

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045944.D
 Acq On : 28 Apr 2025 10:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:31:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	163172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80728	46.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.840%		
35) Dibromofluoromethane	5.379	113	57443	49.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	8.641	98	188593	46.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.340%		
62) 4-Bromofluorobenzene	11.079	95	74618	50.696	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70289	49.423	ug/l	100
3) Chloromethane	1.301	50	70078	47.963	ug/l	97
4) Vinyl Chloride	1.374	62	65831	49.233	ug/l	99
5) Bromomethane	1.593	94	30413	47.970	ug/l	99
6) Chloroethane	1.673	64	38708	54.563	ug/l	95
7) Trichlorofluoromethane	1.874	101	109536	54.935	ug/l	99
8) Diethyl Ether	2.130	74	35458	52.968	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	66288	56.735	ug/l	98
10) Methyl Iodide	2.441	142	77362	53.084	ug/l	98
11) Tert butyl alcohol	2.965	59	65471	280.122	ug/l	99
12) 1,1-Dichloroethene	2.313	96	59895	52.463	ug/l	95
13) Acrolein	2.233	56	72253	224.491	ug/l	99
14) Allyl chloride	2.654	41	119876	55.340	ug/l	100
15) Acrylonitrile	3.056	53	195244	264.638	ug/l	100
16) Acetone	2.380	43	189016	264.681	ug/l	98
17) Carbon Disulfide	2.502	76	142778	50.635	ug/l	98
18) Methyl Acetate	2.703	43	105420	64.117	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	224277	56.157	ug/l	99
20) Methylene Chloride	2.782	84	70259	52.552	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	61297	52.554	ug/l	98
22) Diisopropyl ether	3.758	45	233838	54.801	ug/l	99
23) Vinyl Acetate	3.715	43	1027747	278.772	ug/l	100
24) 1,1-Dichloroethane	3.599	63	127648	52.896	ug/l	99
25) 2-Butanone	4.550	43	281742	269.522	ug/l	98
26) 2,2-Dichloropropane	4.465	77	105254	67.508	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	74835	52.664	ug/l	97
28) Bromochloromethane	4.885	49	56114	48.119	ug/l	98
29) Tetrahydrofuran	4.995	42	175486	258.933	ug/l	99
30) Chloroform	5.080	83	133867	53.912	ug/l	100
31) Cyclohexane	5.458	56	111012	52.036	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	118396	56.350	ug/l	99
36) 1,1-Dichloropropene	5.678	75	86774	55.513	ug/l	99
37) Ethyl Acetate	4.702	43	105657	53.636	ug/l	99
38) Carbon Tetrachloride	5.666	117	102656	60.766	ug/l	97
39) Methylcyclohexane	7.373	83	113039	58.995	ug/l	97
40) Benzene	6.025	78	260026	54.467	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62334	59.973	ug/l	98
42) 1,2-Dichloroethane	6.074	62	110831	56.209	ug/l	99
43) Isopropyl Acetate	6.330	43	172236	57.689	ug/l	100
44) Trichloroethene	7.117	130	62861	55.399	ug/l	96
45) 1,2-Dichloropropane	7.422	63	65990	55.400	ug/l	97
46) Dibromomethane	7.574	93	50640	55.382	ug/l	97
47) Bromodichloromethane	7.818	83	106828	58.502	ug/l	99
48) Methyl methacrylate	7.690	41	89341	57.956	ug/l	98
49) 1,4-Dioxane	7.653	88	30251	1084.645	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	559754	282.816	ug/l	100
52) Toluene	8.714	92	159496	55.213	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	98075	55.582	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	106486	62.055	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63770	55.398	ug/l	97
56) Ethyl methacrylate	9.110	69	107098	60.117	ug/l	98
57) 1,3-Dichloropropane	9.305	76	112286	56.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	257236	285.434	ug/l	99
59) 2-Hexanone	9.427	43	420390	286.827	ug/l	100
60) Dibromochloromethane	9.519	129	75392	60.076	ug/l	99
61) 1,2-Dibromoethane	9.604	107	66407	56.988	ug/l	100
64) Tetrachloroethene	9.269	164	55670	55.530	ug/l	98
65) Chlorobenzene	10.073	112	172346	56.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62243	59.087	ug/l	98
67) Ethyl Benzene	10.189	91	316502	58.242	ug/l	99
68) m/p-Xylenes	10.299	106	230485	116.614	ug/l	99
69) o-Xylene	10.640	106	113558	58.324	ug/l	99
70) Styrene	10.653	104	190462	59.269	ug/l	98
71) Bromoform	10.799	173	49518	62.956	ug/l #	98
73) Isopropylbenzene	10.957	105	307616	55.259	ug/l	100
74) N-amyl acetate	10.842	43	151275	56.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	100013	51.143	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89424m	52.751	ug/l	
77) Bromobenzene	11.195	156	68615	53.346	ug/l	99
78) n-propylbenzene	11.299	91	362060	56.466	ug/l	99
79) 2-Chlorotoluene	11.360	91	219247	53.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	258722	56.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	30215	60.492	ug/l	94
82) 4-Chlorotoluene	11.451	91	254861	55.764	ug/l	99
83) tert-Butylbenzene	11.713	119	257561	56.515	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	261063	56.505	ug/l	99
85) sec-Butylbenzene	11.890	105	324553	57.981	ug/l	100
86) p-Isopropyltoluene	12.006	119	269879	58.481	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	129842	55.457	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	129642	54.618	ug/l	98
89) n-Butylbenzene	12.329	91	248475	62.091	ug/l	100
90) Hexachloroethane	12.536	117	49793	62.783	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	128366	55.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24477	59.850	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	78242	60.385	ug/l	98
94) Hexachlorobutadiene	13.719	225	34019	60.929	ug/l	97
95) Naphthalene	13.774	128	272732	56.562	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78800	58.079	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

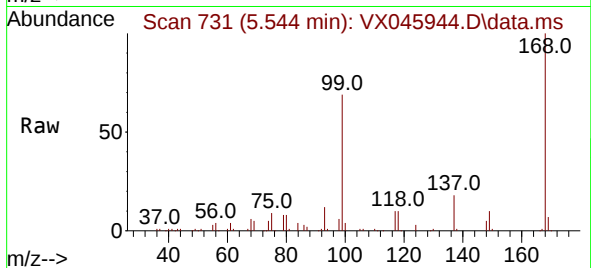
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

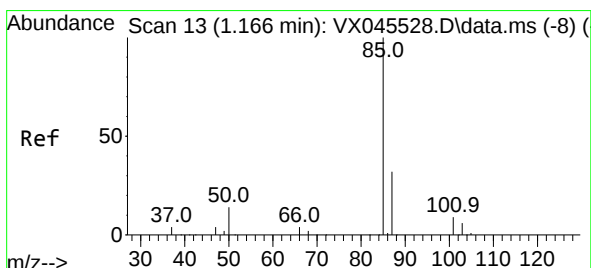
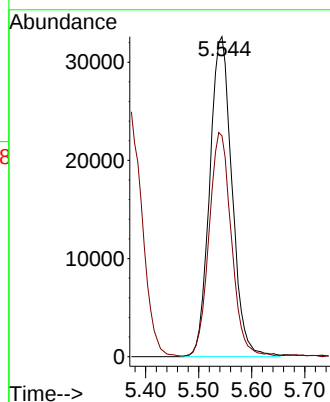
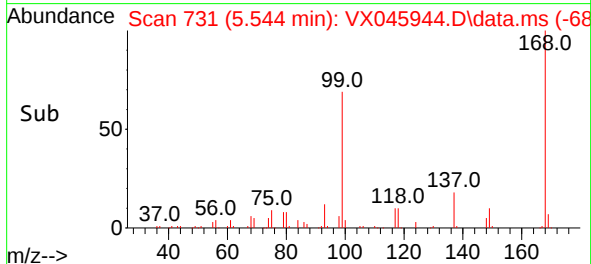
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 95099
Ion Ratio Lower Upper
168 100
99 68.7 52.3 78.5

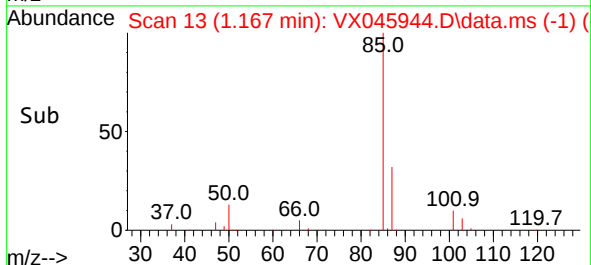
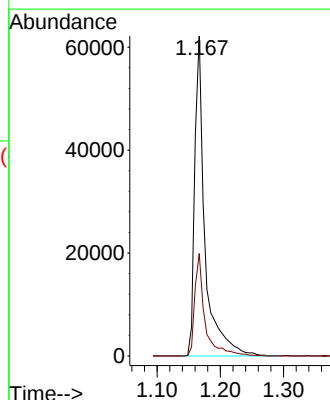
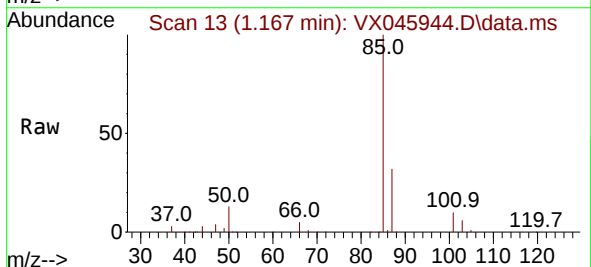
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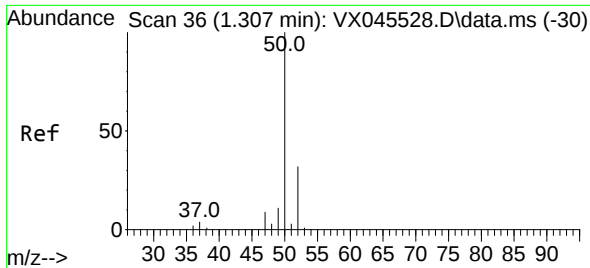
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#2
Dichlorodifluoromethane
Concen: 49.423 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

