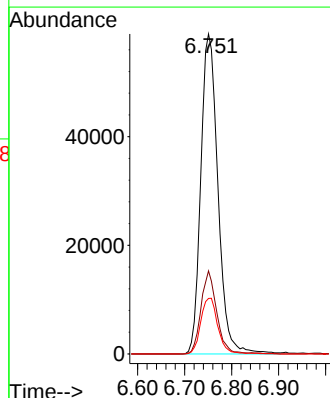
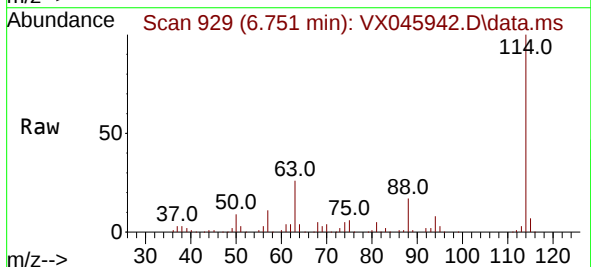
Tgt Ion:114 Resp: 149428

Ion Ratio Lower Upper

114 100

63 26.0 0.0 46.8

88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

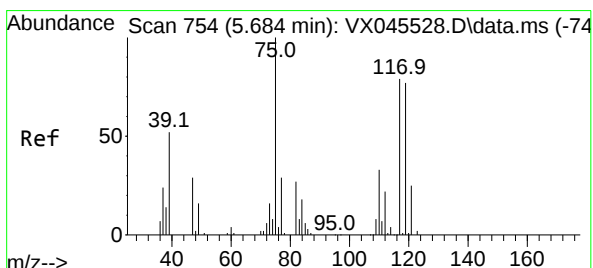
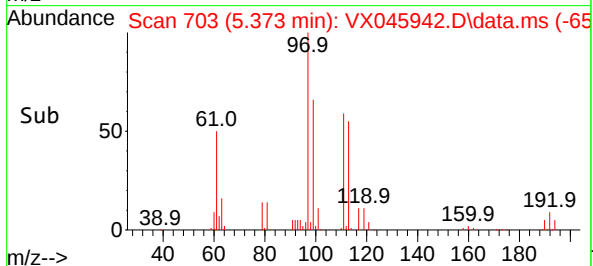
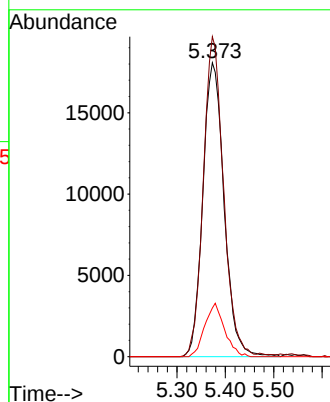
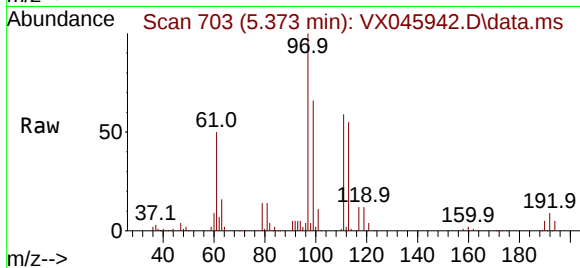
Tgt Ion:	113	Resp:	5513
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.8	122.6
192	16.9	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#36

1,1-Dichloropropene

Concen: 54.544 ug/l

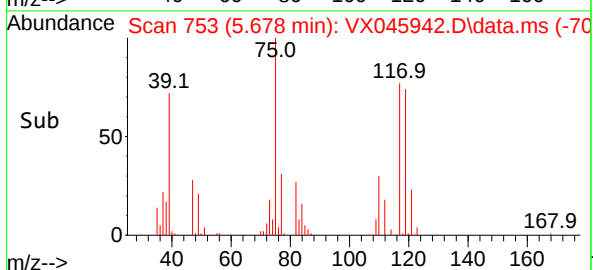
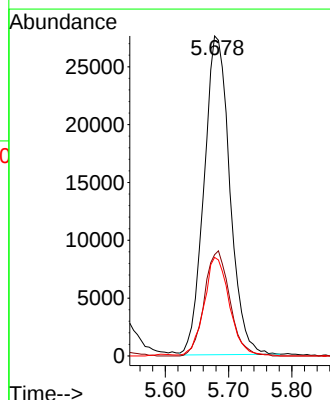
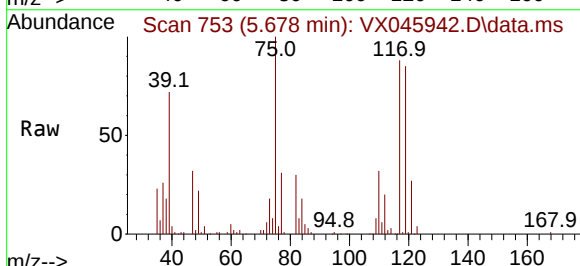
RT: 5.678 min Scan# 753

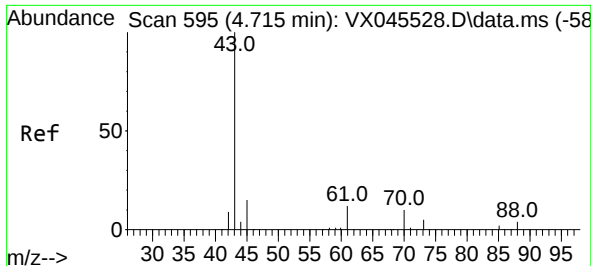
Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:	75	Resp:	78078
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.9	50.6
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 53.744 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9695

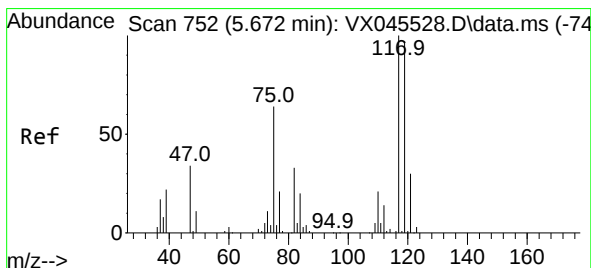
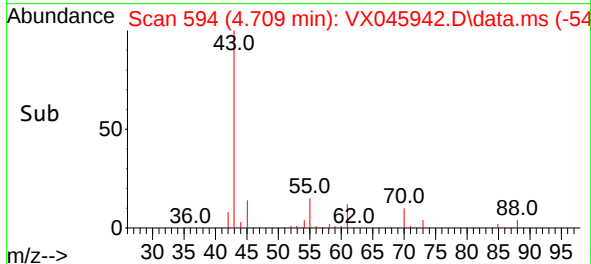
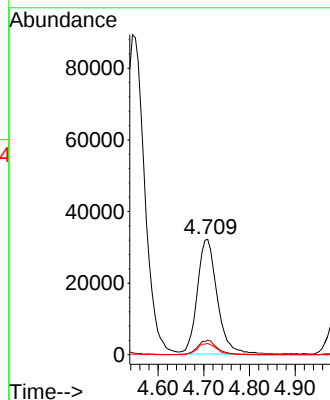
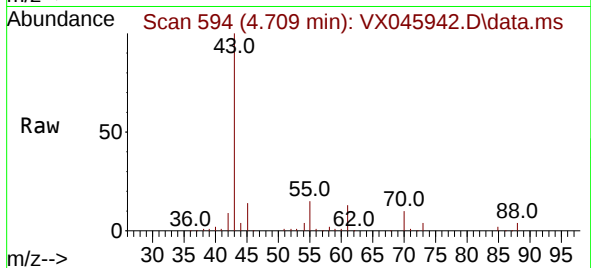
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#38

Carbon Tetrachloride

Concen: 58.648 ug/l

RT: 5.666 min Scan# 751

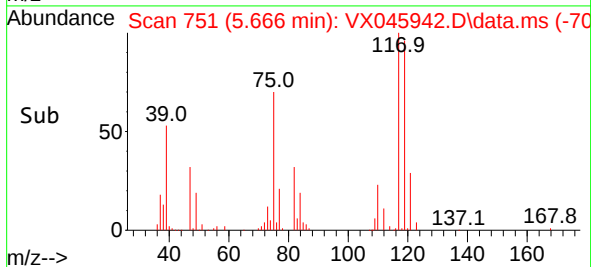
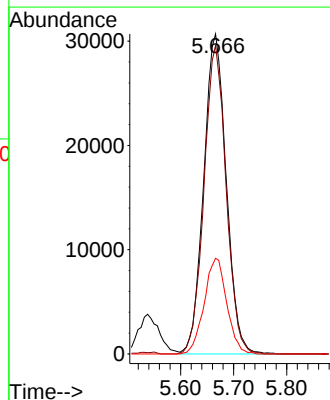
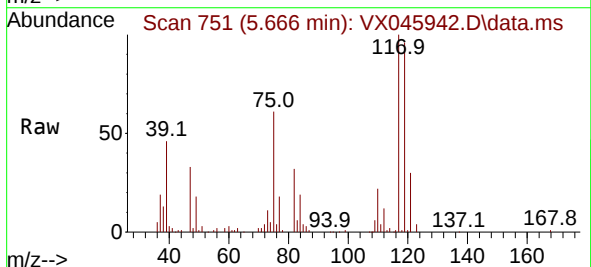
Delta R.T. -0.006 min

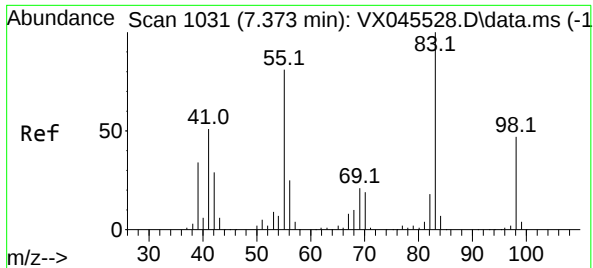
Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:117 Resp: 90733

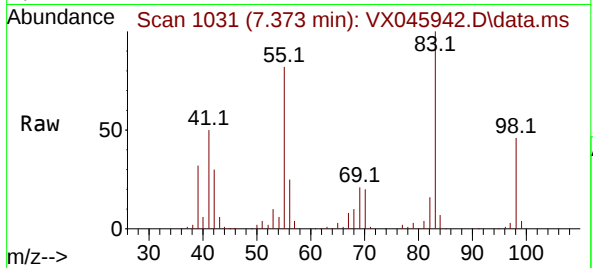
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
121	29.9	24.2	36.2





#39
Methylcyclohexane
Concen: 57.390 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

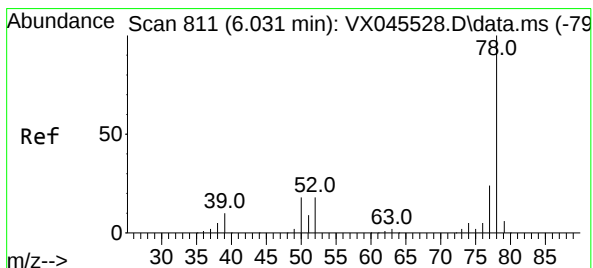
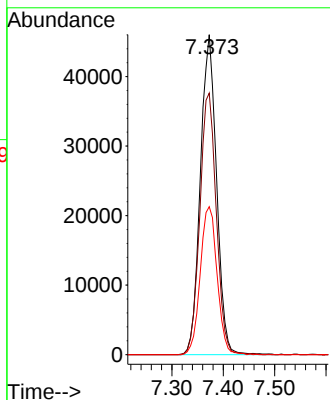
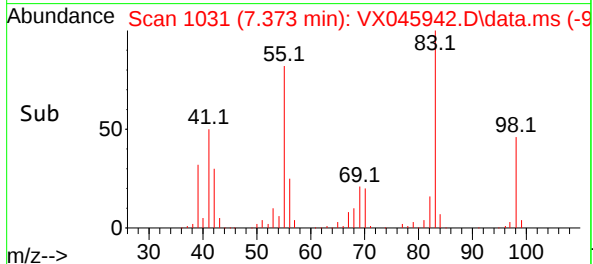
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



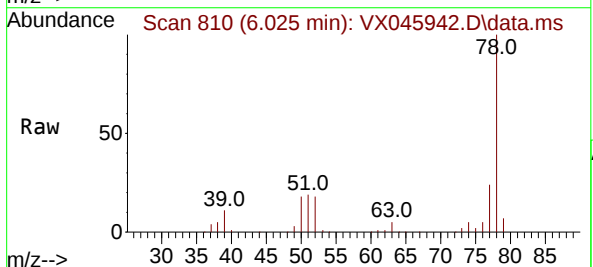
Tgt Ion: 83 Resp: 100702
Ion Ratio Lower Upper
83 100
55 81.7 64.9 97.3
98 46.3 37.4 56.0

Manual Integrations
APPROVED

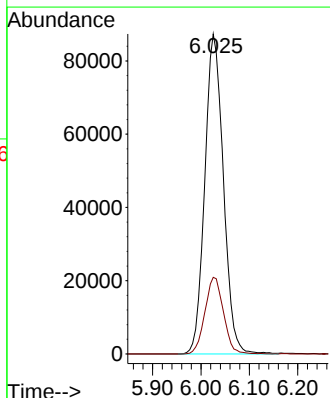
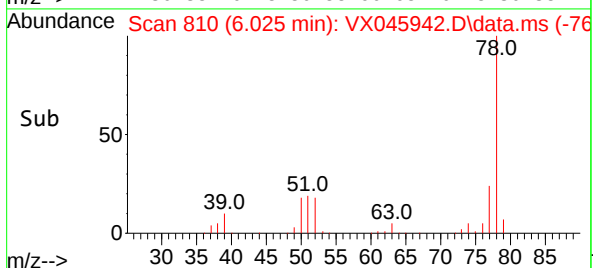
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#40
Benzene
Concen: 53.367 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion: 78 Resp: 233315
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





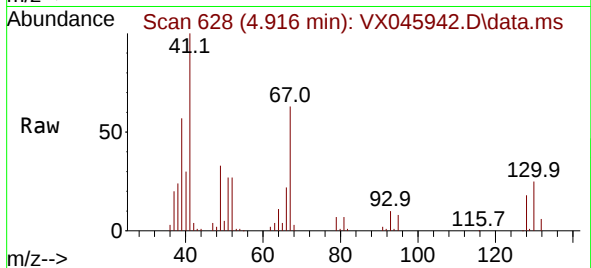
#41
Methacrylonitrile
Concen: 59.390 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



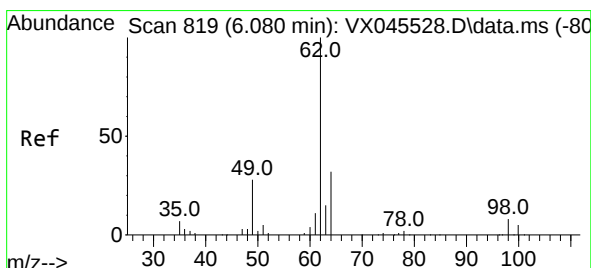
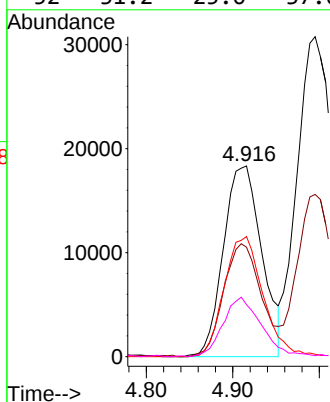
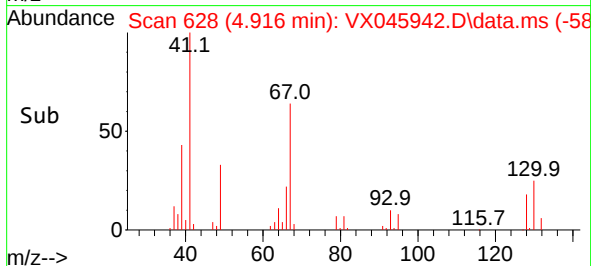
Tgt Ion: 41 Resp: 56528
Ion Ratio Lower Upper
41 100
39 58.3 47.0 70.6
67 64.1 53.2 79.8
52 31.2 25.0 37.6