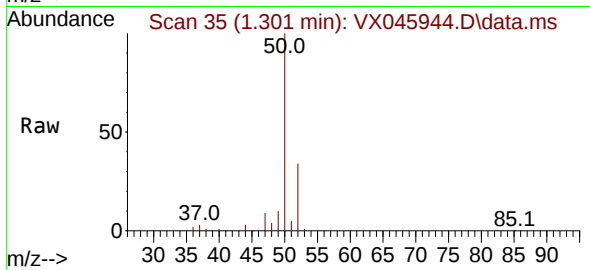
Tgt Ion: 85 Resp: 70289
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





#3
Chloromethane
Concen: 47.963 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

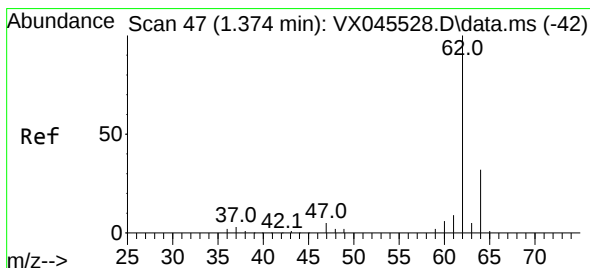
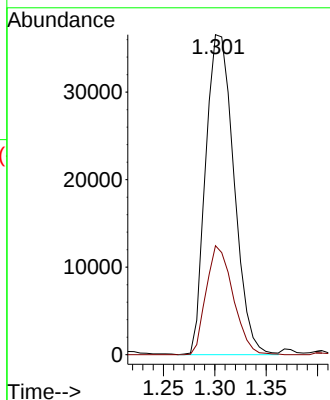
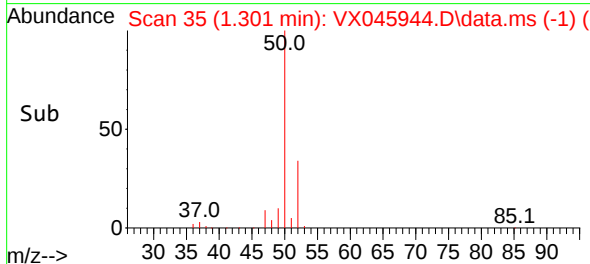
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 70078
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9

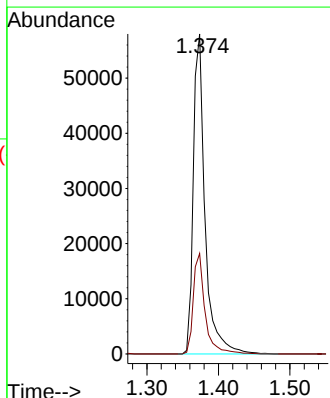
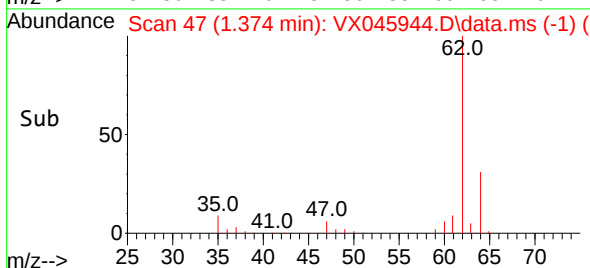
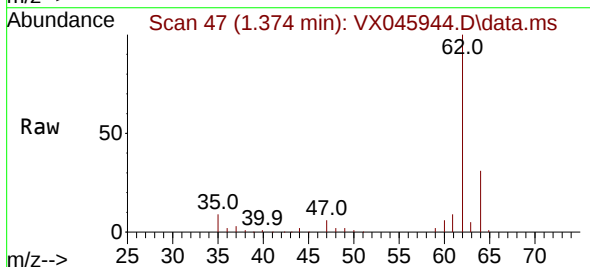
Manual Integrations
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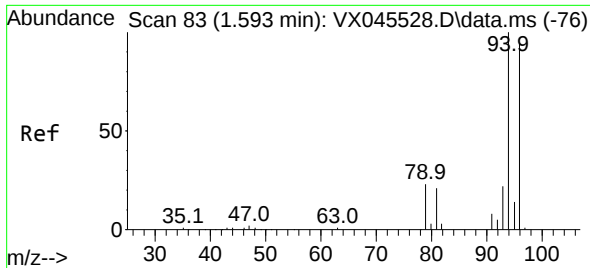
Reviewed By :John Carlone 04/29/2025
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#4
Vinyl Chloride
Concen: 49.233 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

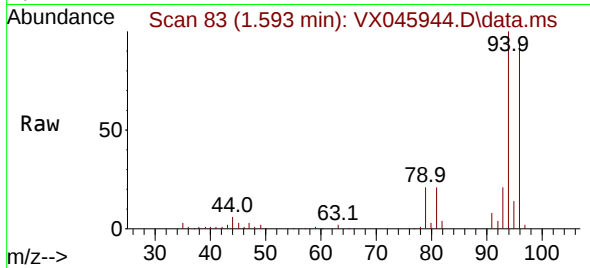
Tgt Ion: 62 Resp: 65831
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3





#5
Bromomethane
Concen: 47.970 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

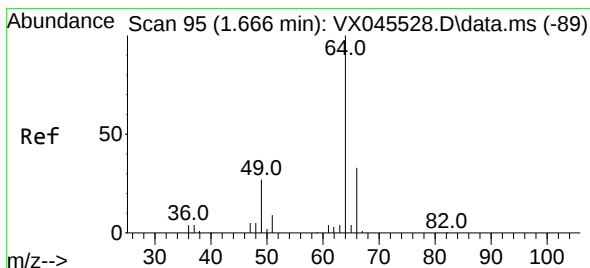
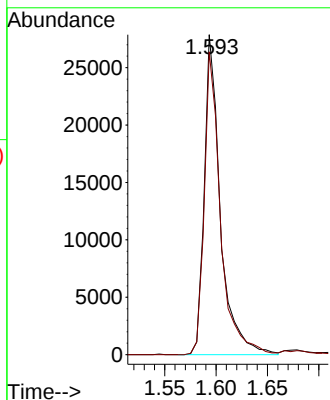
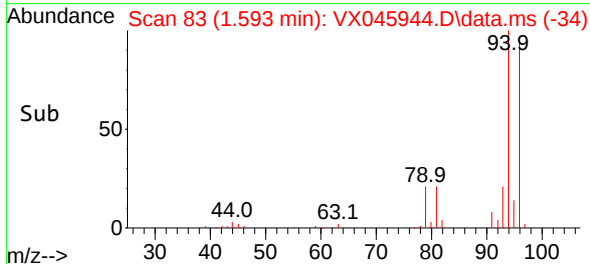
Instrument :
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Tgt Ion: 94 Resp: 3041
Ion Ratio Lower Upper
94 100
96 94.6 74.8 112.2

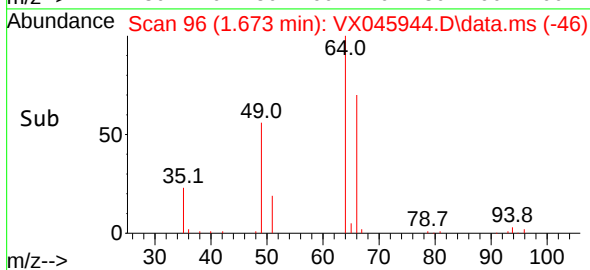
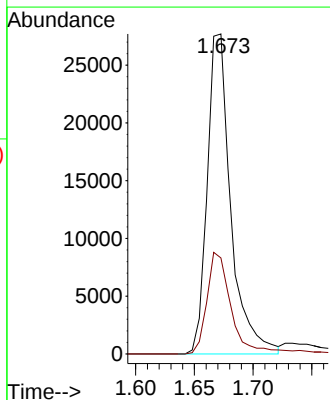
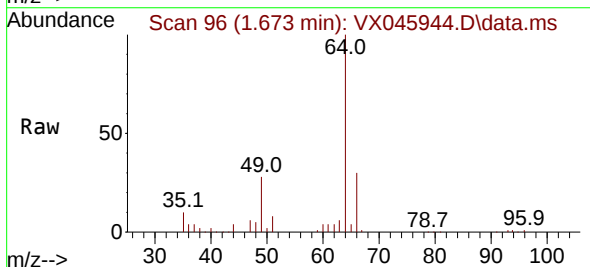
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#6
Chloroethane
Concen: 54.563 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

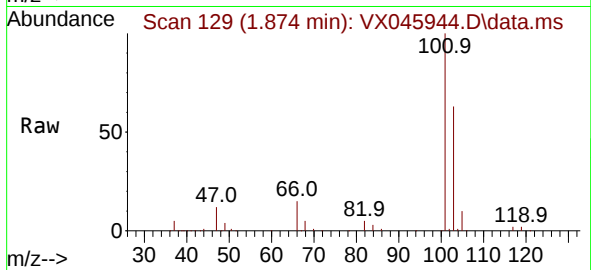
Tgt Ion: 64 Resp: 38708
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 54.935 ug/l
 RT: 1.874 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VX045944.D
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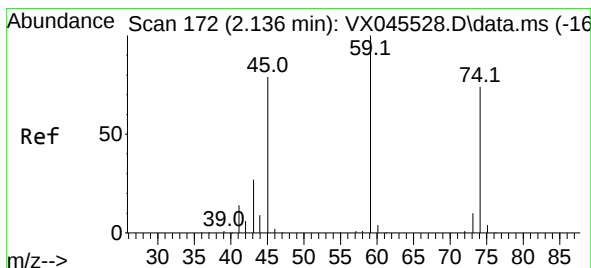
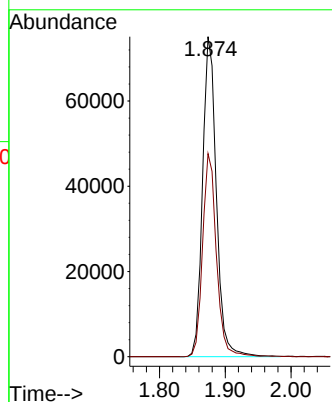
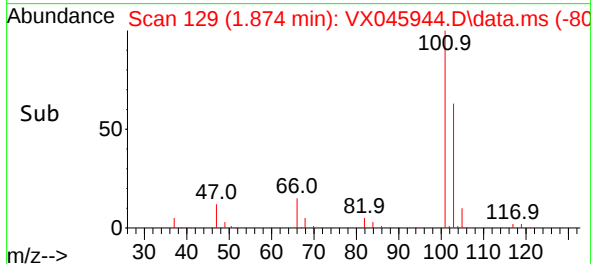
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 109530
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.1 76.7

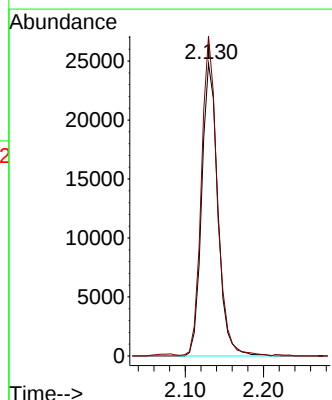
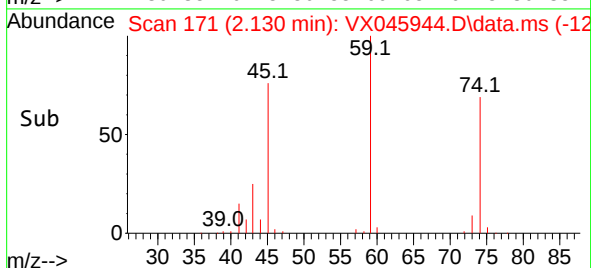
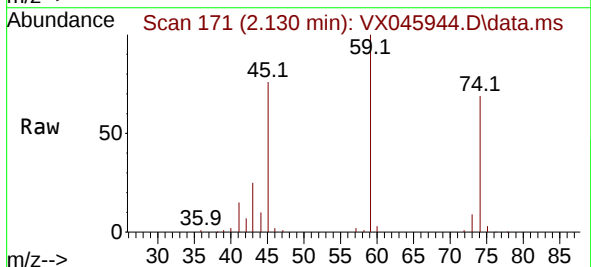
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#8
 Diethyl Ether
 Concen: 52.968 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

Tgt Ion: 74 Resp: 35458
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.0 159.1





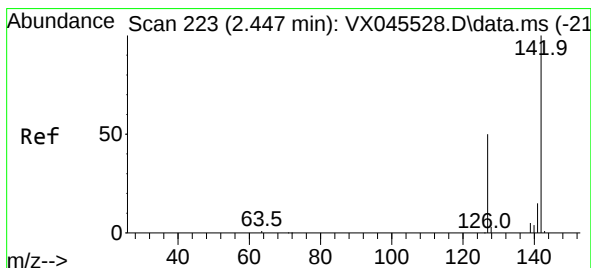
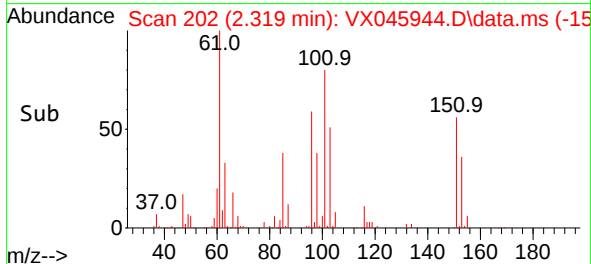
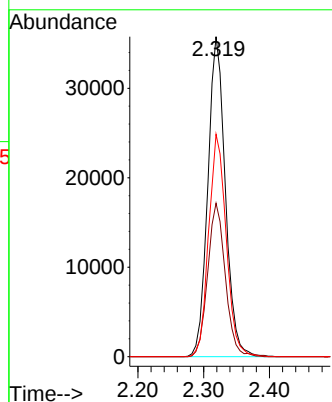
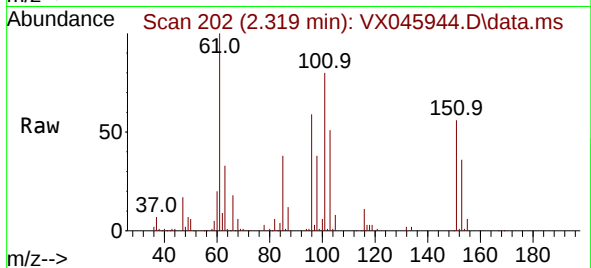
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.735 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
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Tgt Ion:101 Resp: 6628
Ion Ratio Lower Upper
101 100
85 48.1 38.9 58.3
151 69.7 57.5 86.3

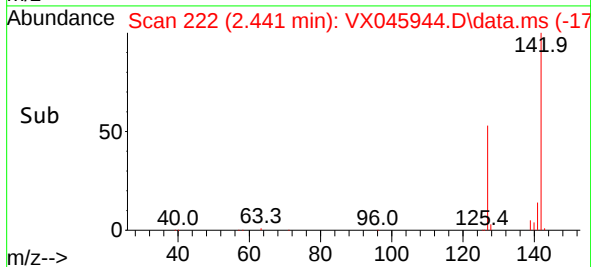
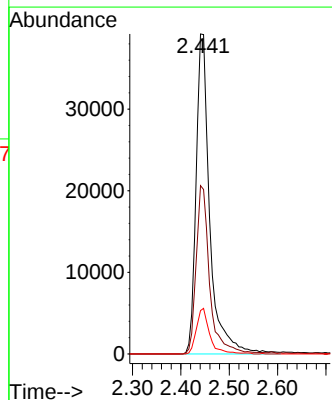
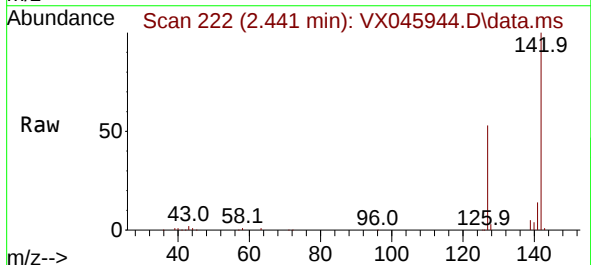
Manual Integrations
APPROVED

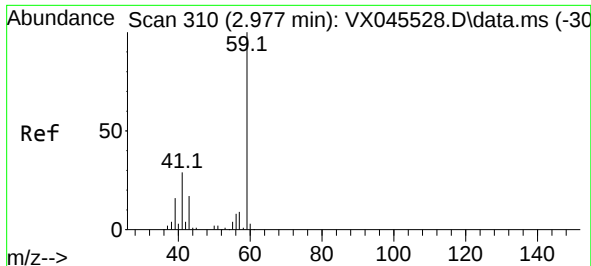
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#10
Methyl Iodide
Concen: 53.084 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

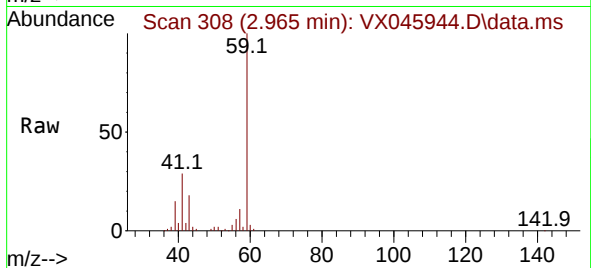
Tgt Ion:142 Resp: 77362
Ion Ratio Lower Upper
142 100
127 51.8 40.2 60.4
141 13.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 280.122 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

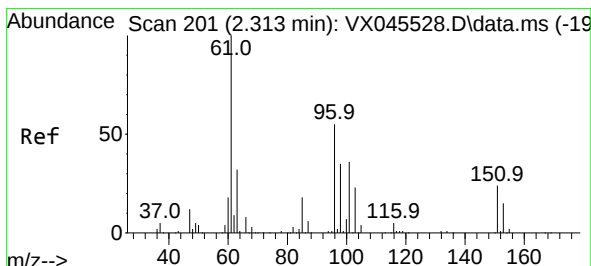
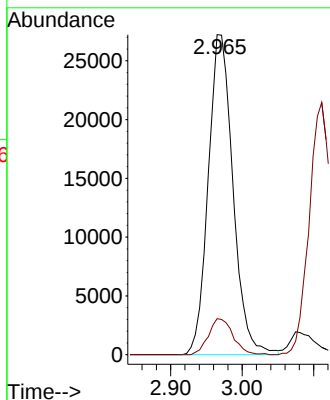
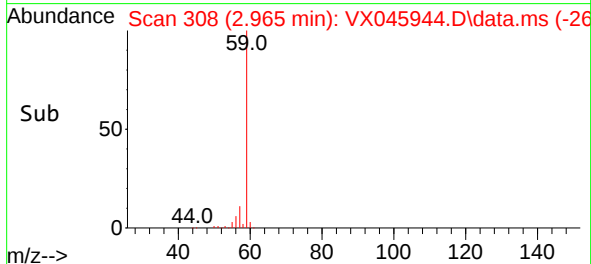
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 6547
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