Manual Integrations

APPROVED

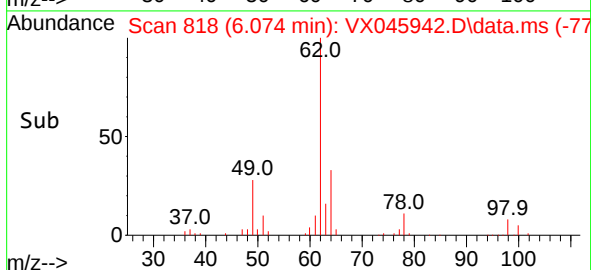
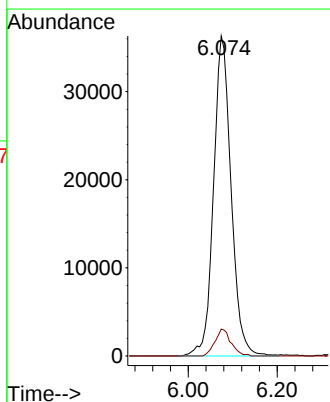
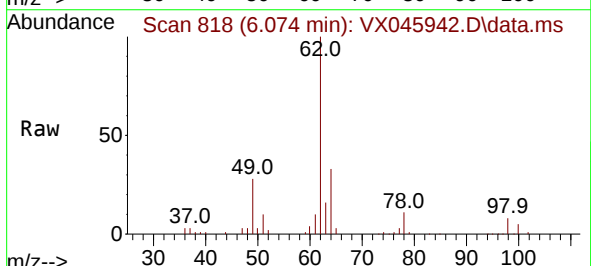
Reviewed By :John Carlone 04/28/2025

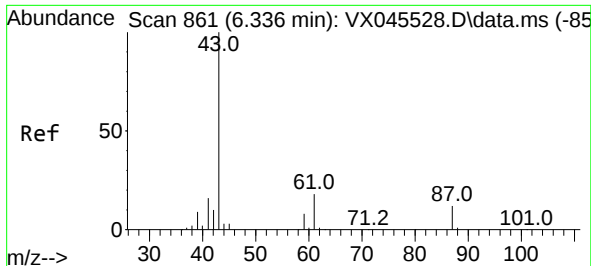
Supervised By :Semsettin Yesilyurt 04/28/2025



#42
1,2-Dichloroethane
Concen: 55.075 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 62 Resp: 99449
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 55.746 ug/l

RT: 6.330 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX045942.D

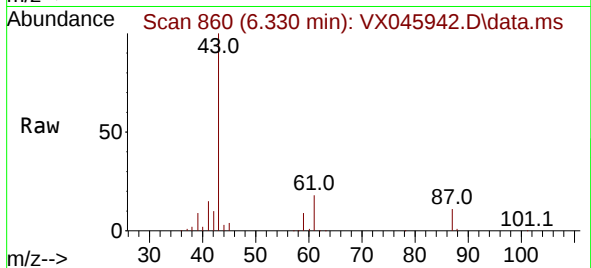
Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 152410

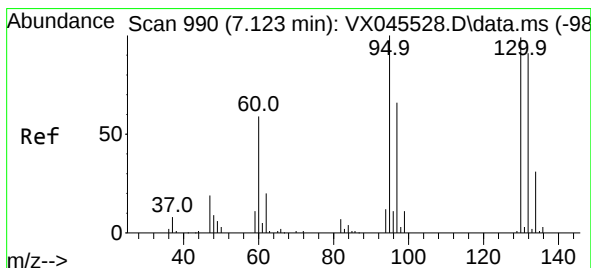
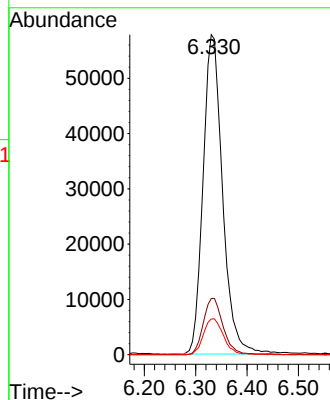
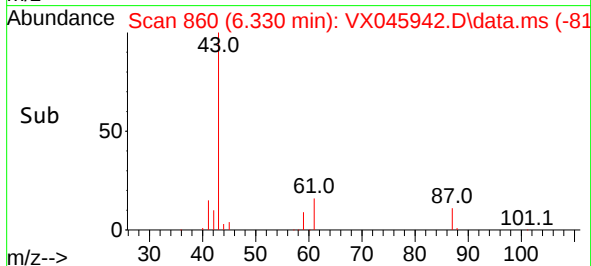
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.1	21.1
87	11.5	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#44

Trichloroethene

Concen: 54.120 ug/l

RT: 7.117 min Scan# 989

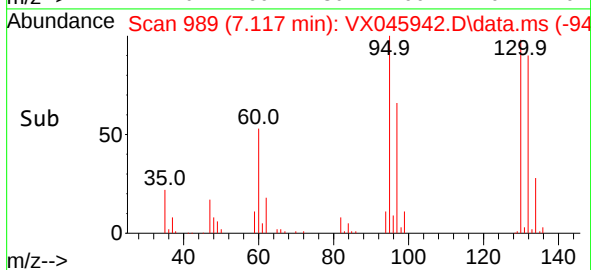
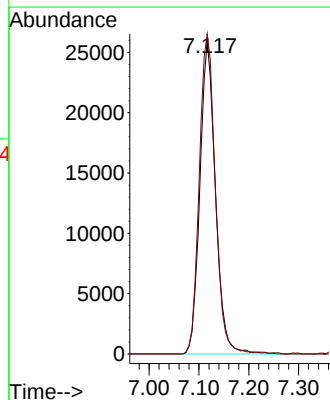
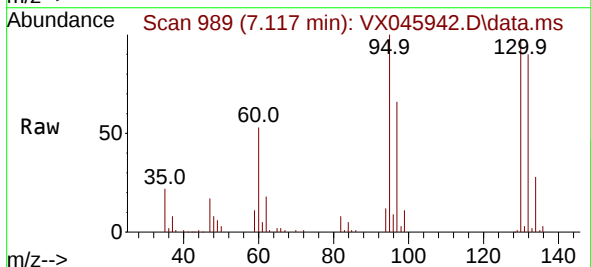
Delta R.T. -0.006 min

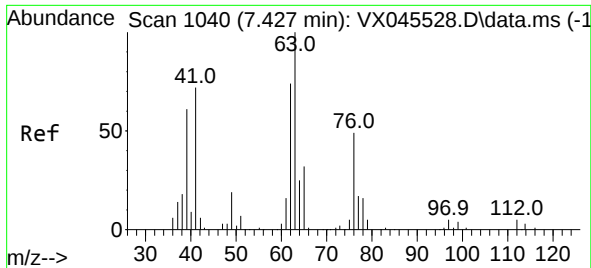
Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:130 Resp: 56237

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	202.0





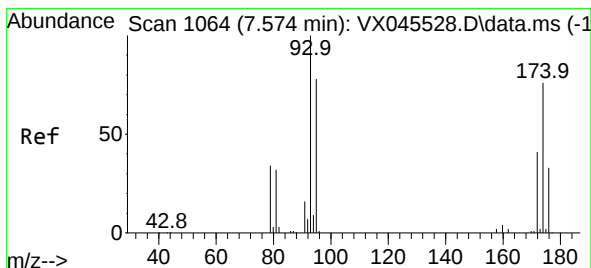
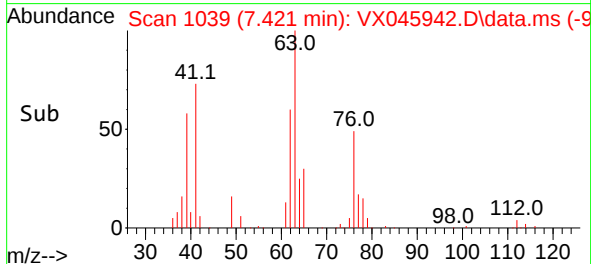
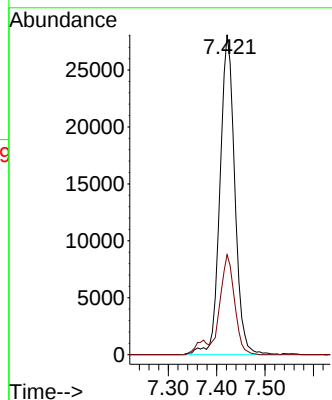
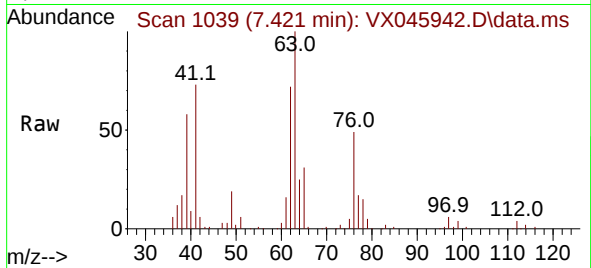
#45
1,2-Dichloropropane
Concen: 54.928 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 59910
Ion Ratio Lower Upper
63 100
65 31.3 25.8 38.6

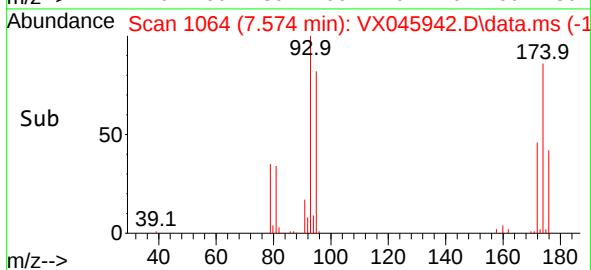
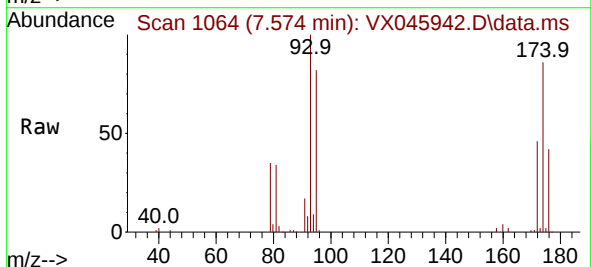
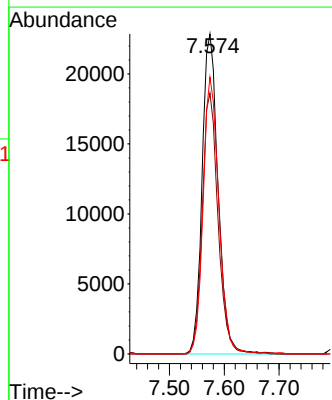
Manual Integrations
APPROVED

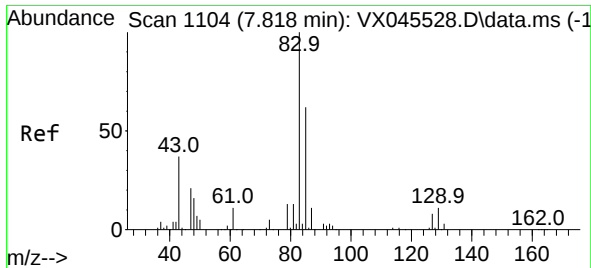
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#46
Dibromomethane
Concen: 55.210 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 93 Resp: 46231
Ion Ratio Lower Upper
93 100
95 80.3 64.8 97.2
174 85.1 65.4 98.0





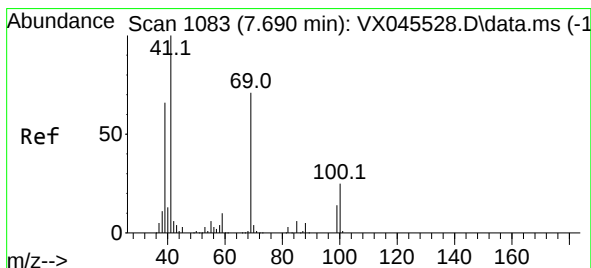
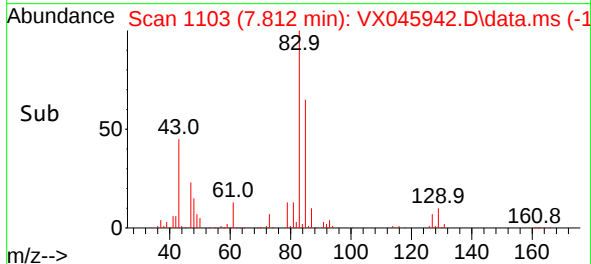
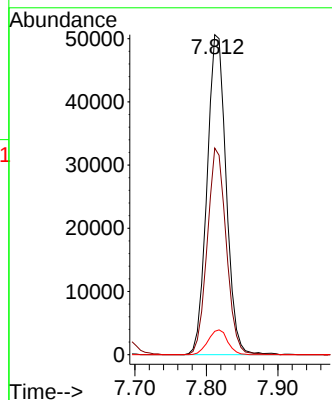
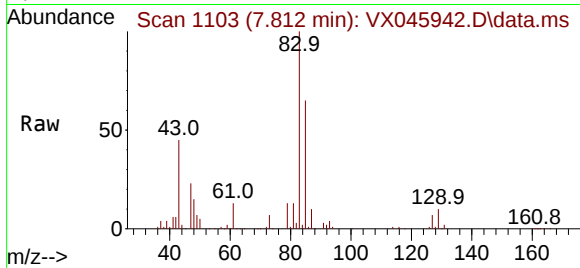
#47
Bromodichloromethane
Concen: 56.162 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 93918
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5
127 7.3 6.1 9.1

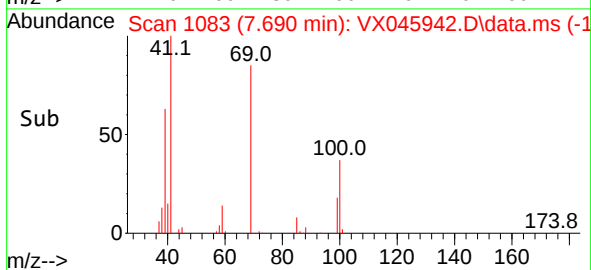
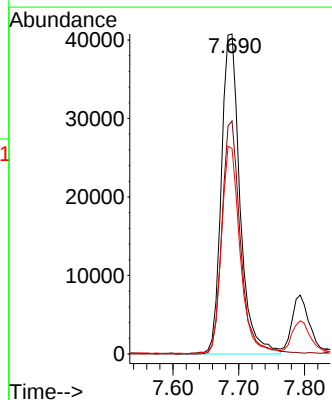
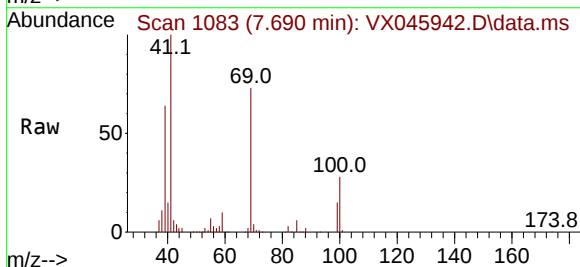
Manual Integrations
APPROVED

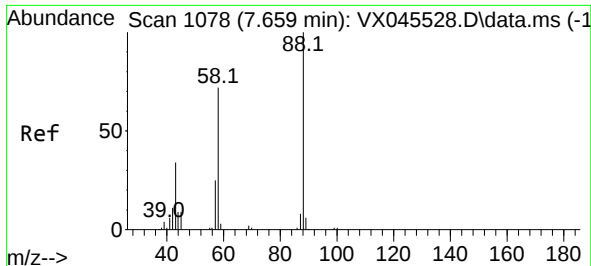
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#48
Methyl methacrylate
Concen: 57.064 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

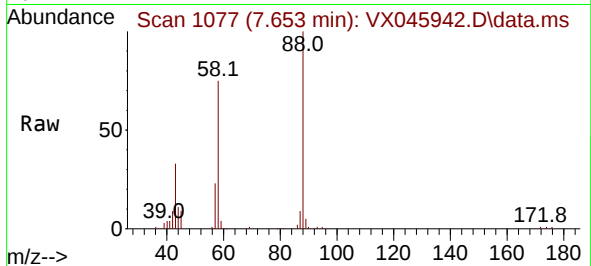
Tgt Ion: 41 Resp: 80556
Ion Ratio Lower Upper
41 100
69 72.0 58.2 87.2
39 65.3 53.6 80.4





#49
1,4-Dioxane
Concen: 1048.783 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