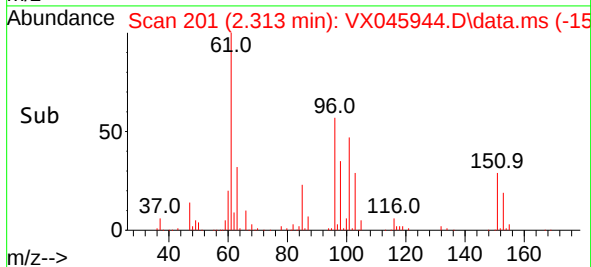
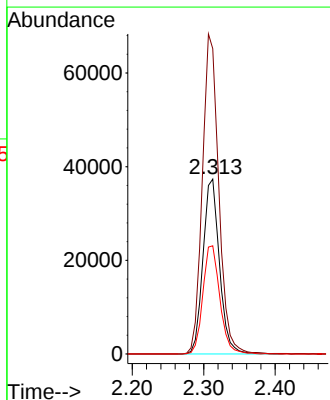
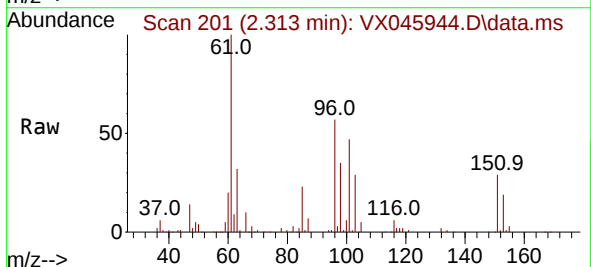
Manual Integrations
APPROVED

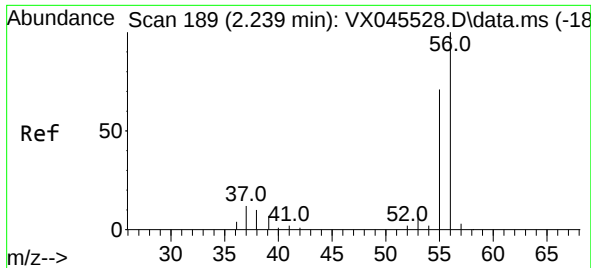
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#12
1,1-Dichloroethene
Concen: 52.463 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

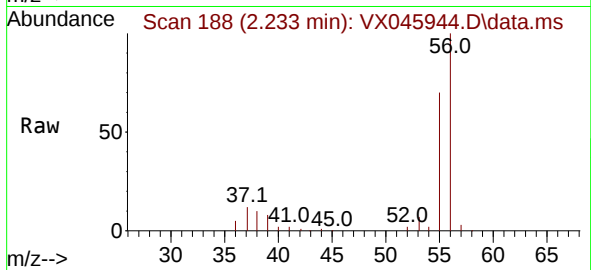
Tgt Ion: 96 Resp: 59895
Ion Ratio Lower Upper
96 100
61 174.6 145.7 218.5
98 61.8 51.6 77.4





#13
Acrolein
Concen: 224.491 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

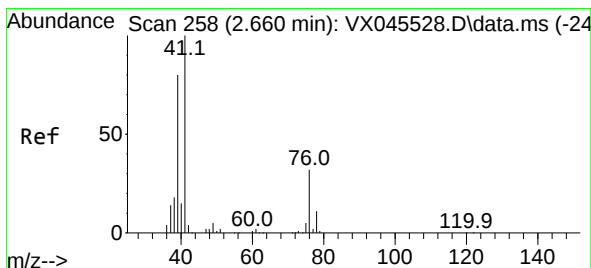
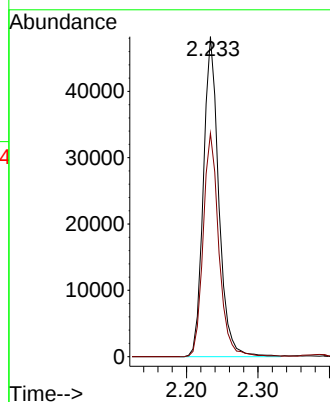
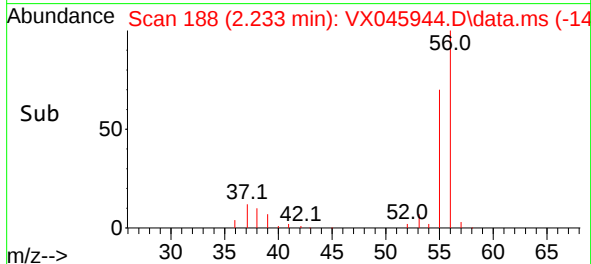
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7225
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.2

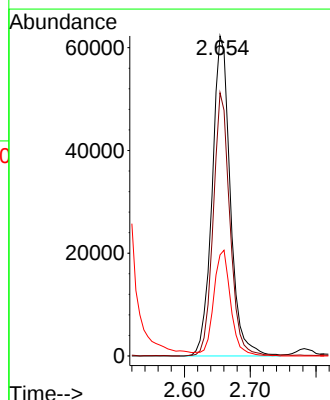
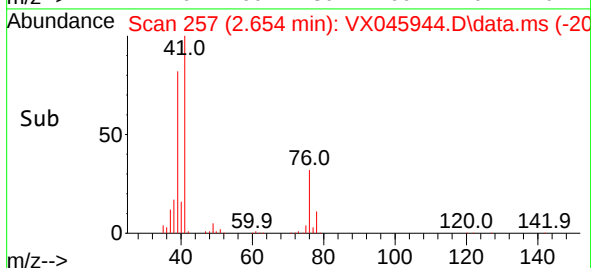
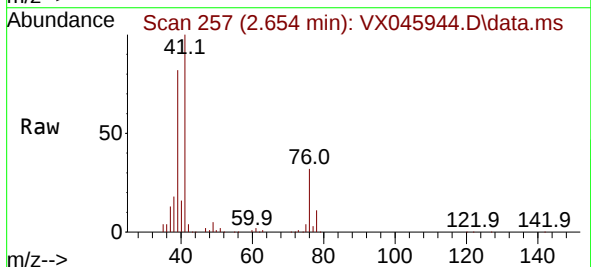
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#14
Allyl chloride
Concen: 55.340 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

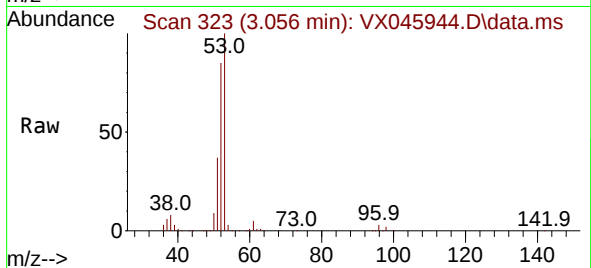
Tgt Ion: 41 Resp: 119876
Ion Ratio Lower Upper
41 100
39 75.5 60.2 90.2
76 30.8 24.6 36.8





#15
Acrylonitrile
Concen: 264.638 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

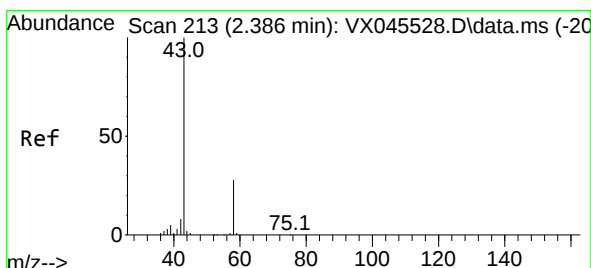
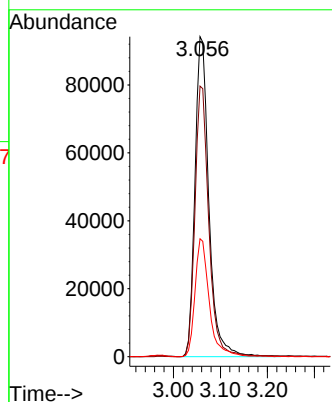
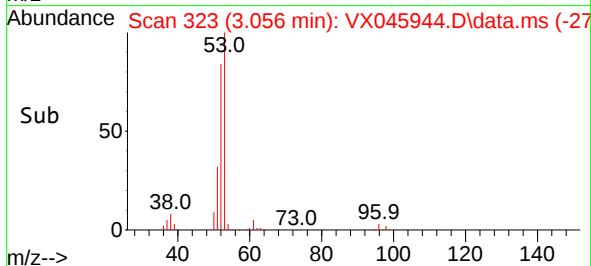
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 195244
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.2
51 37.7 29.9 44.9

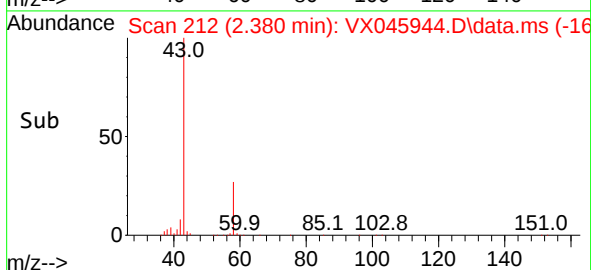
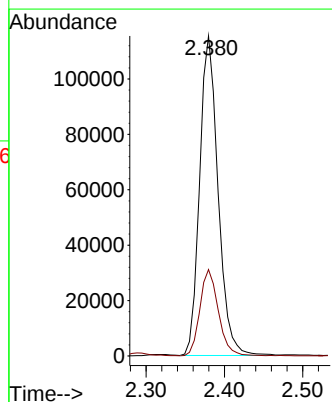
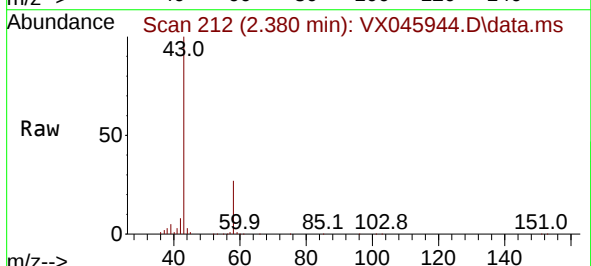
Manual Integrations
APPROVED

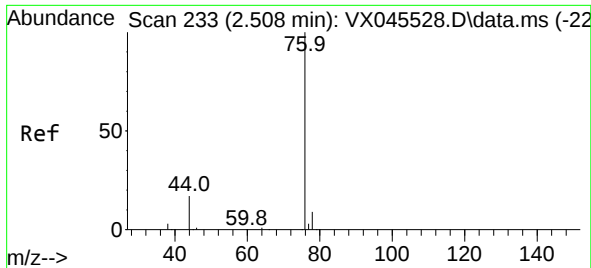
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 264.681 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