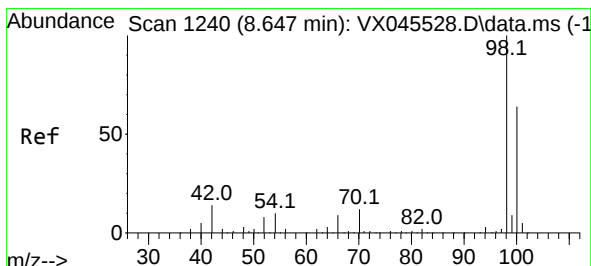
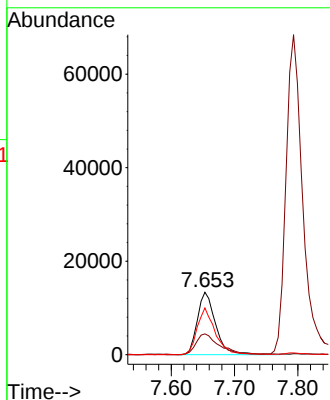
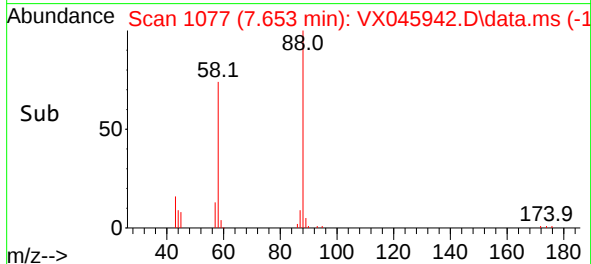
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2678
Ion Ratio Lower Upper
88 100
43 42.5 32.2 48.4
58 74.8 58.6 88.0

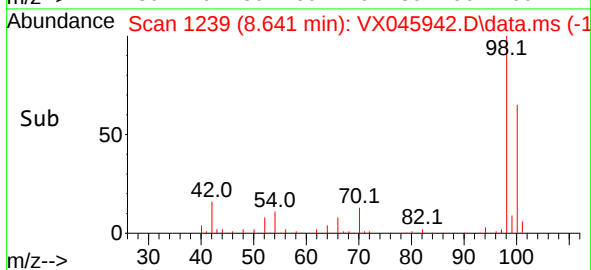
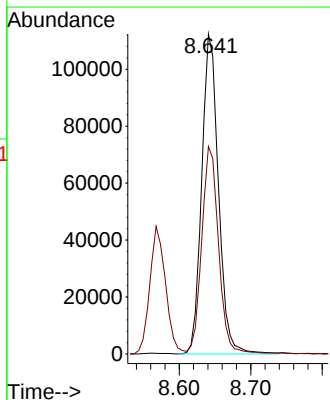
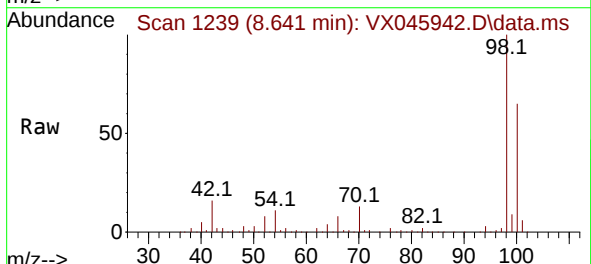
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#50
Toluene-d8
Concen: 49.420 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 98 Resp: 182880
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





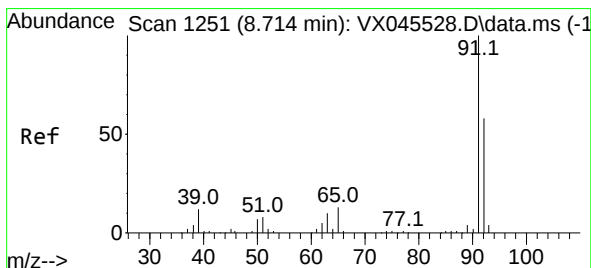
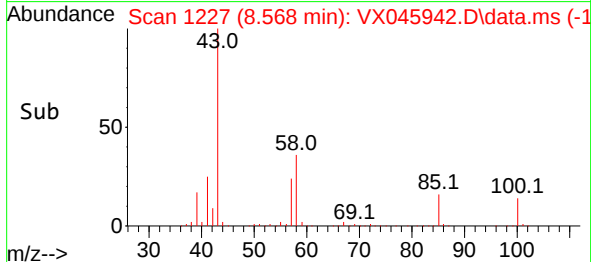
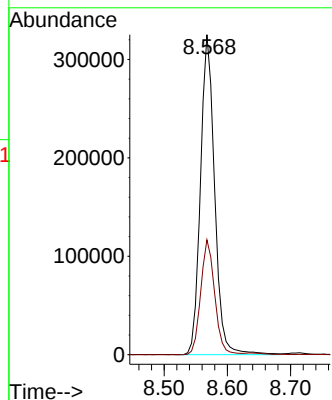
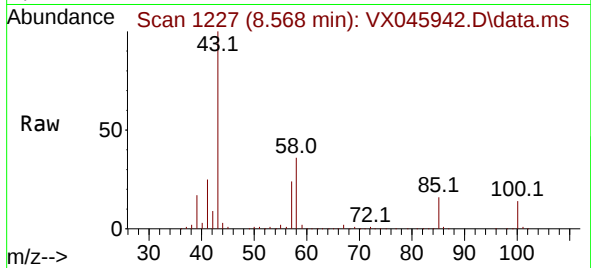
#51
4-Methyl-2-Pentanone
Concen: 280.439 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 508290
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

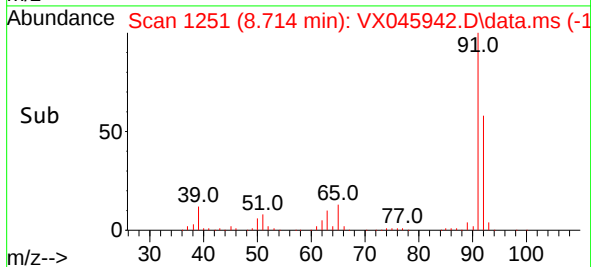
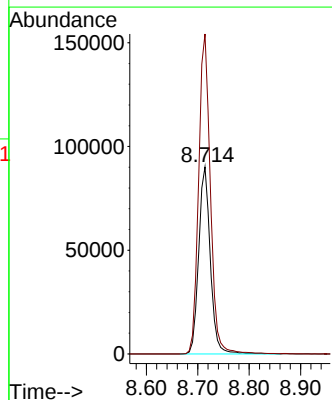
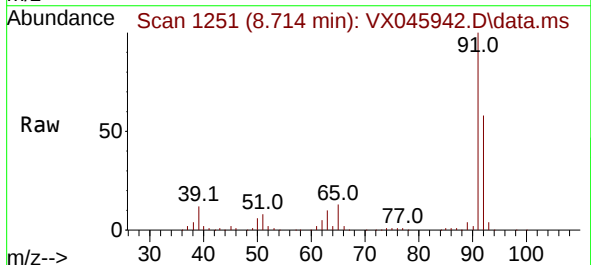
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#52
Toluene
Concen: 53.745 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 92 Resp: 142178
Ion Ratio Lower Upper
92 100
91 172.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.494 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 84610

Ion Ratio Lower Upper

75 100

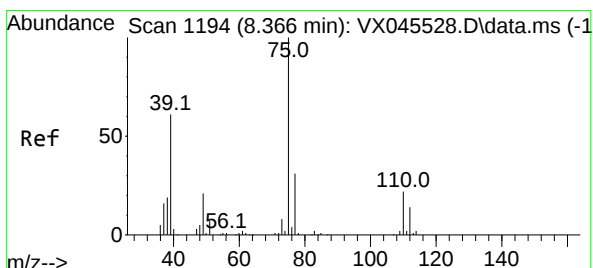
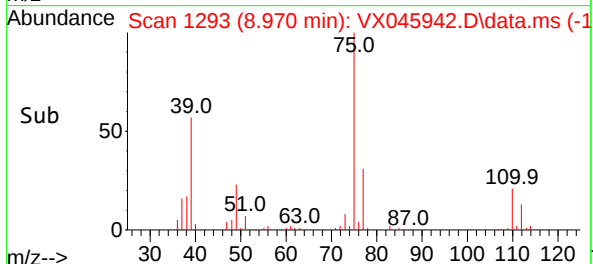
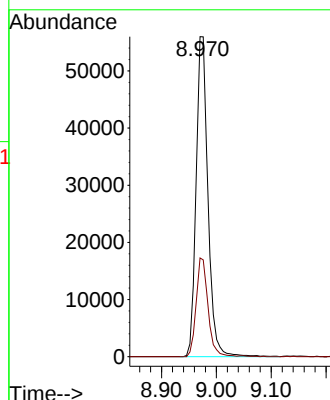
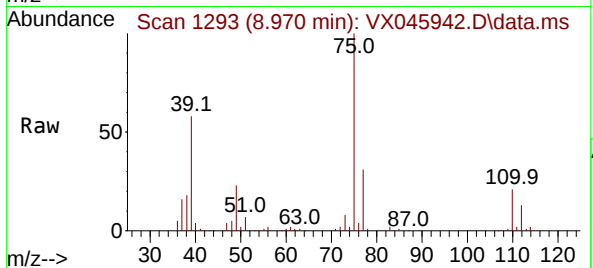
77 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#54

cis-1,3-Dichloropropene

Concen: 59.009 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

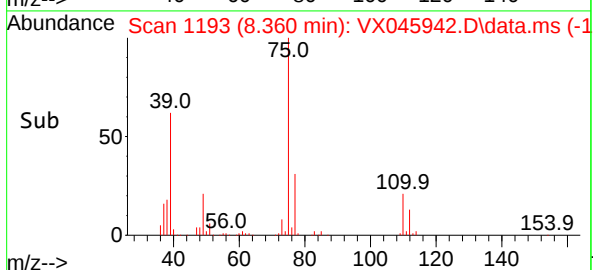
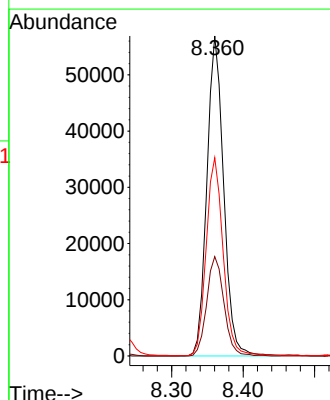
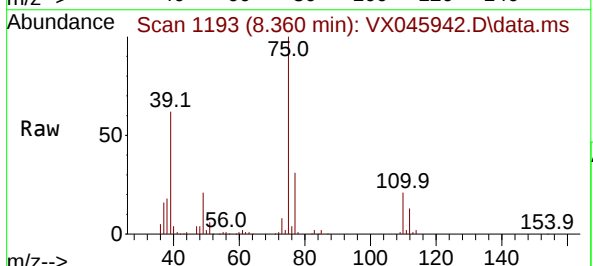
Tgt Ion: 75 Resp: 92730

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

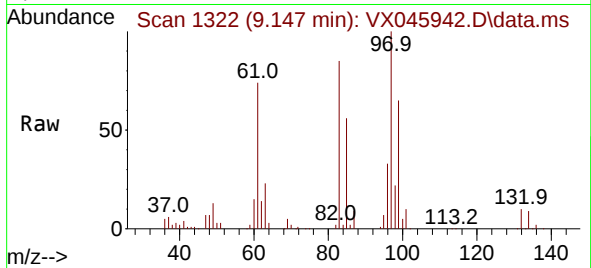
39 61.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 53.915 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

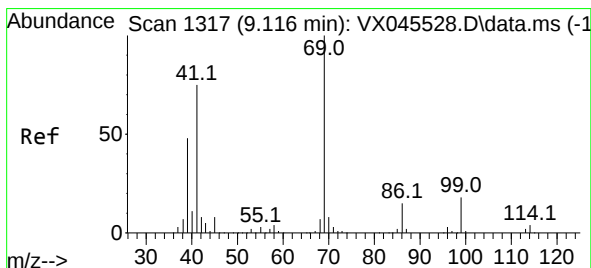
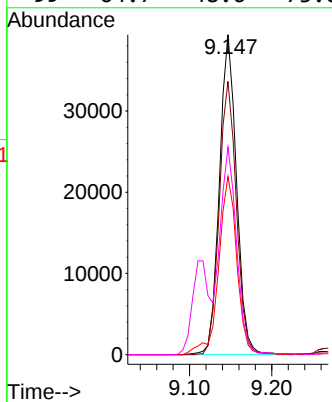
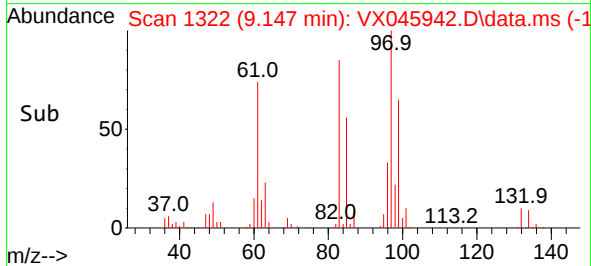
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



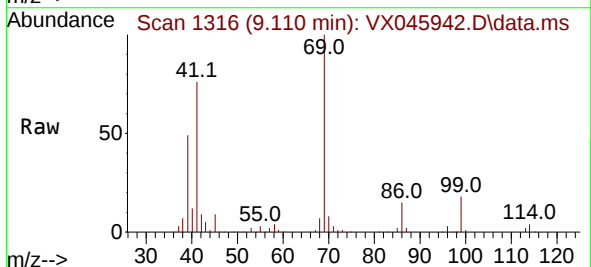
Tgt Ion: 97 Resp: 5683
Ion Ratio Lower Upper
97 100
83 85.4 71.8 107.8
85 55.7 47.0 70.6
99 64.7 48.6 73.0

Manual Integrations
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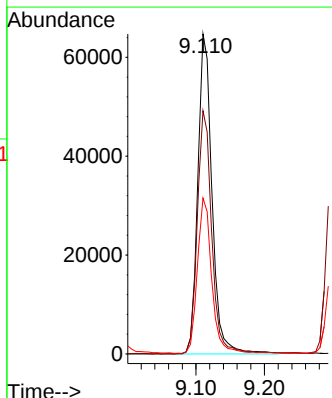
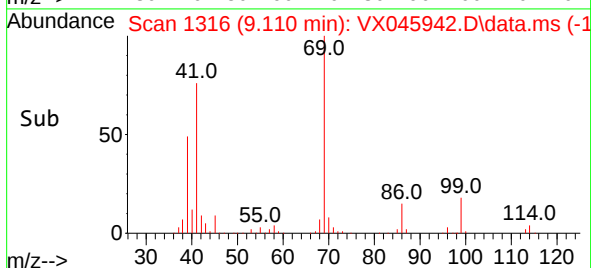
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

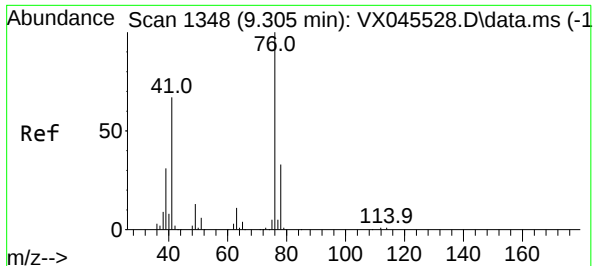


#56
Ethyl methacrylate
Concen: 57.395 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion: 69 Resp: 93636
Ion Ratio Lower Upper
69 100
41 77.4 61.3 91.9
39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 55.245 ug/l

RT: 9.305 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10141

Ion Ratio Lower Upper

76 100

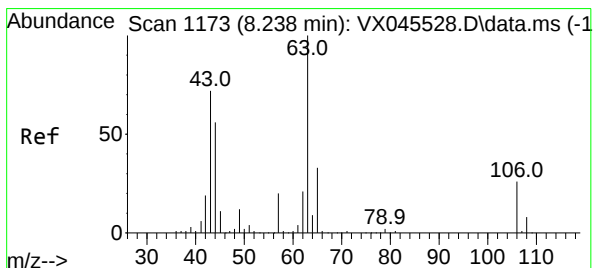
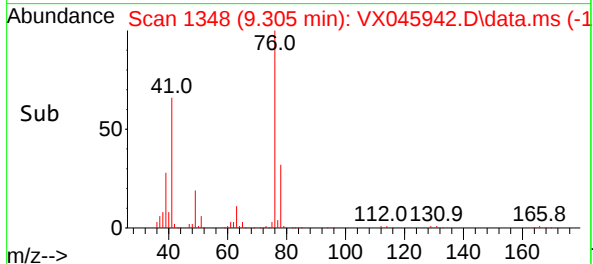
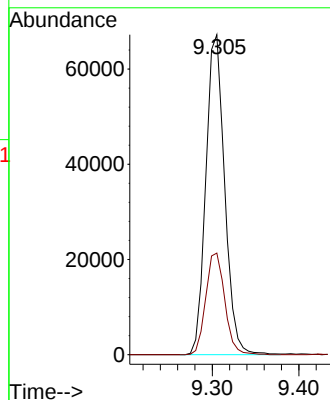
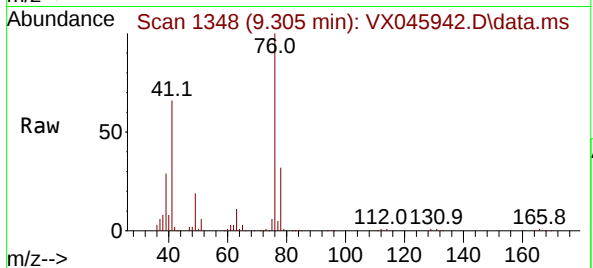
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 260.194 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045942.D

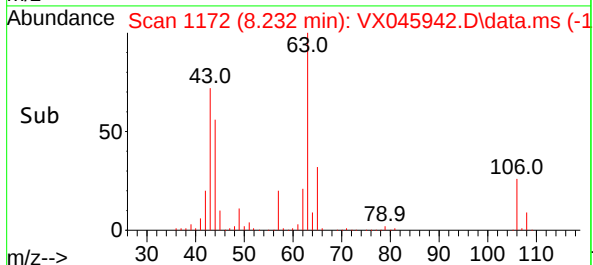
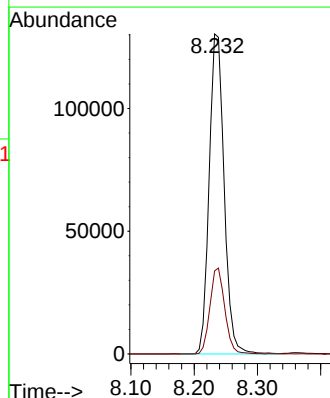
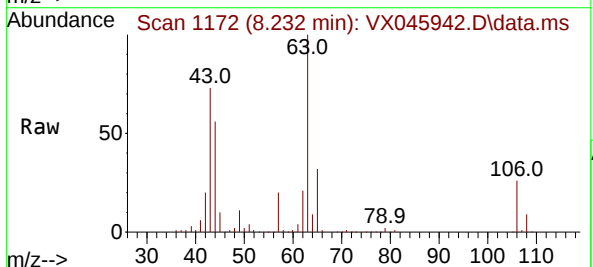
Acq: 25 Apr 2025 15:38

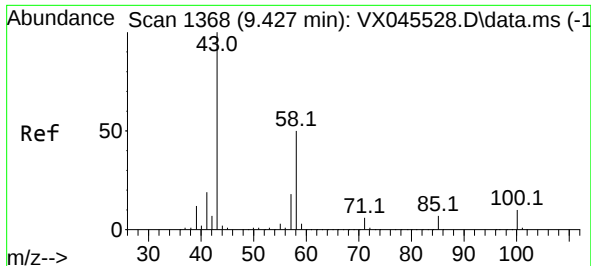
Tgt Ion: 63 Resp: 214738

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 279.073 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 374574

Ion Ratio Lower Upper

43 100

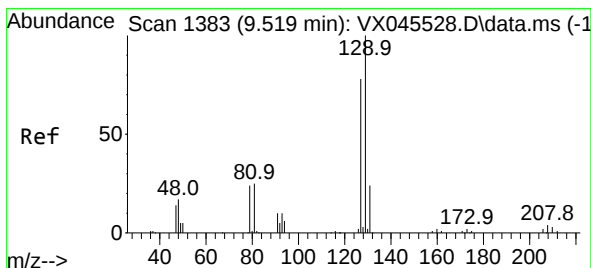
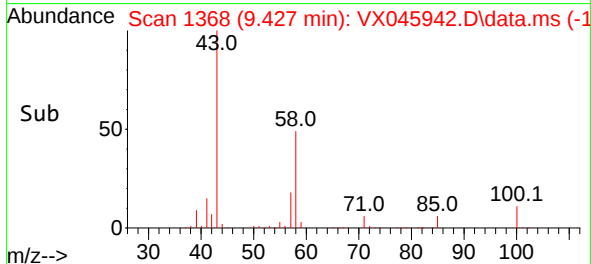
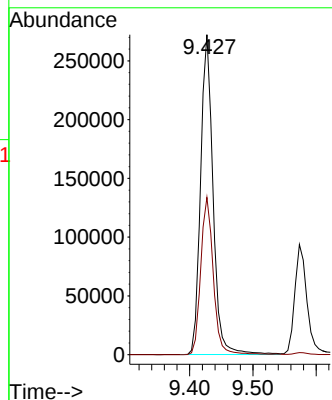
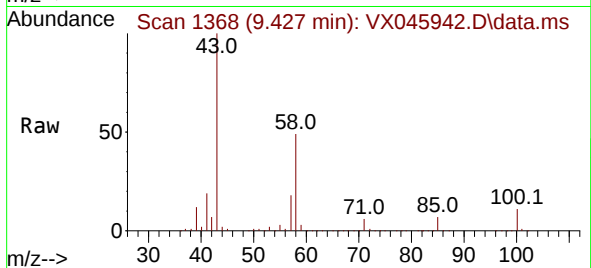
58 49.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#60

Dibromochloromethane

Concen: 57.518 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045942.D

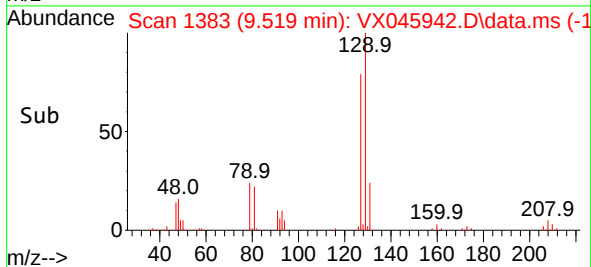
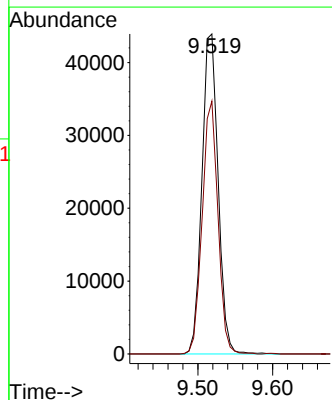
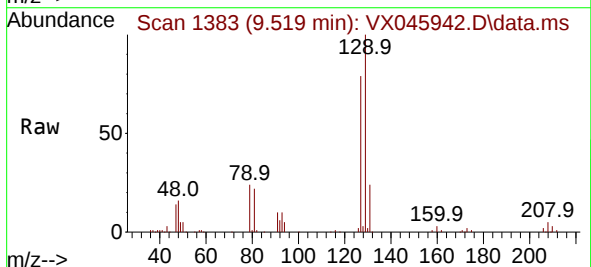
Acq: 25 Apr 2025 15:38

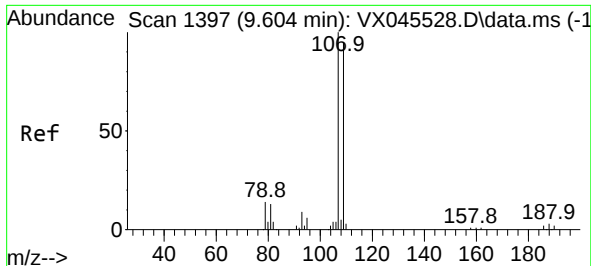
Tgt Ion:129 Resp: 66102

Ion Ratio Lower Upper

129 100

127 76.7 39.4 118.2





#61

1,2-Dibromoethane

Concen: 55.344 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:107 Resp: 5905

Ion Ratio Lower Upper

107 100

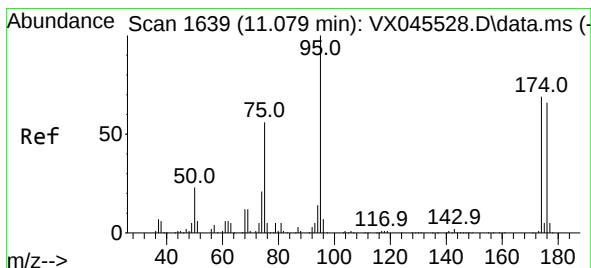
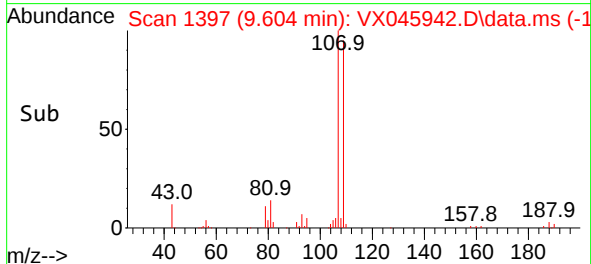
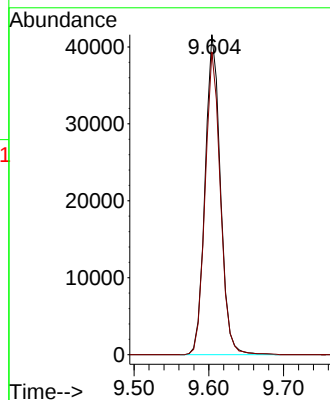
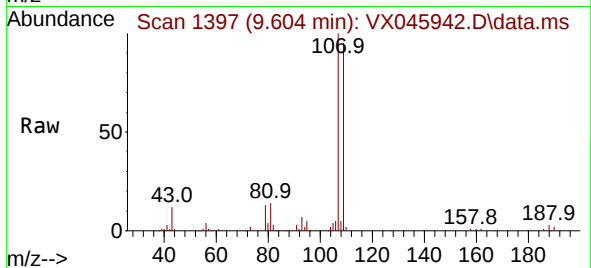
109 94.5 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#62

4-Bromofluorobenzene

Concen: 53.873 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

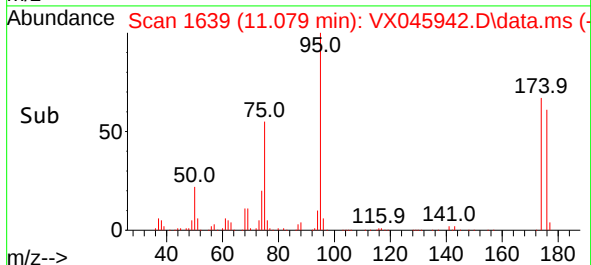
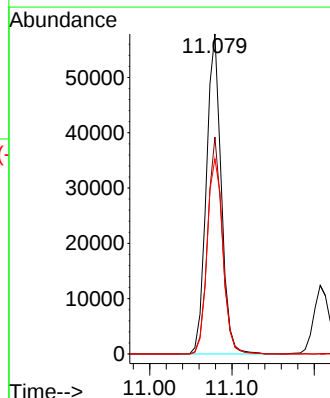
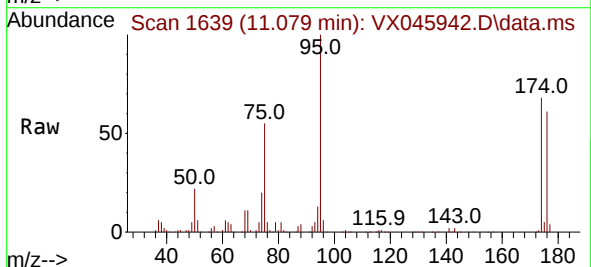
Tgt Ion: 95 Resp: 72616

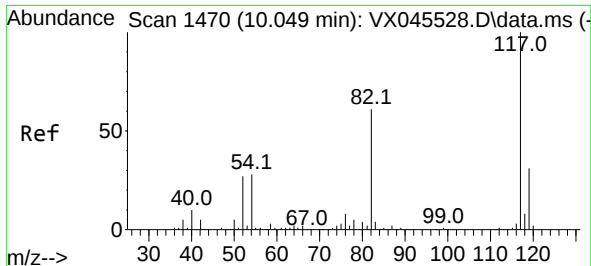
Ion Ratio Lower Upper

95 100

174 66.7 0.0 135.8

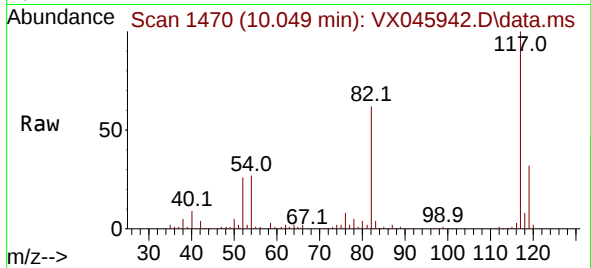
176 64.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

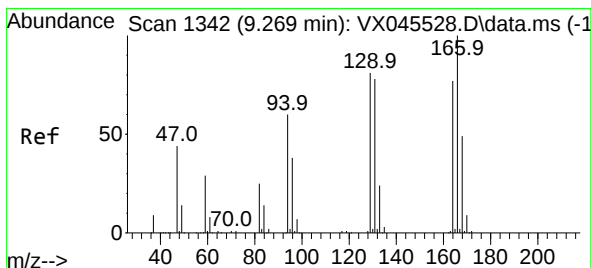
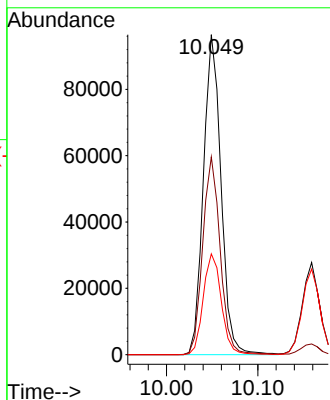
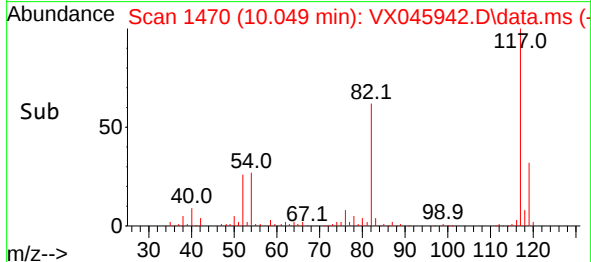
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 12906
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 31.5 25.1 37.7

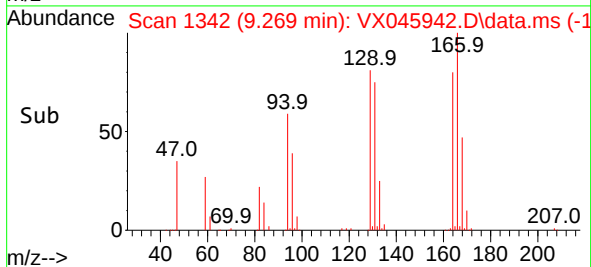
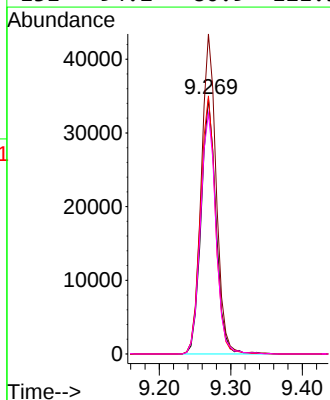
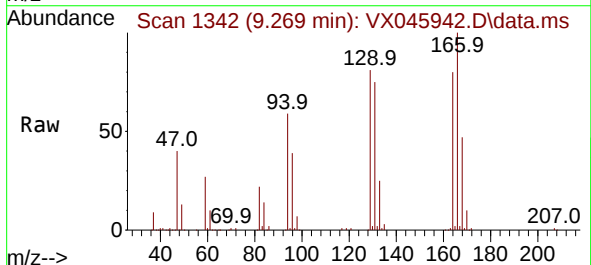
Manual Integrations
APPROVED

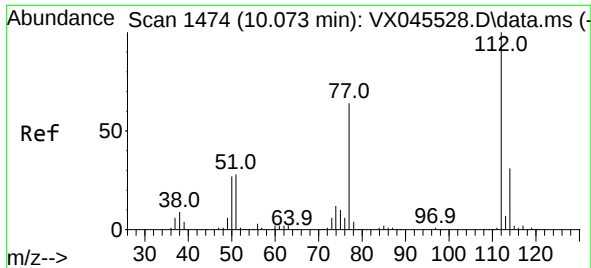
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#64
Tetrachloroethene
Concen: 55.056 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