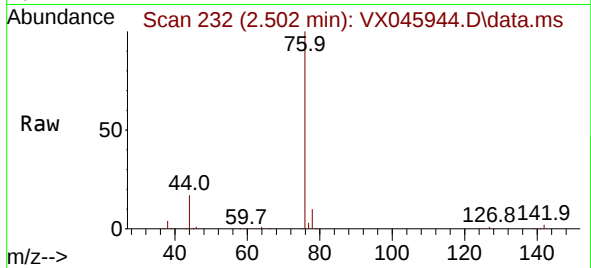
Tgt Ion: 43 Resp: 189016
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





#17
Carbon Disulfide
Concen: 50.635 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

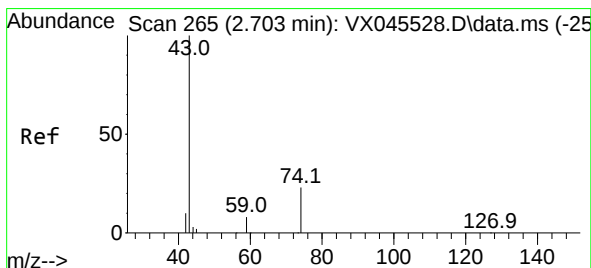
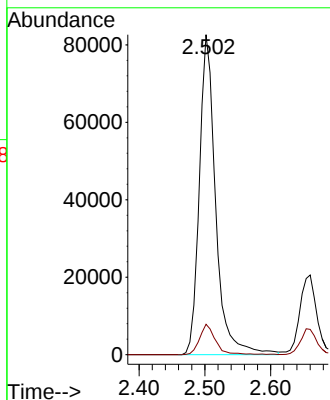
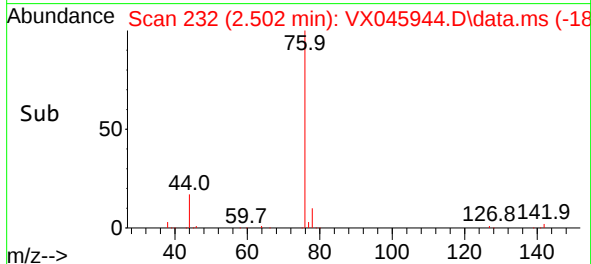
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 142778
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

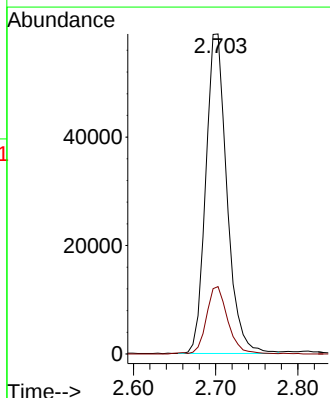
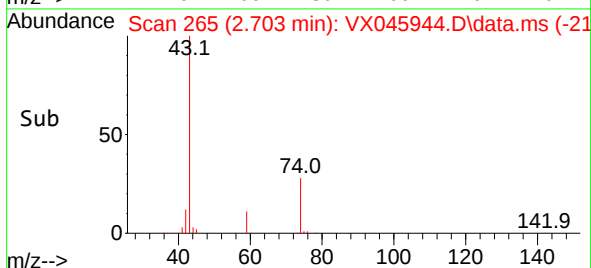
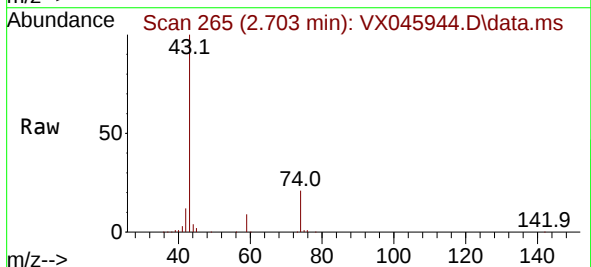
Manual Integrations
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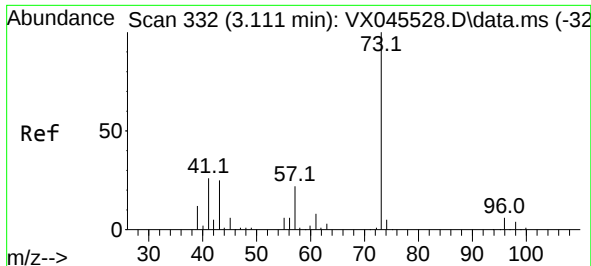
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#18
Methyl Acetate
Concen: 64.117 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 43 Resp: 105420
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3





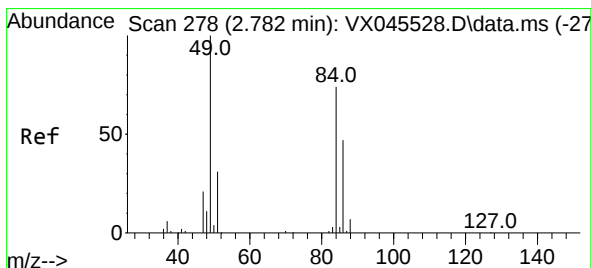
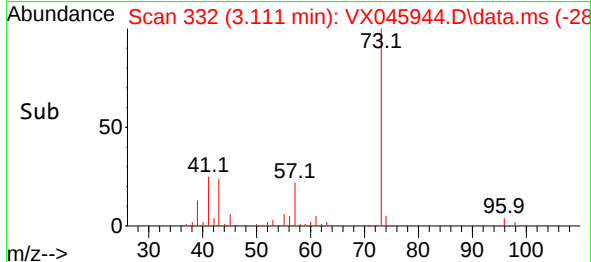
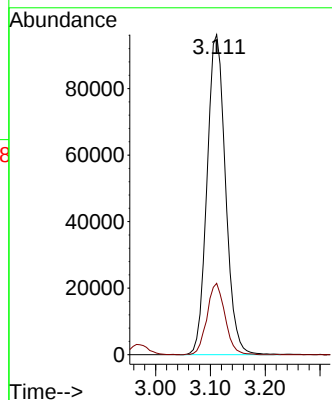
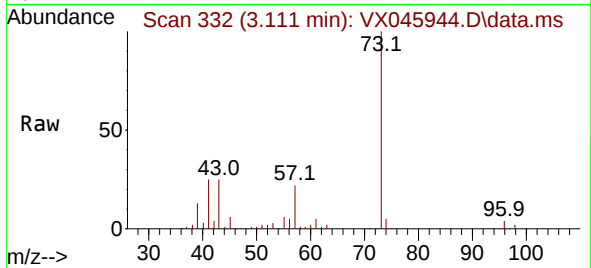
#19
Methyl tert-butyl Ether
Concen: 56.157 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 22427
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

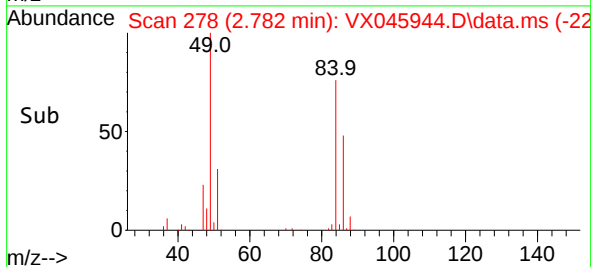
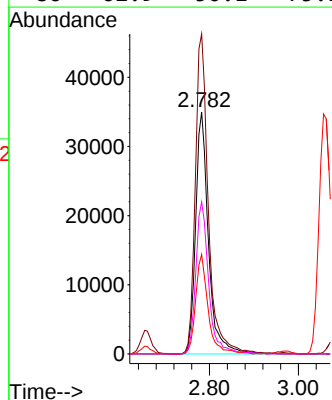
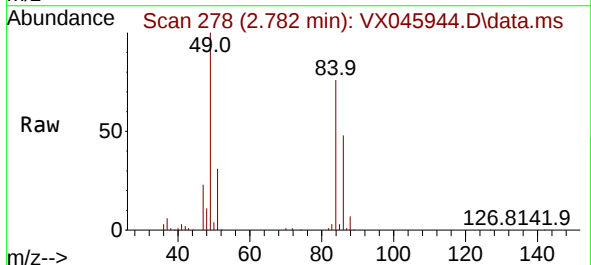
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 52.552 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

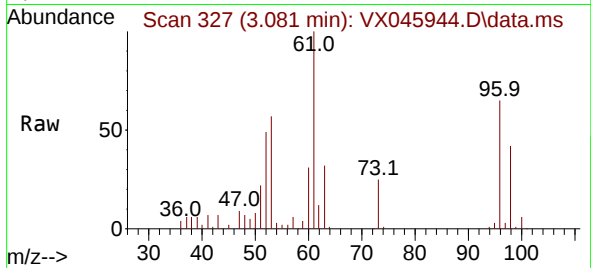
Tgt Ion: 84 Resp: 70259
Ion Ratio Lower Upper
84 100
49 132.2 107.5 161.3
51 41.2 33.0 49.6
86 62.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 52.554 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

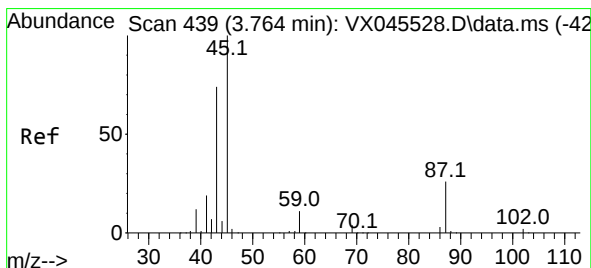
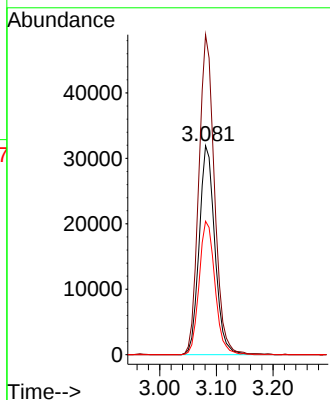
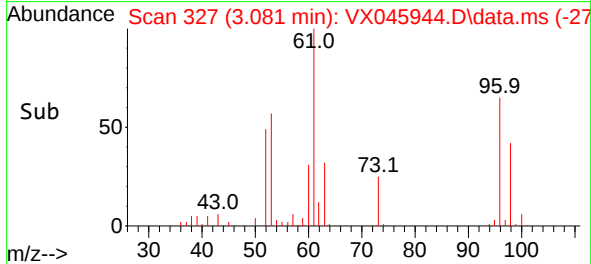
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6129
Ion Ratio Lower Upper
96 100
61 153.1 121.0 181.6
98 63.9 49.7 74.5