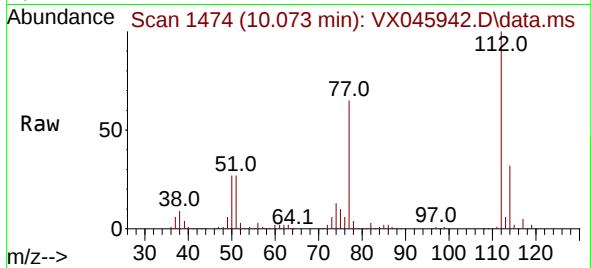
Tgt Ion:164 Resp: 50168
Ion Ratio Lower Upper
164 100
166 125.3 103.8 155.8
129 101.1 84.3 126.5
131 94.2 80.9 121.3





#65
Chlorobenzene
Concen: 55.584 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

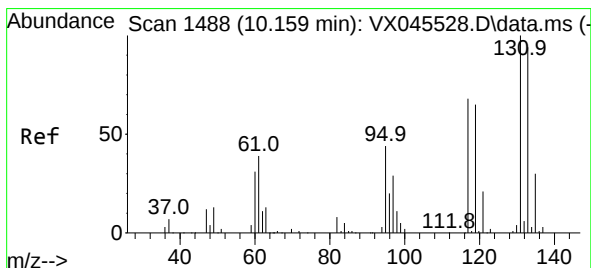
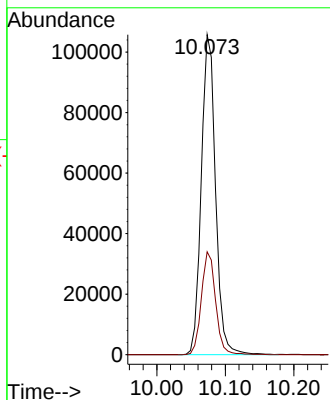
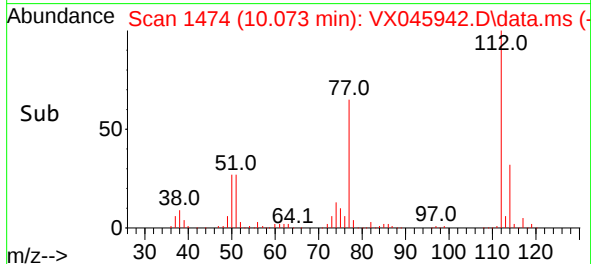
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 15329
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

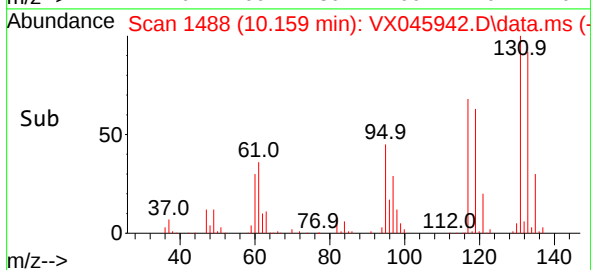
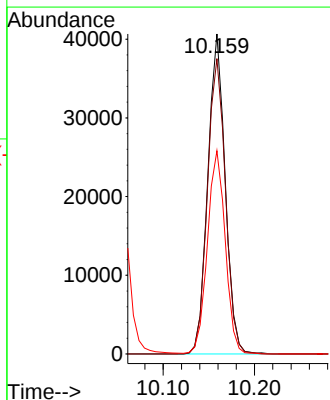
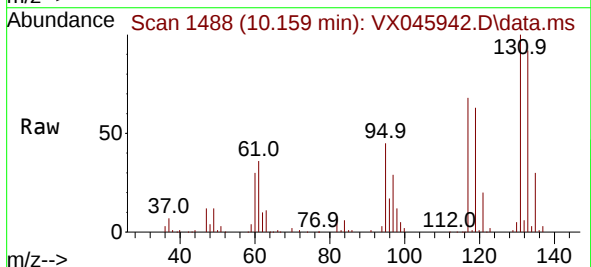
Manual Integrations
APPROVED

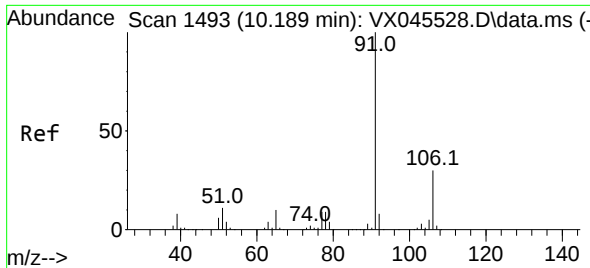
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.999 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

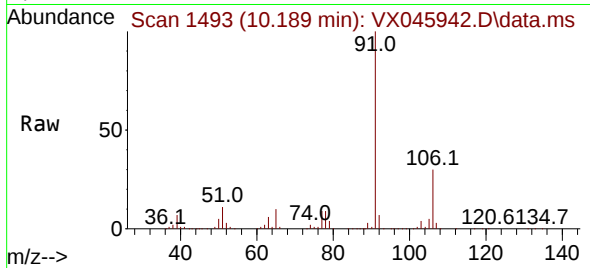
Tgt Ion:131 Resp: 53618
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 65.2 32.9 98.6





#67
Ethyl Benzene
Concen: 56.795 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

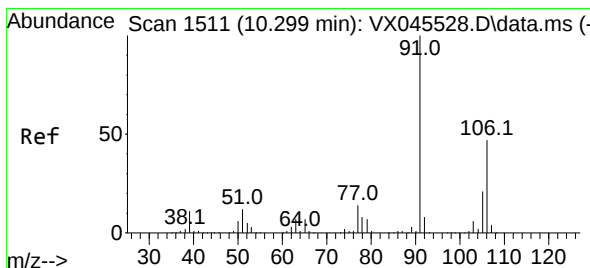
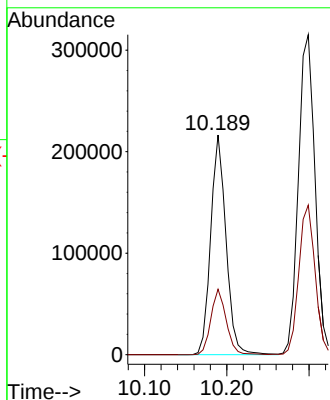
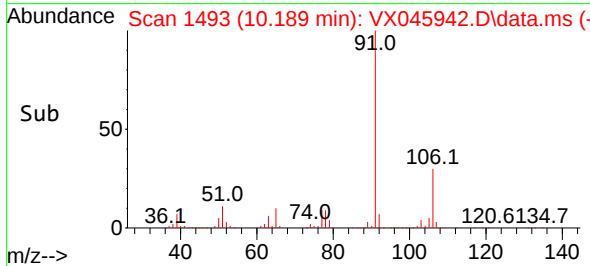
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 280532
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

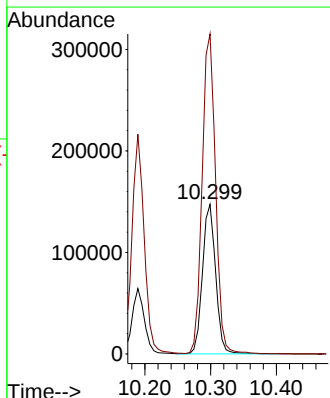
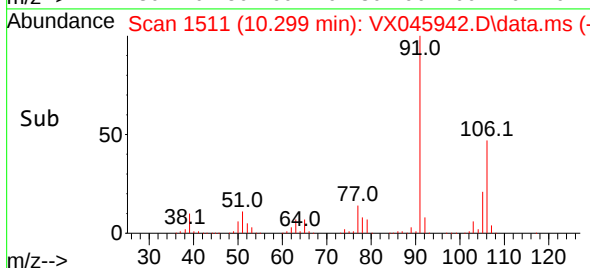
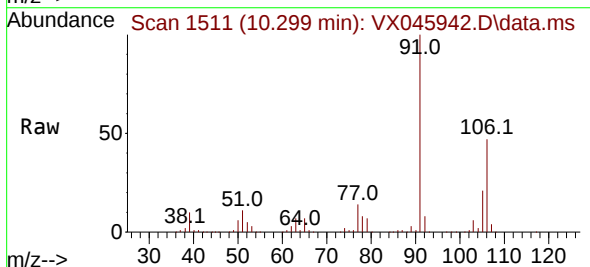
Manual Integrations
APPROVED

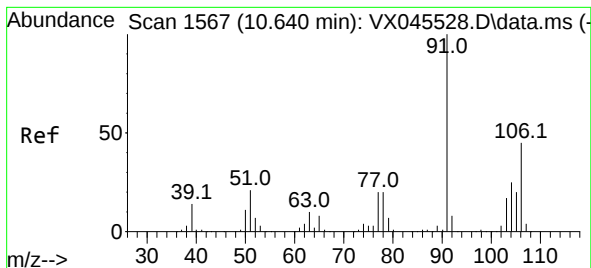
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#68
m/p-Xylenes
Concen: 114.130 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:106 Resp: 205033
Ion Ratio Lower Upper
106 100
91 217.9 172.6 258.8





#69

o-Xylene

Concen: 56.847 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 100600

Ion Ratio Lower Upper

106 100

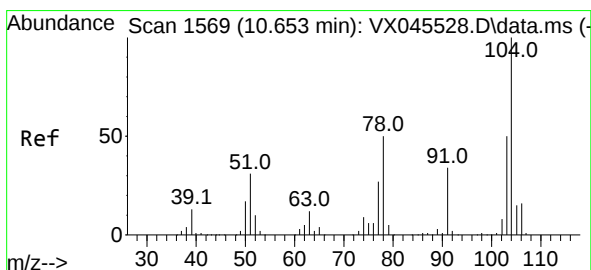
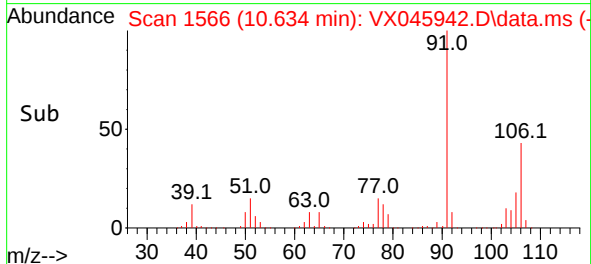
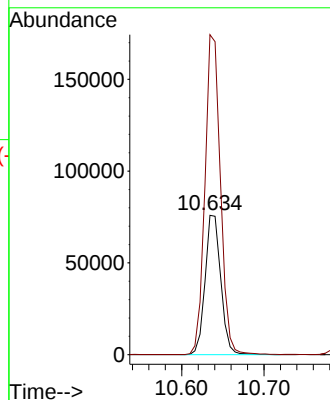
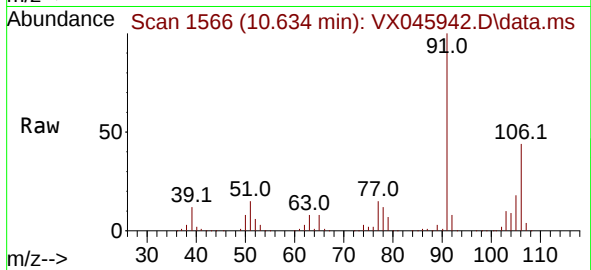
91 227.1 113.6 340.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#70

Styrene

Concen: 58.213 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

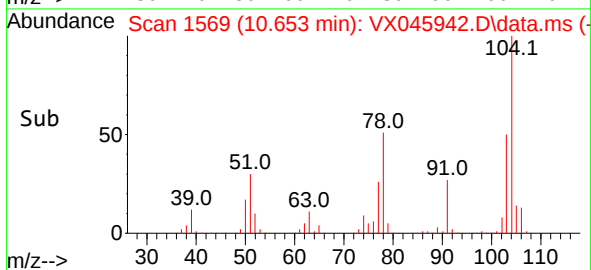
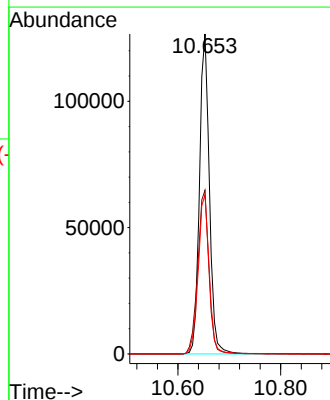
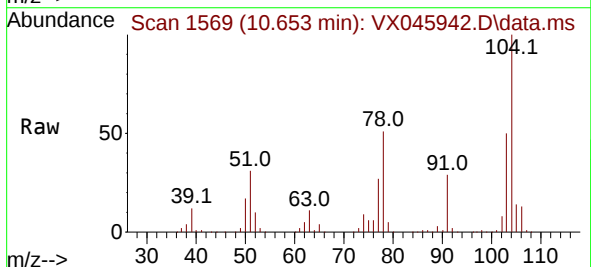
Tgt Ion:104 Resp: 170033

Ion Ratio Lower Upper

104 100

78 57.6 45.4 68.2

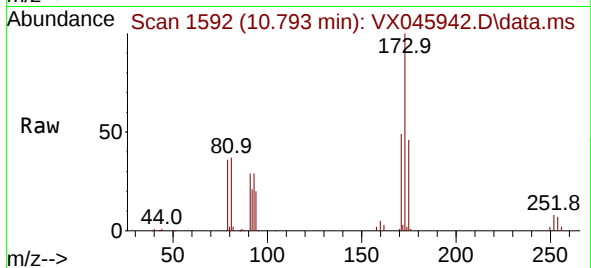
103 55.3 43.8 65.8





#71
Bromoform
Concen: 59.688 ug/l
RT: 10.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

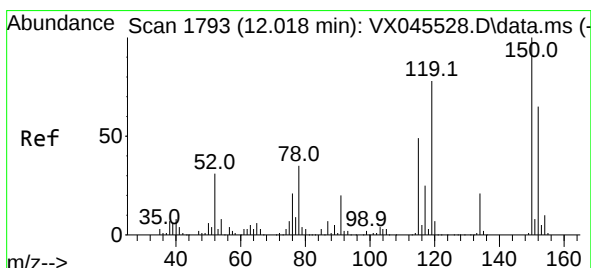
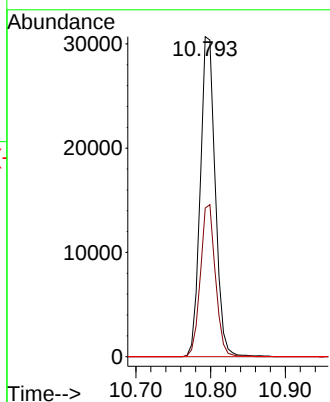
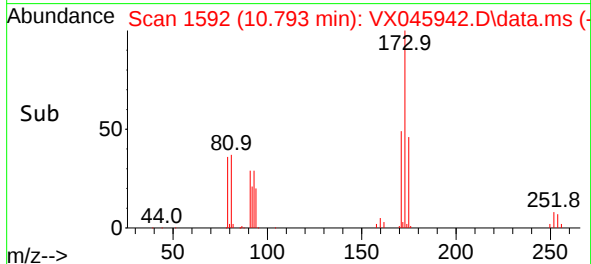
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 42672
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.2
254 0.0 0.0 0.0

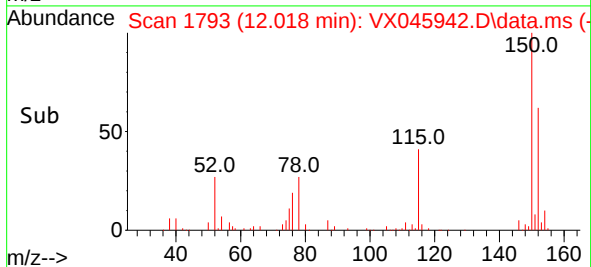
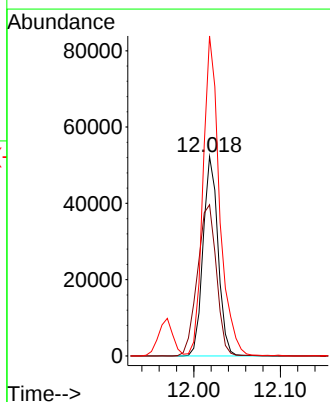
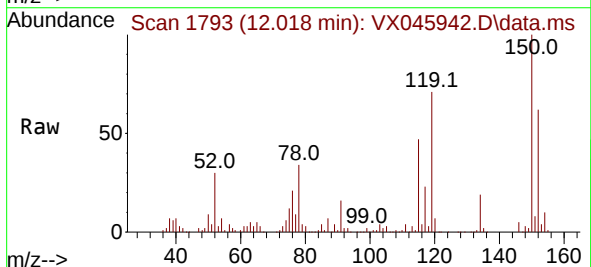
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:152 Resp: 62646
Ion Ratio Lower Upper
152 100
115 96.3 46.9 140.7
150 177.8 0.0 349.4





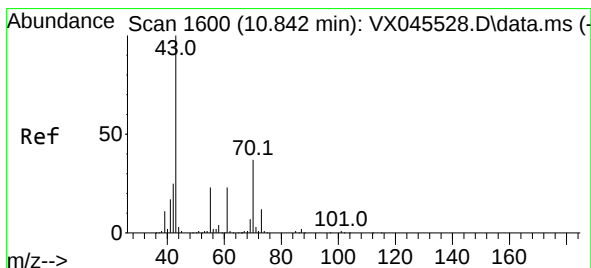
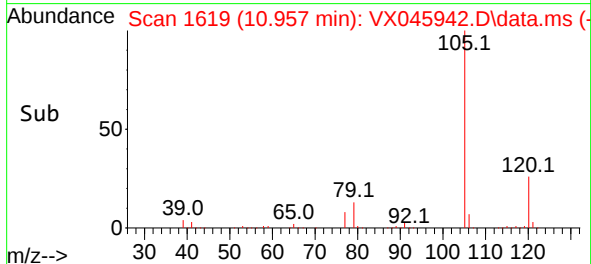
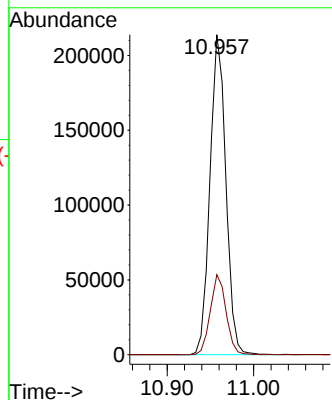
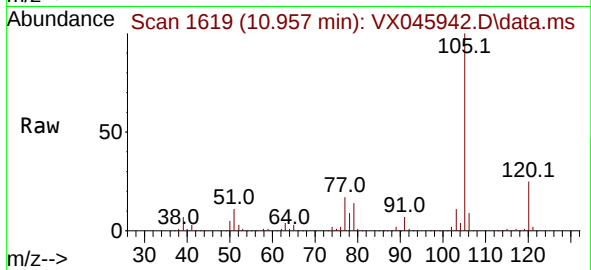
#73
Isopropylbenzene
Concen: 54.266 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 272308
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0

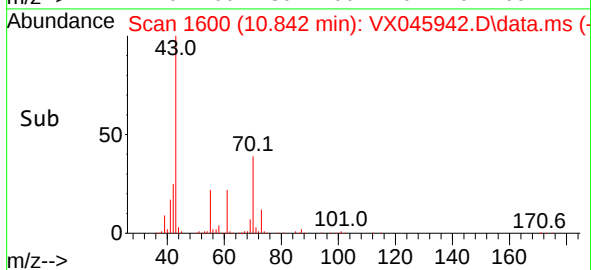
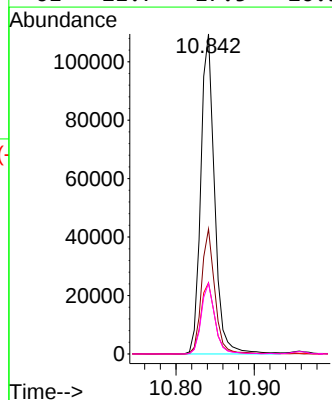
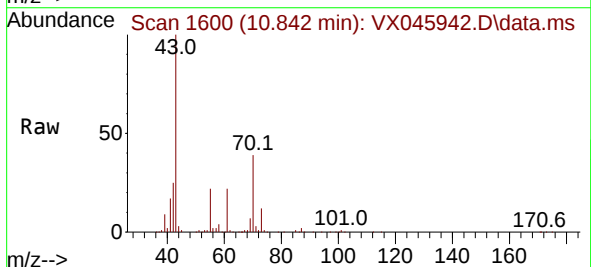
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#74
N-ethyl acetate
Concen: 56.029 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 43 Resp: 134490
Ion Ratio Lower Upper
43 100
70 37.7 30.1 45.1
55 22.8 18.3 27.5
61 21.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.098 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

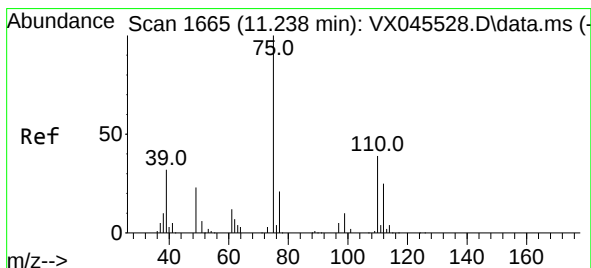
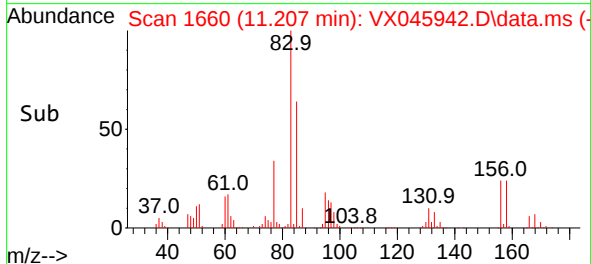
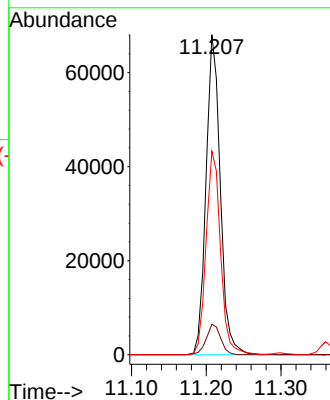
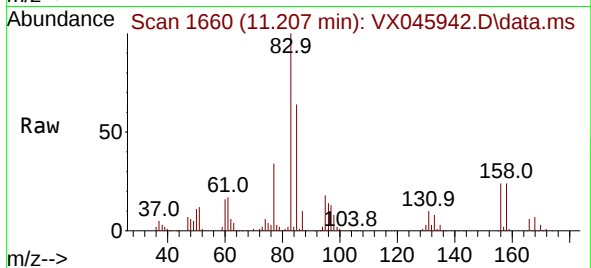
Tgt Ion: 83	Resp: 9007
Ion Ratio	Lower Upper
83 100	
131 9.6	4.7 14.1
85 64.4	32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#76

1,2,3-Trichloropropane

Concen: 52.225 ug/l m

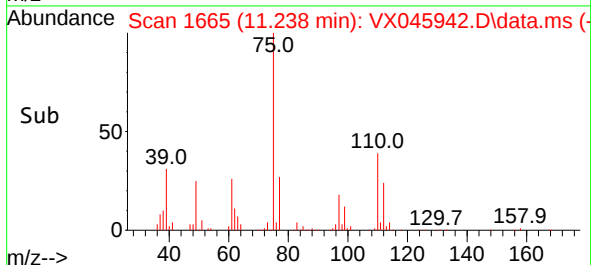
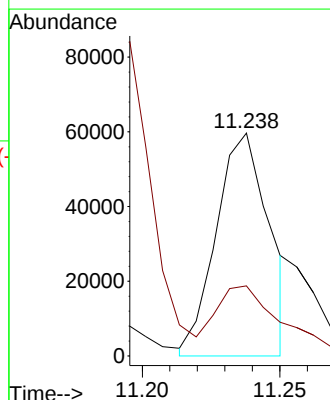
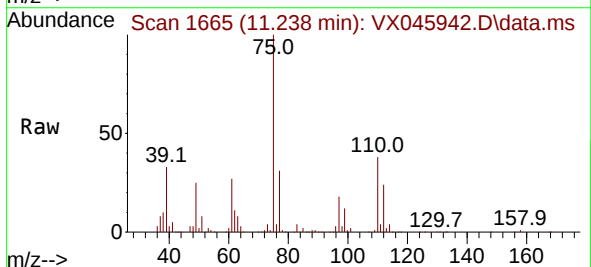
RT: 11.238 min Scan# 1665

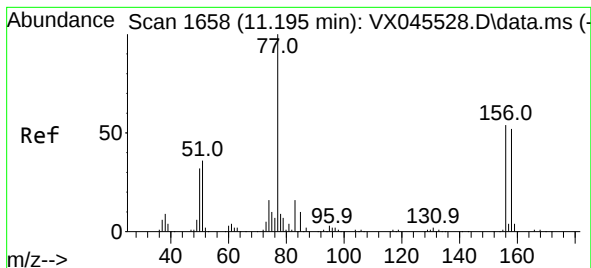
Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion: 75	Resp: 79804
Ion Ratio	Lower Upper
75 100	
77 39.7	20.0 59.9





#77

Bromobenzene

Concen: 51.821 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

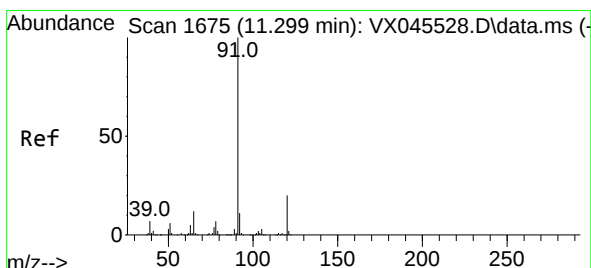
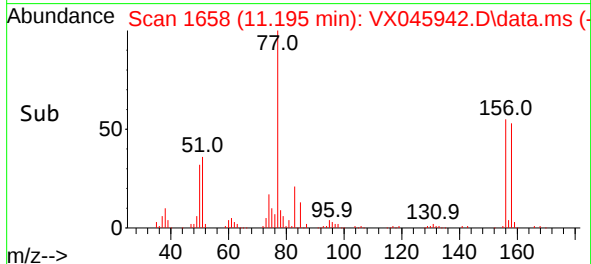
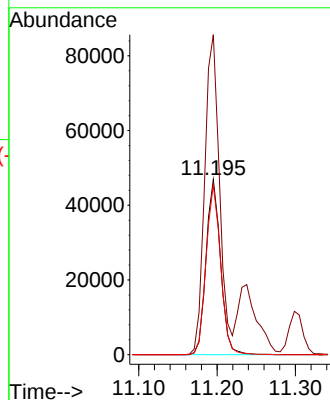
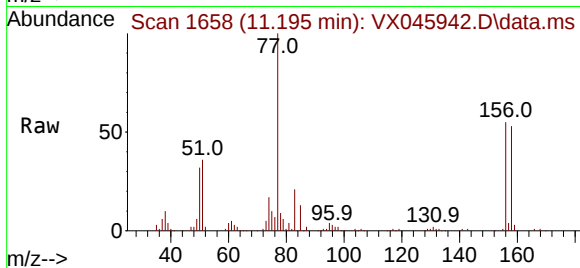
Tgt Ion:	156	Resp:	6008
Ion Ratio	Lower	Upper	
156	100		
77	187.3	92.6	277.8
158	97.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#78

n-propylbenzene

Concen: 55.542 ug/l

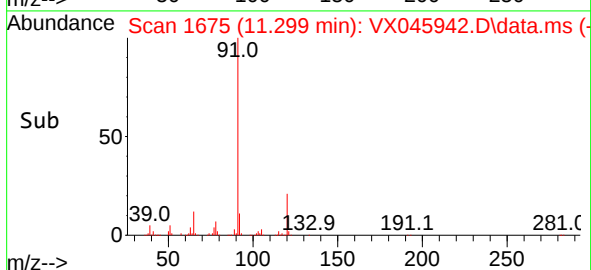
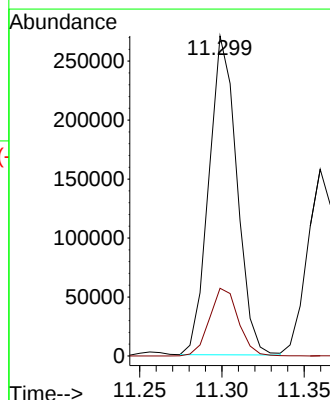
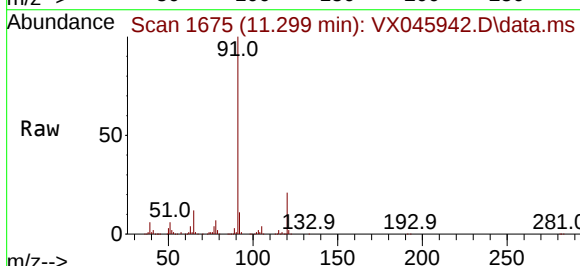
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

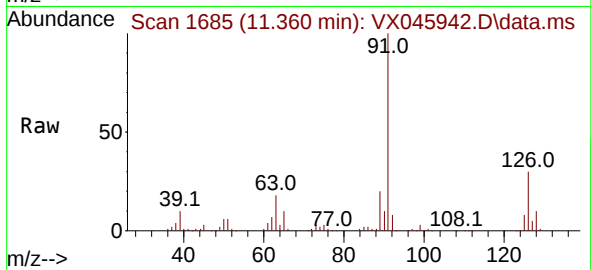
Tgt Ion:	91	Resp:	321029
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.8	32.3





#79
2-Chlorotoluene
Concen: 52.650 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

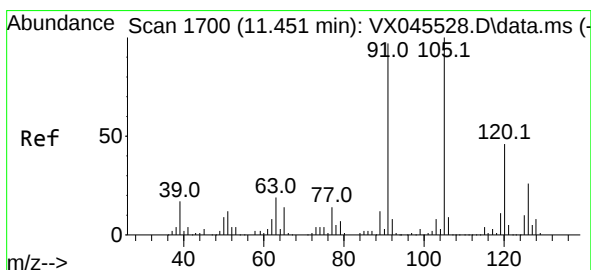
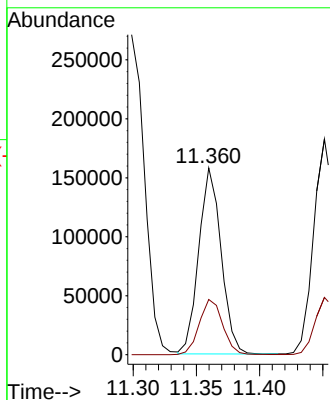
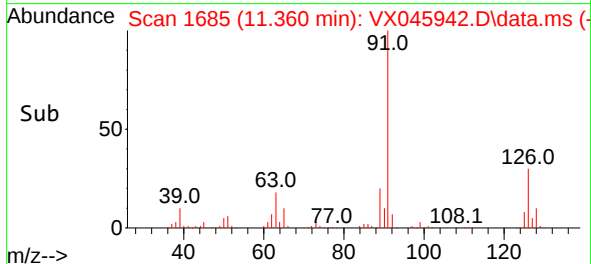
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



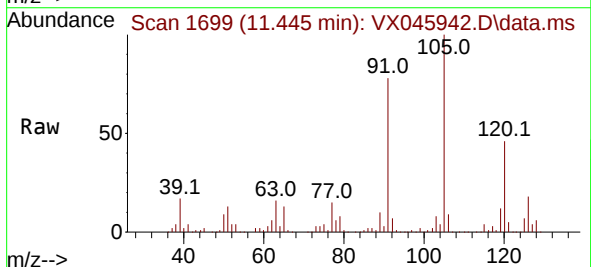
Tgt Ion: 91 Resp: 194540
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

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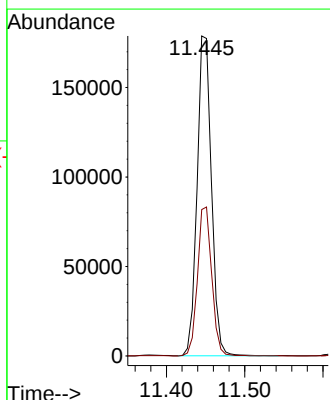
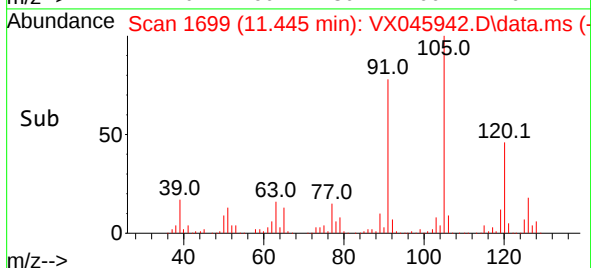
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