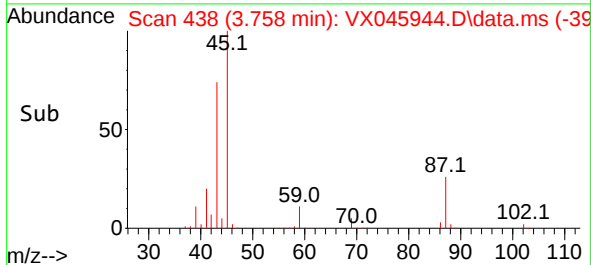
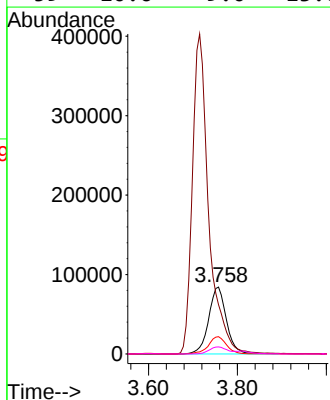
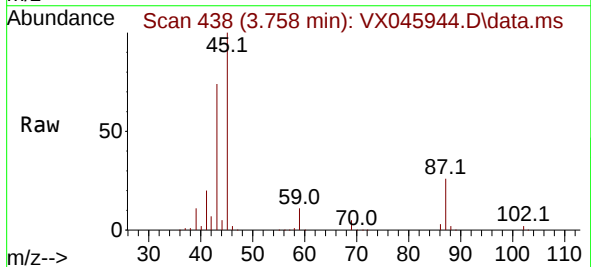
Manual Integrations
APPROVED

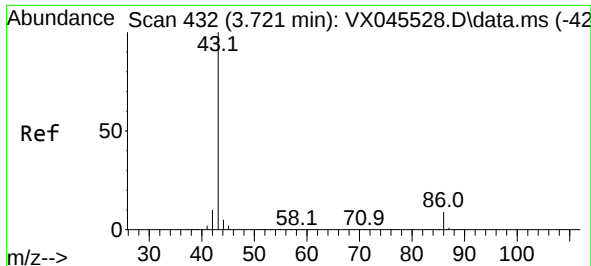
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#22
Diisopropyl ether
Concen: 54.801 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 45 Resp: 233838
Ion Ratio Lower Upper
45 100
43 73.5 59.3 88.9
87 25.8 20.4 30.6
59 10.6 9.0 13.6





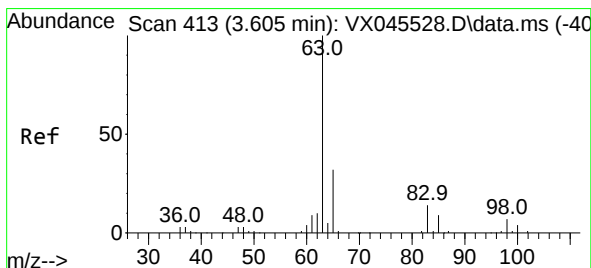
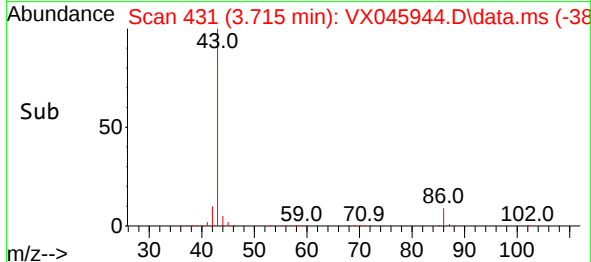
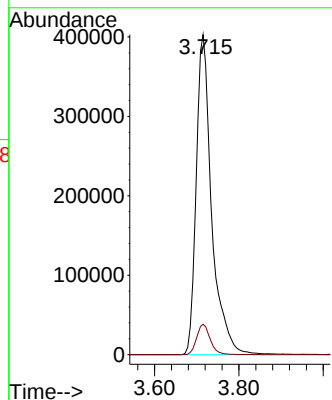
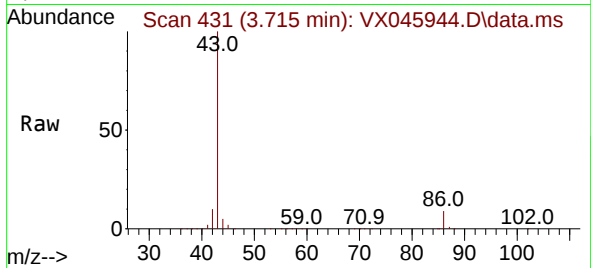
#23
 Vinyl Acetate
 Concen: 278.772 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 102774
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

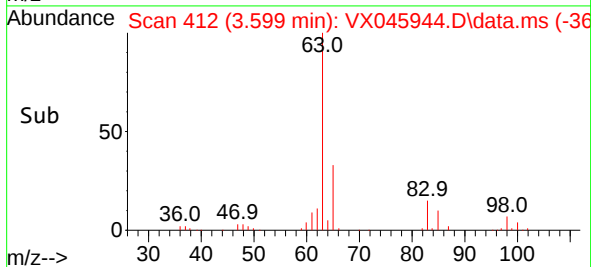
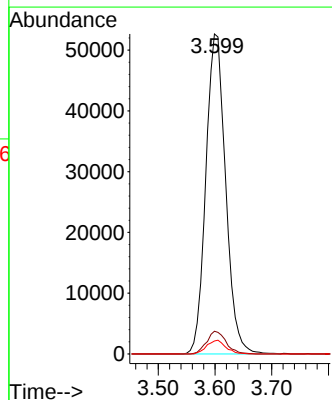
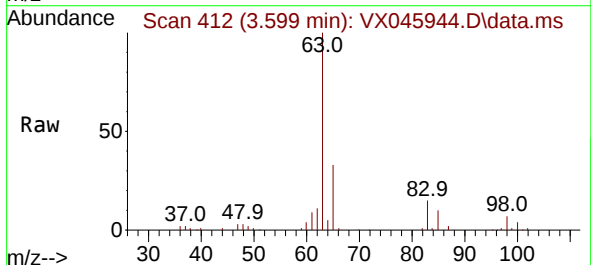
Manual Integrations
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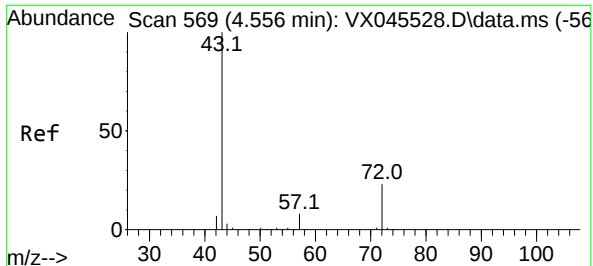
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#24
 1,1-Dichloroethane
 Concen: 52.896 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

Tgt Ion: 63 Resp: 127648
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.1 2.2 6.6





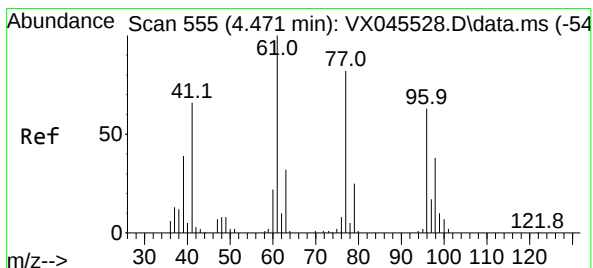
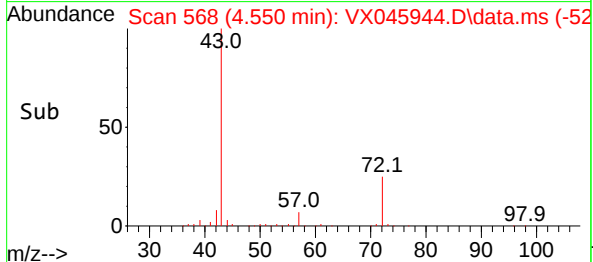
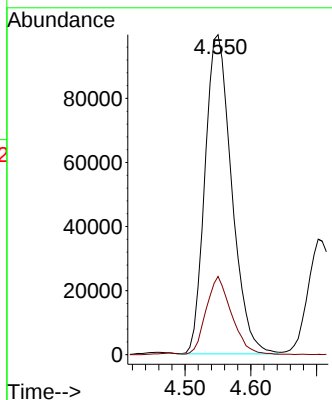
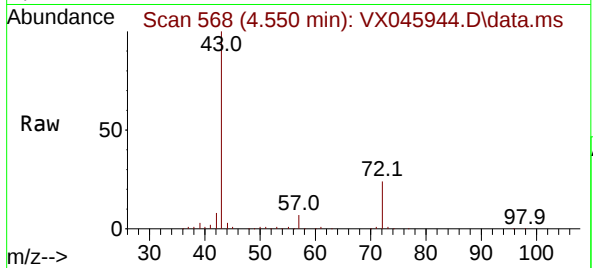
#25
2-Butanone
Concen: 269.522 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28174
Ion Ratio Lower Upper
43 100
72 24.4 18.6 28.0

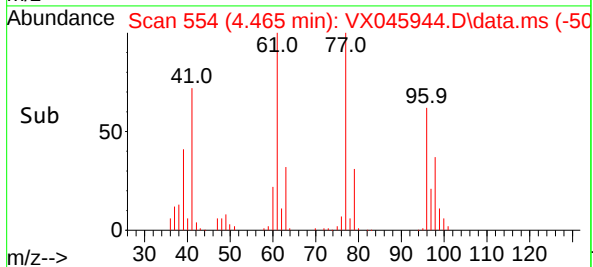
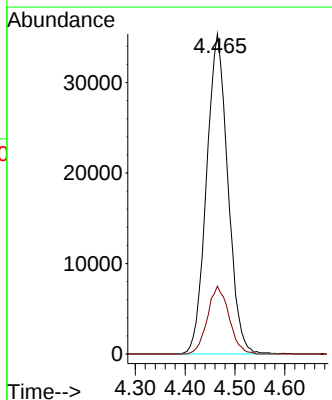
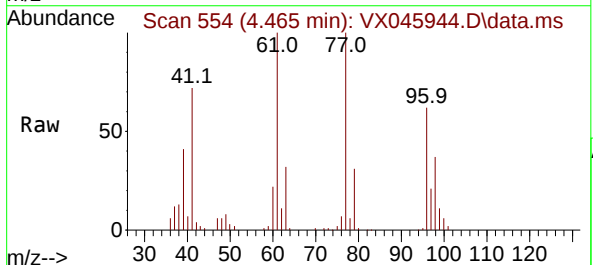
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#26
2,2-Dichloropropane
Concen: 67.508 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 77 Resp: 105254
Ion Ratio Lower Upper
77 100
97 21.3 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 52.664 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7483

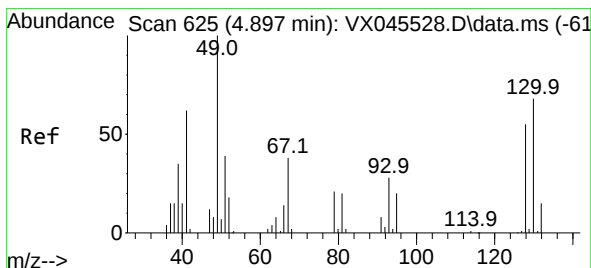
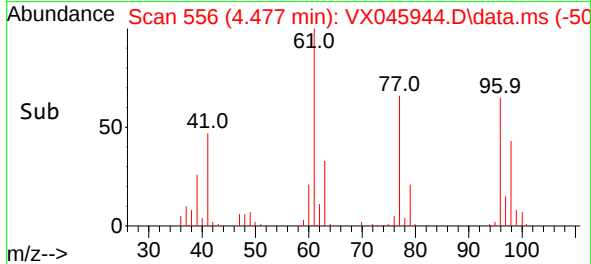
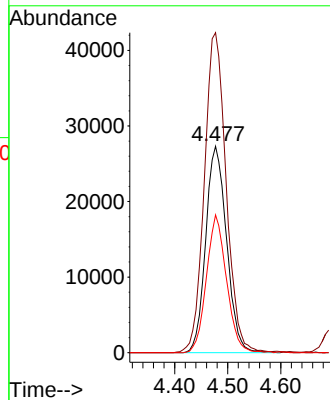
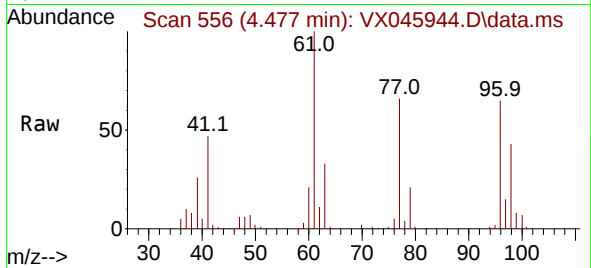
Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	313.2
98	64.3	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#28

Bromochloromethane

Concen: 48.119 ug/l

RT: 4.885 min Scan# 623

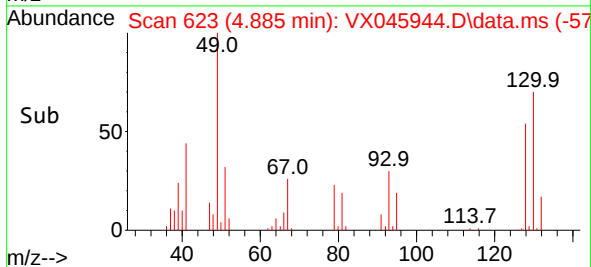
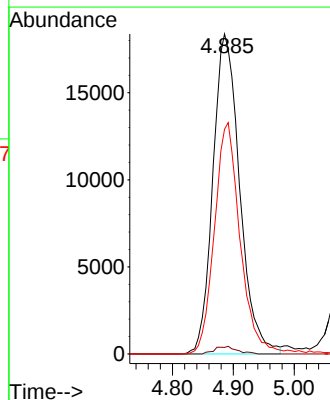
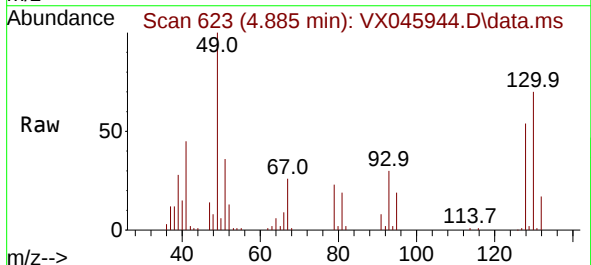
Delta R.T. -0.012 min

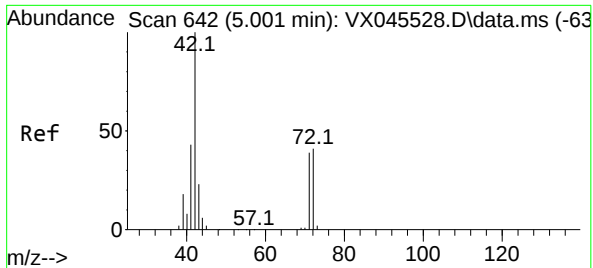
Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Tgt Ion: 49 Resp: 56114

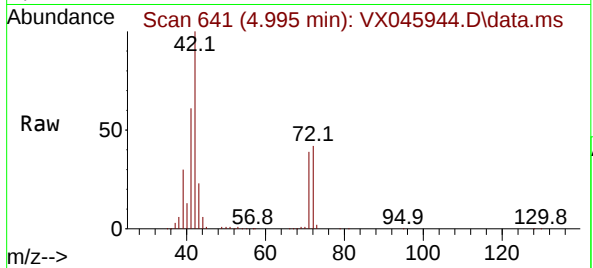
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	69.6	54.6	81.8





#29
Tetrahydrofuran
Concen: 258.933 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

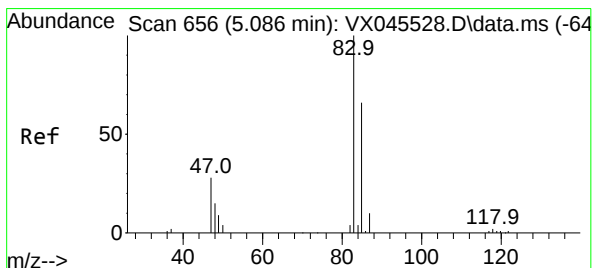
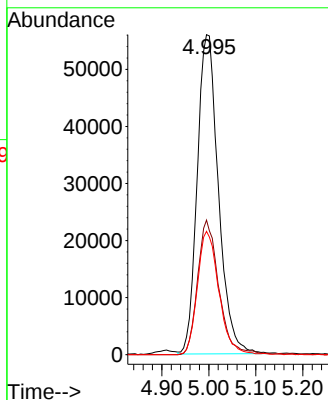
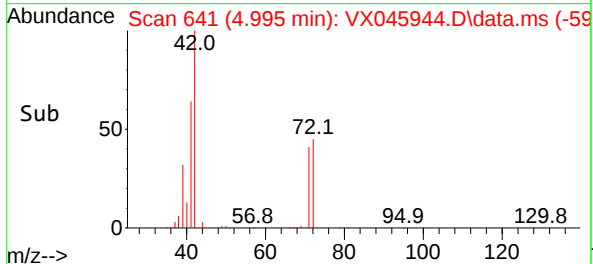
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 175486
Ion Ratio Lower Upper
42 100
72 42.2 33.4 50.0
71 39.0 31.4 47.0

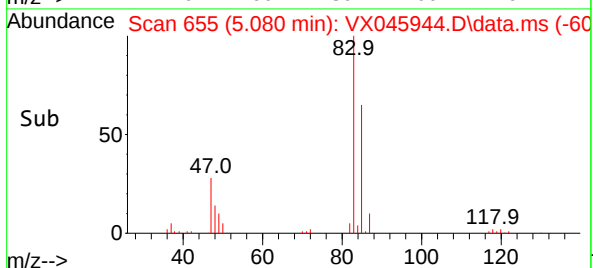
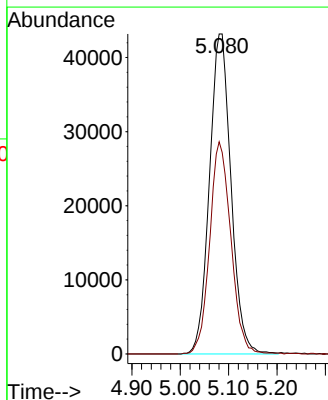
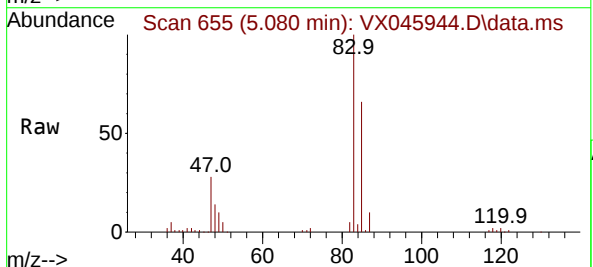
Manual Integrations
APPROVED