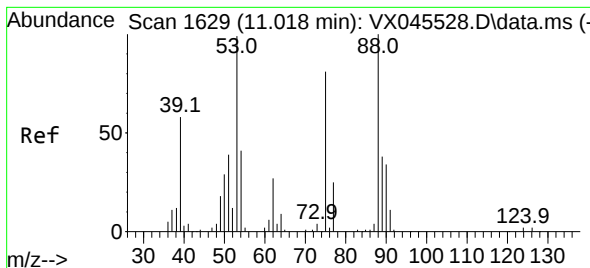


#80
1,3,5-Trimethylbenzene
Concen: 54.946 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion:105 Resp: 227997
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





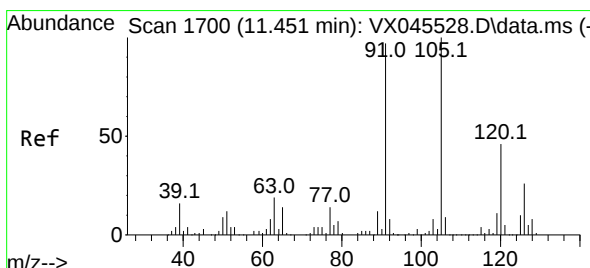
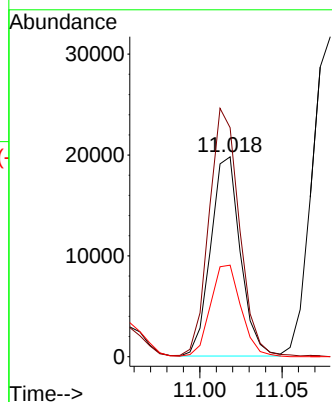
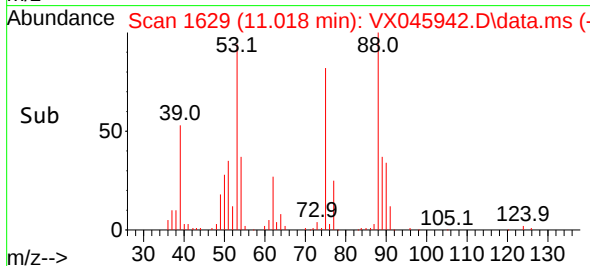
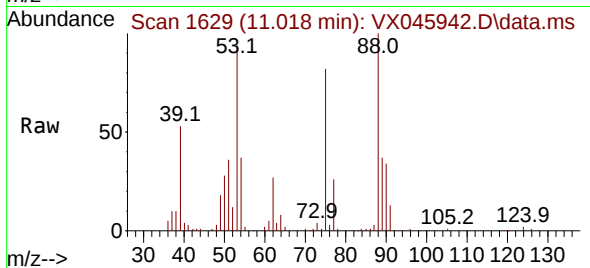
#81
trans-1,4-Dichloro-2-butene
Concen: 55.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 24830
Ion Ratio Lower Upper
75 100
53 127.7 101.8 152.6
89 47.4 37.2 55.8

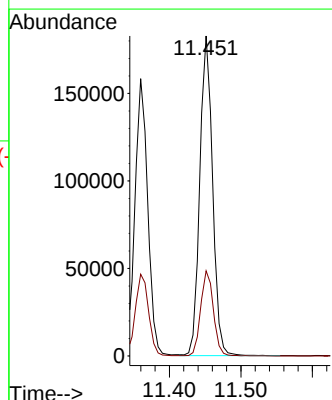
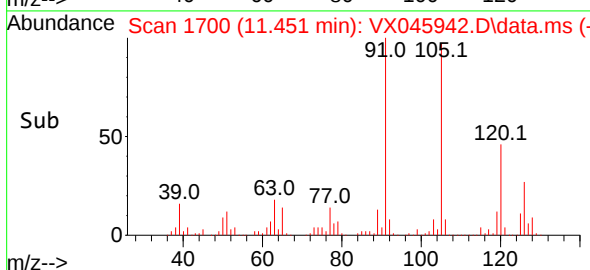
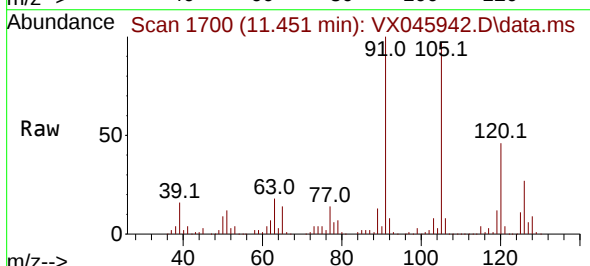
Manual Integrations
APPROVED

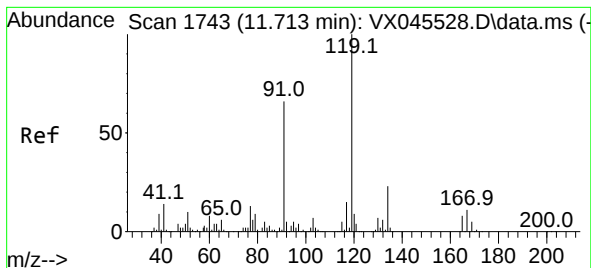
Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#82
4-Chlorotoluene
Concen: 54.934 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion: 91 Resp: 226319
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83

tert-Butylbenzene

Concen: 54.959 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 225779

Ion Ratio Lower Upper

119 100

91 65.4 32.4 97.2

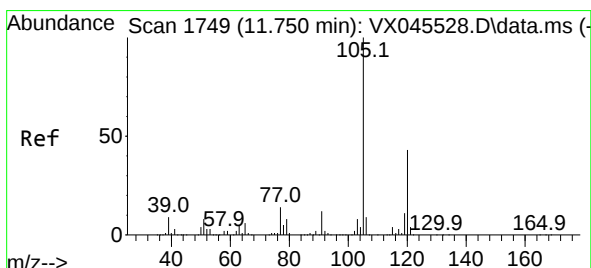
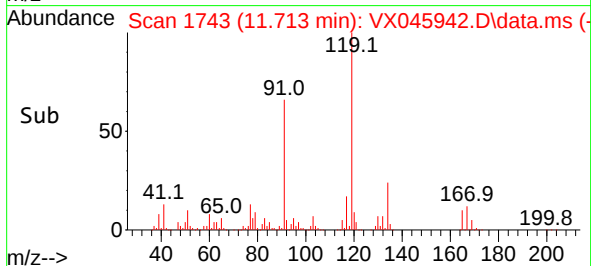
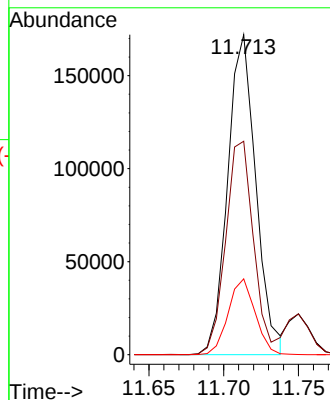
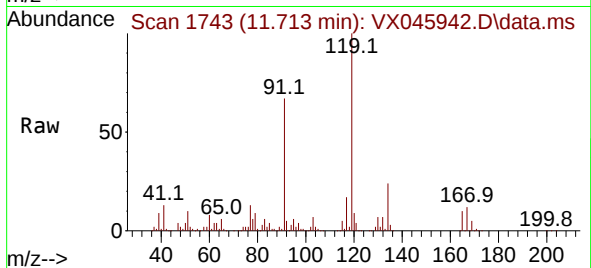
134 22.7 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 55.192 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045942.D

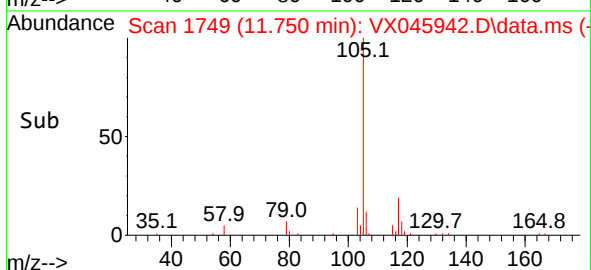
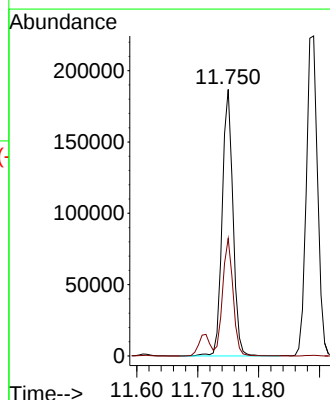
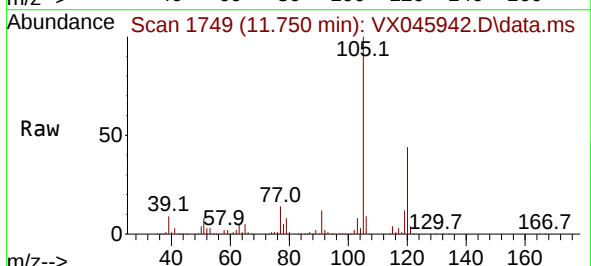
Acq: 25 Apr 2025 15:38

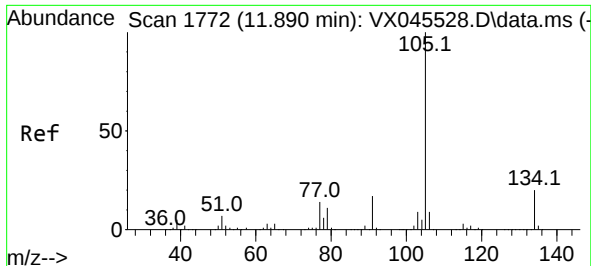
Tgt Ion:105 Resp: 229861

Ion Ratio Lower Upper

105 100

120 42.5 21.4 64.3





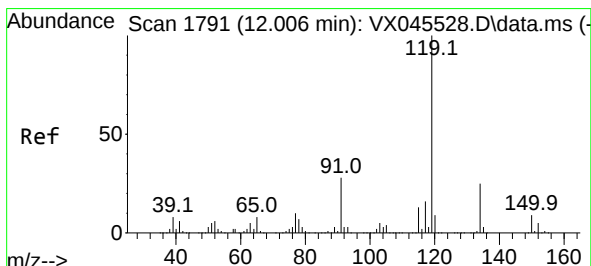
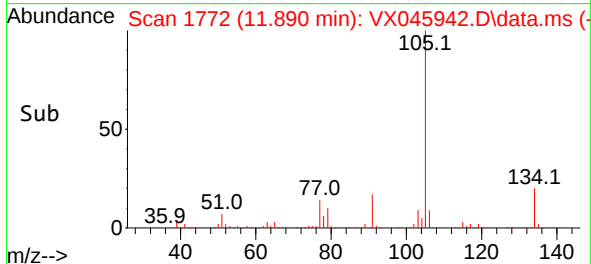
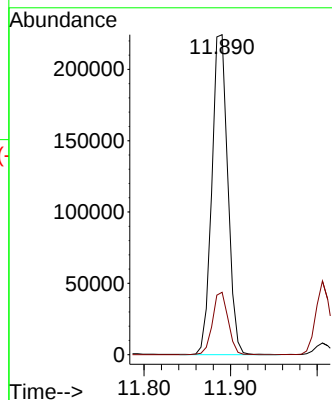
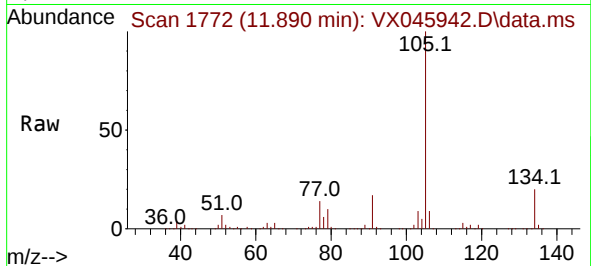
#85
 sec-Butylbenzene
 Concen: 56.815 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 286672
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

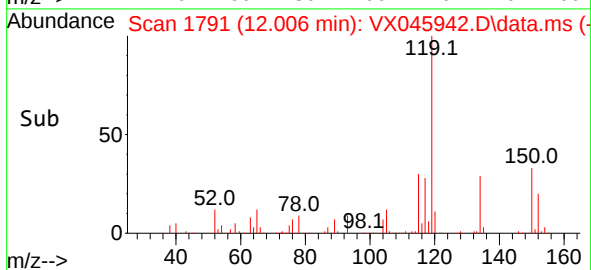
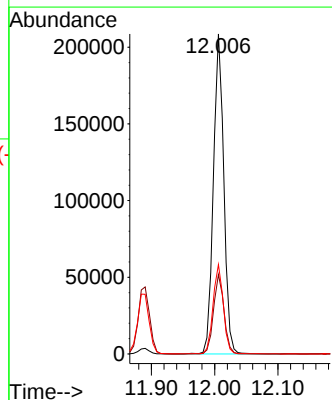
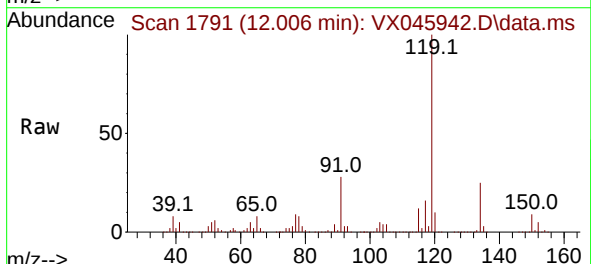
Manual Integrations
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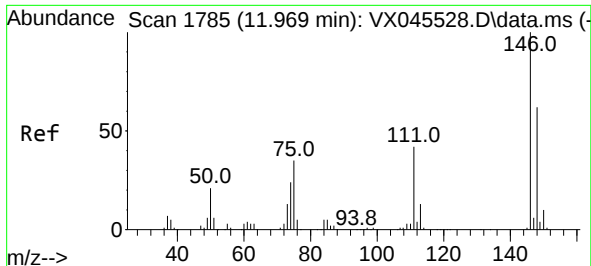
Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025



#86
 p-Isopropyltoluene
 Concen: 57.440 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045942.D
 Acq: 25 Apr 2025 15:38

Tgt Ion:119 Resp: 238943
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.5 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 53.241 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 112360

Ion Ratio Lower Upper

146 100

111 44.5 22.2 66.6

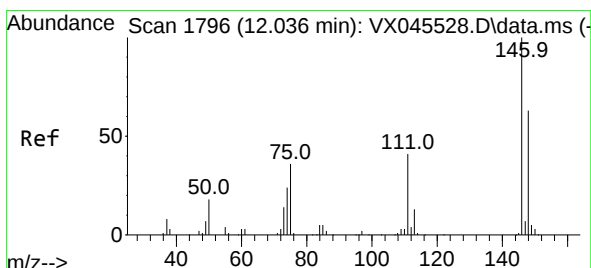
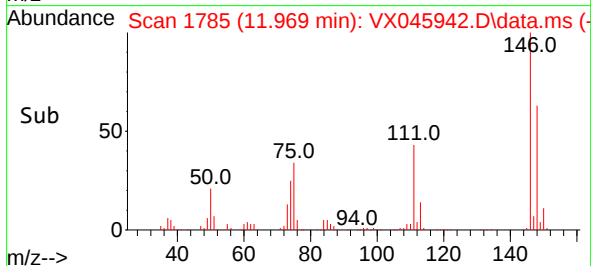
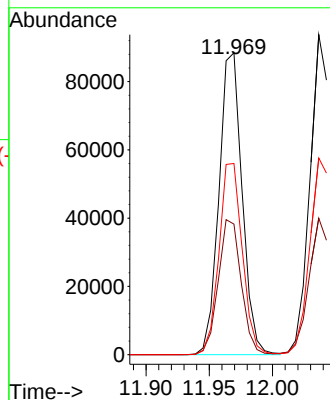
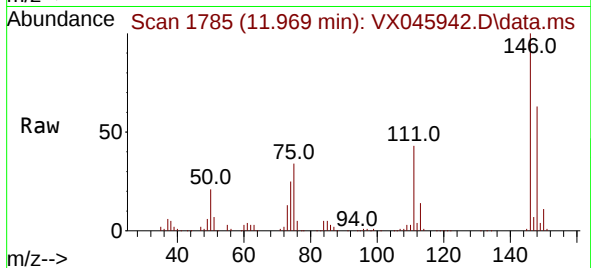
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#88

1,4-Dichlorobenzene

Concen: 53.555 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

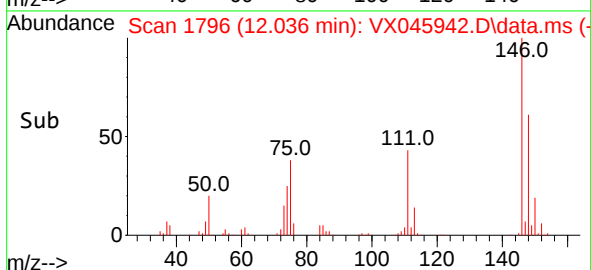
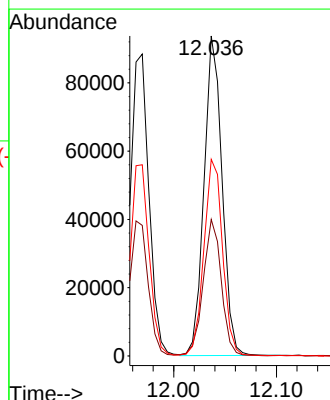
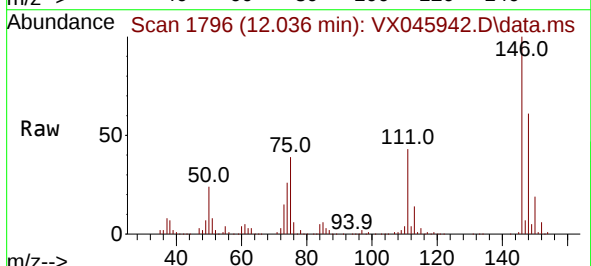
Tgt Ion:146 Resp: 114588

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

148 63.6 31.5 94.5





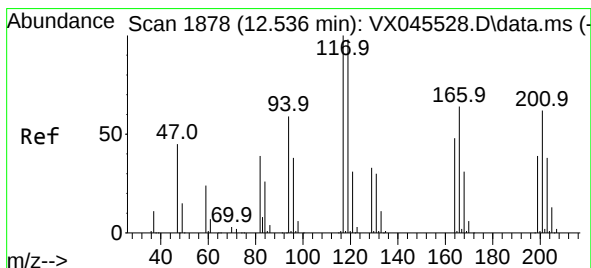
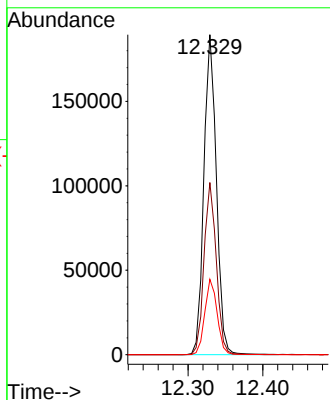
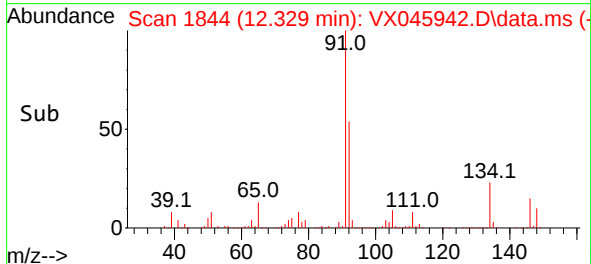
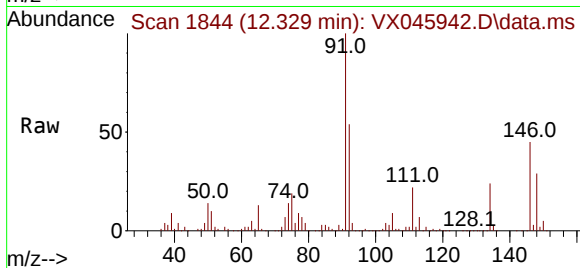
#89
n-Butylbenzene
Concen: 60.961 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 219904
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 23.4 11.9 35.7

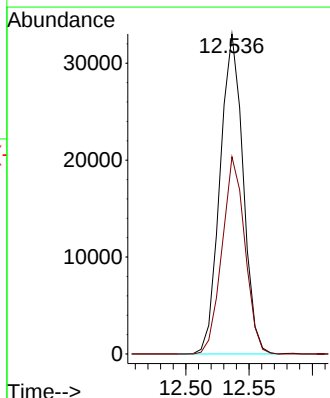
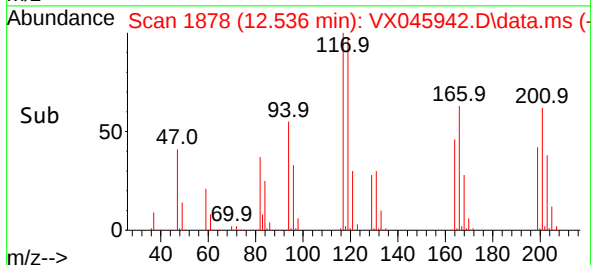
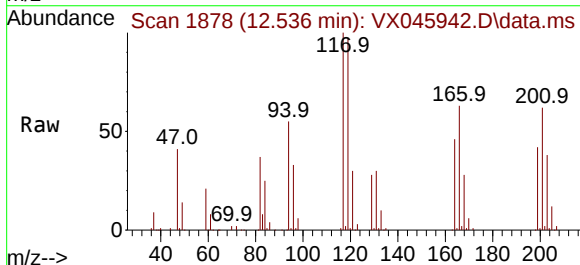
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



#90
Hexachloroethane
Concen: 58.420 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Tgt Ion:117 Resp: 41765
Ion Ratio Lower Upper
117 100
201 61.2 31.2 93.6





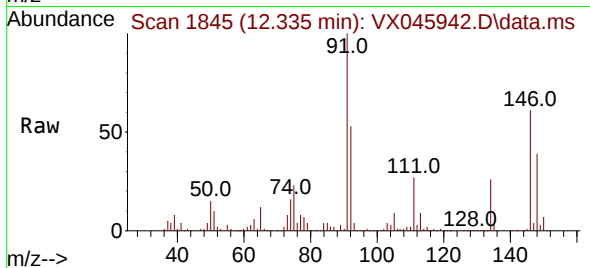
#91
1,2-Dichlorobenzene
Concen: 53.336 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



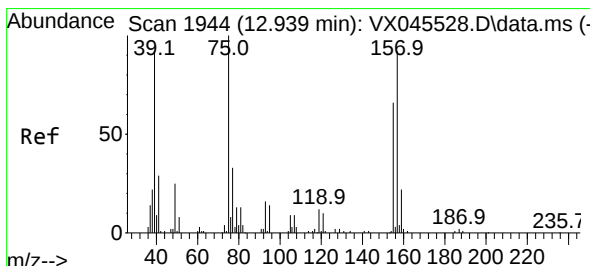
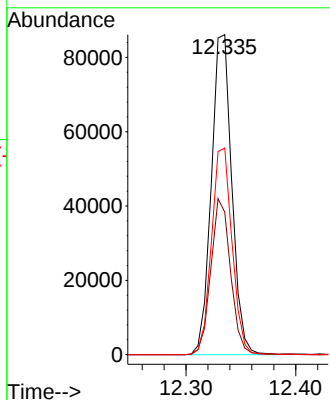
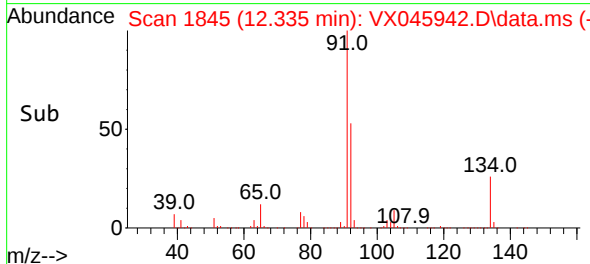
Tgt Ion:146 Resp: 111915
Ion Ratio Lower Upper
146 100
111 47.0 22.9 68.8
148 65.1 31.9 95.5

Manual Integrations

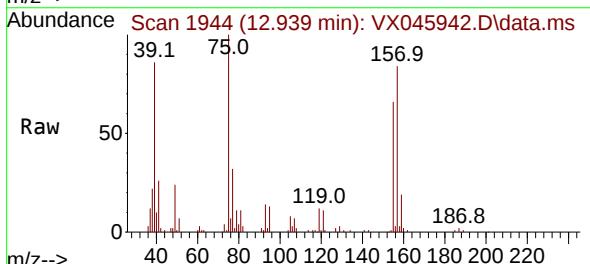
APPROVED

Reviewed By :John Carlone 04/28/2025

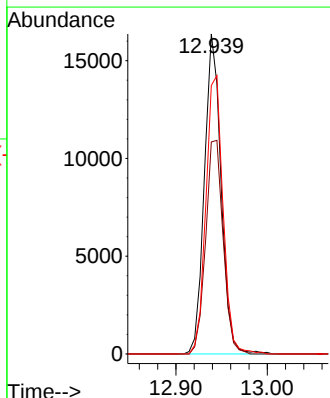
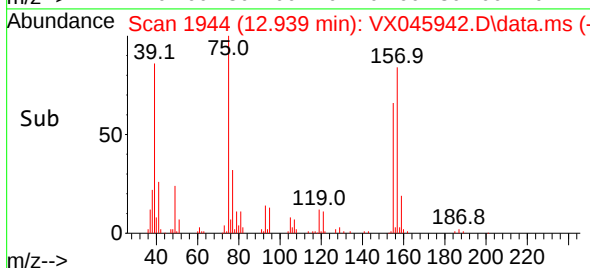
Supervised By :Semsettin Yesilyurt 04/28/2025

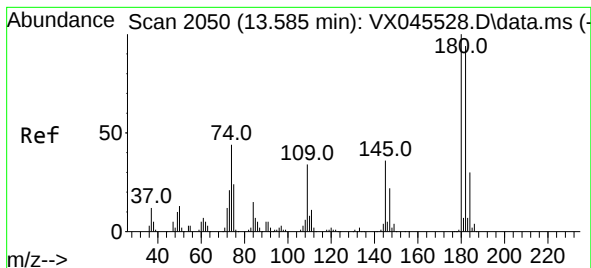


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.204 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045942.D
Acq: 25 Apr 2025 15:38



Tgt Ion: 75 Resp: 20720
Ion Ratio Lower Upper
75 100
155 69.9 34.9 104.7
157 89.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 57.120 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

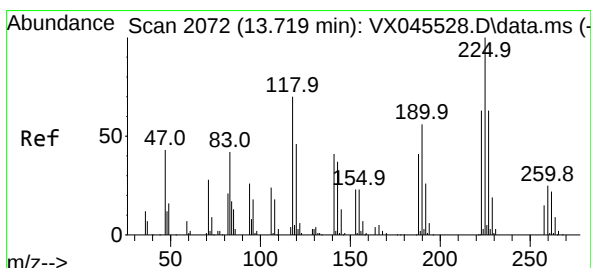
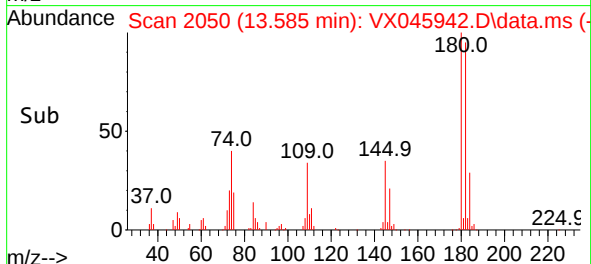
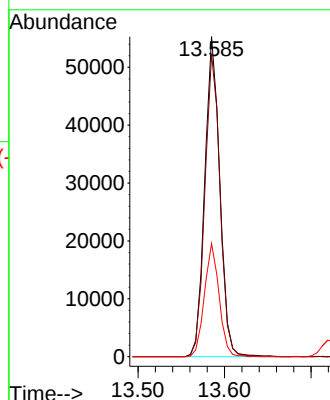
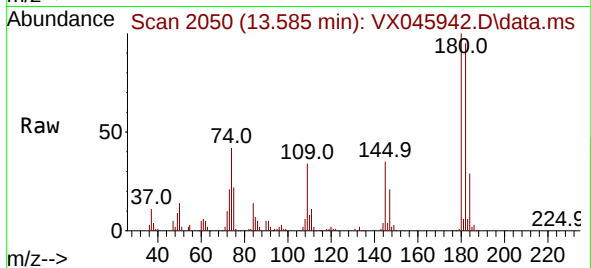
Tgt Ion:180	Resp:	6671
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.9 143.6
145	34.4	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#94

Hexachlorobutadiene

Concen: 57.483 ug/l

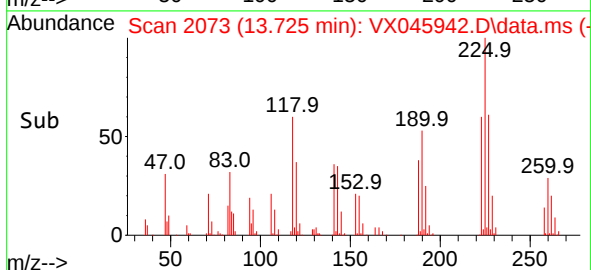
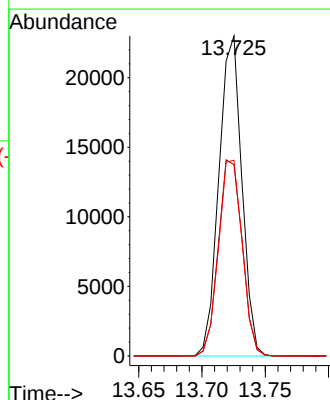
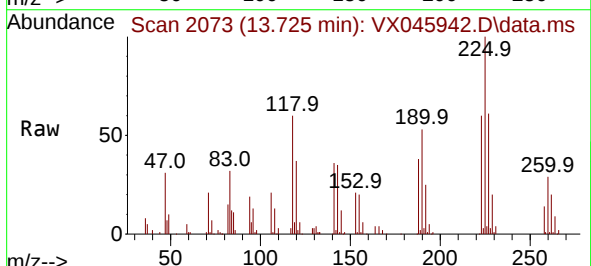
RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:225	Resp:	28931
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.1 93.3
227	63.4	32.2 96.6





#95

Naphthalene

Concen: 54.283 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 23594

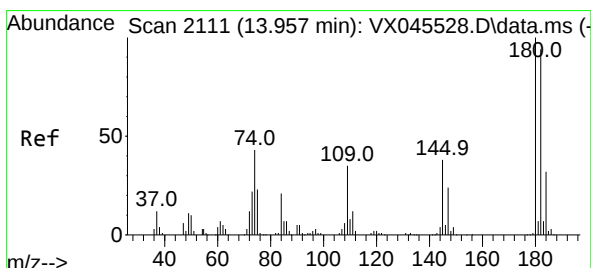
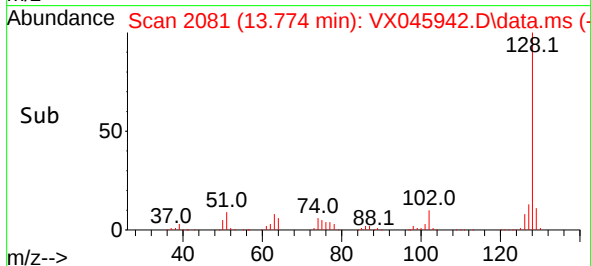
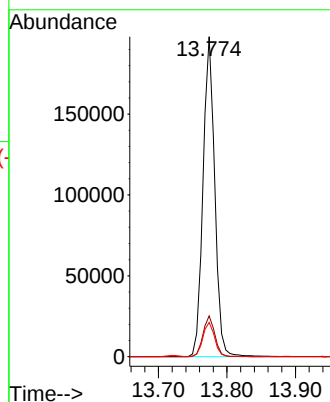
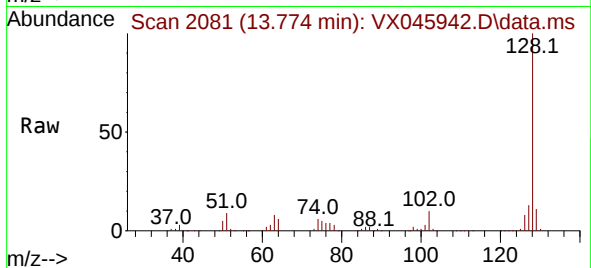
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2025

Supervised By :Semsettin Yesilyurt 04/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 54.835 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045942.D

Acq: 25 Apr 2025 15:38

Tgt Ion:180 Resp: 67064

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	37.0	18.2	54.6