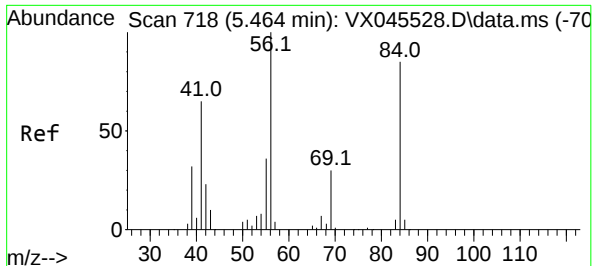
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#30
Chloroform
Concen: 53.912 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

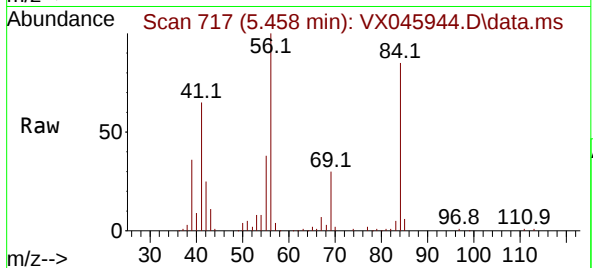
Tgt Ion: 83 Resp: 133867
Ion Ratio Lower Upper
83 100
85 66.3 52.8 79.2





#31
Cyclohexane
Concen: 52.036 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

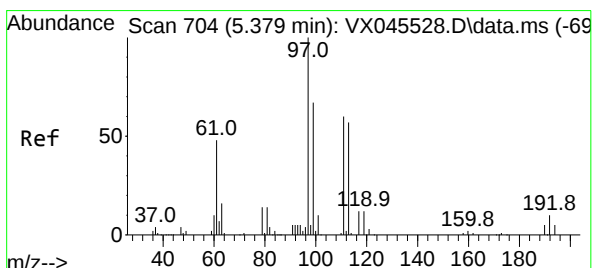
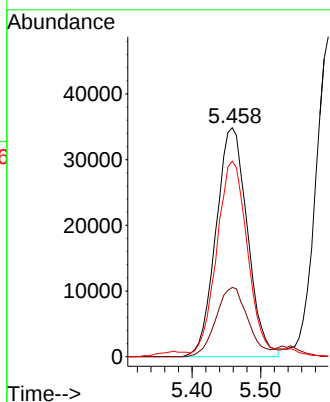
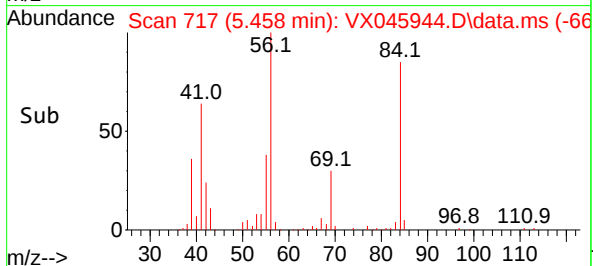
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 111012
Ion Ratio Lower Upper
56 100
69 30.3 23.6 35.4
84 83.5 67.7 101.5

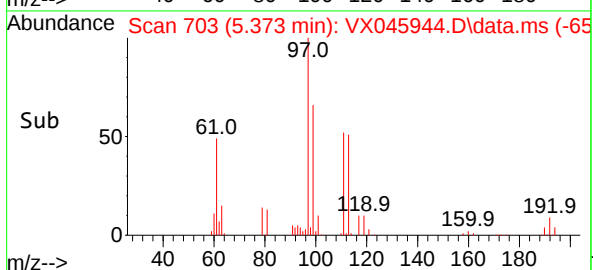
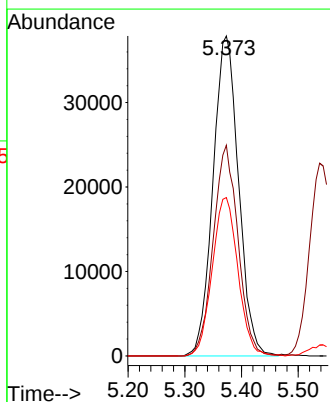
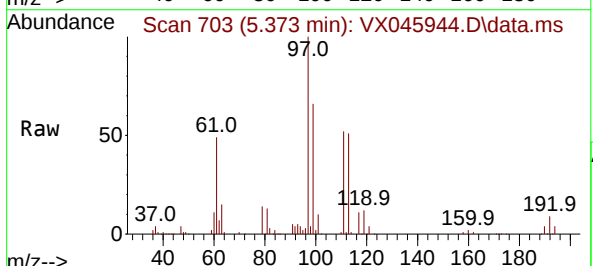
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#32
1,1,1-Trichloroethane
Concen: 56.350 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 97 Resp: 118396
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 49.9 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 46.419 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80728

Ion Ratio Lower Upper

65 100

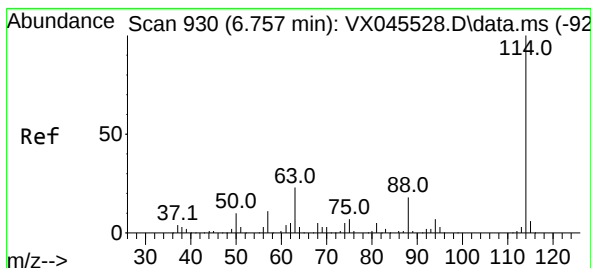
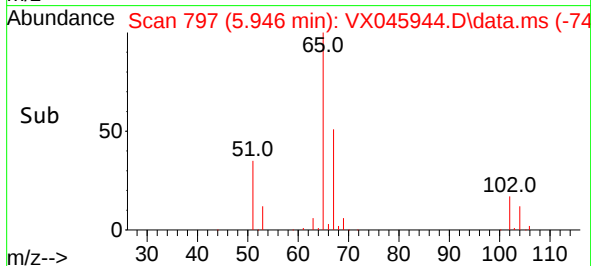
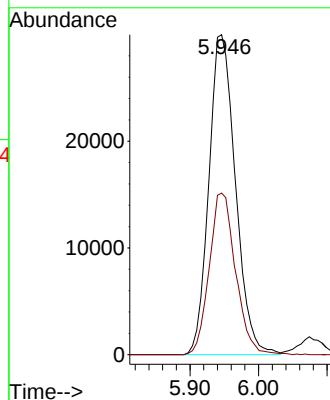
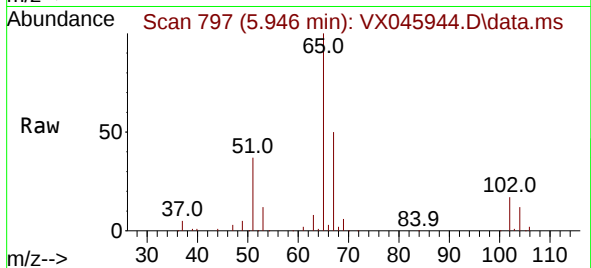
67 50.0 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

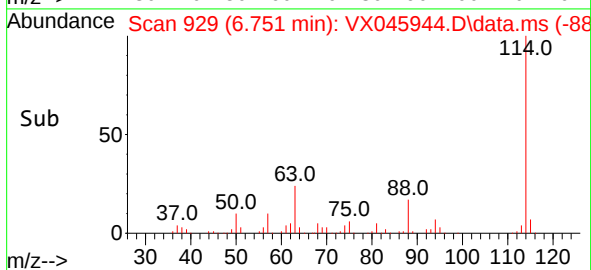
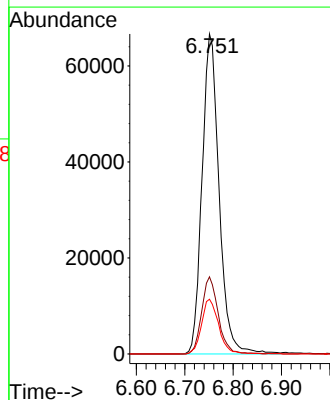
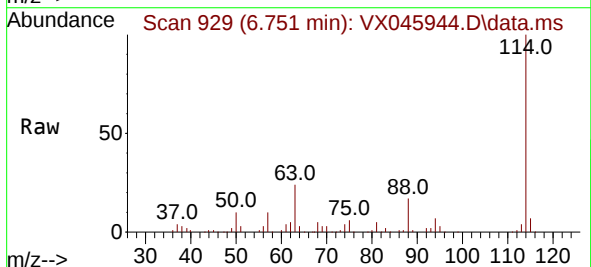
Tgt Ion:114 Resp: 163172

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.1 0.0 35.4





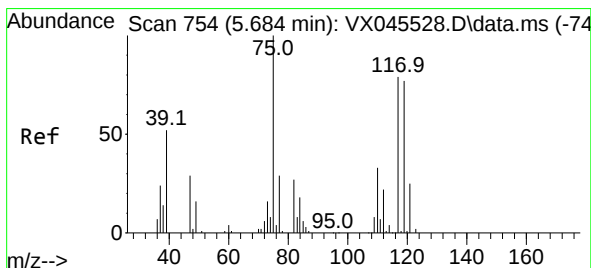
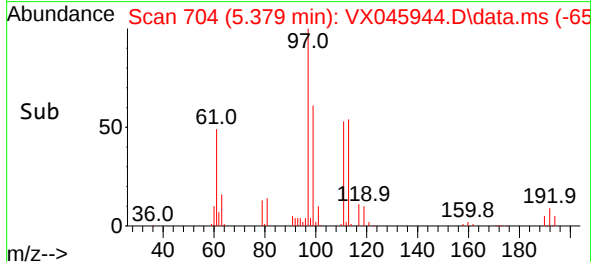
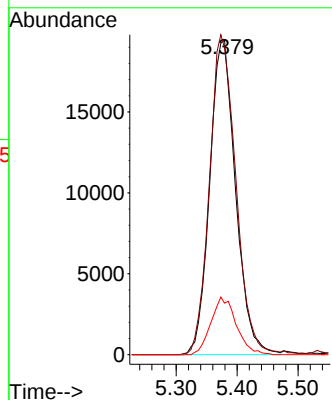
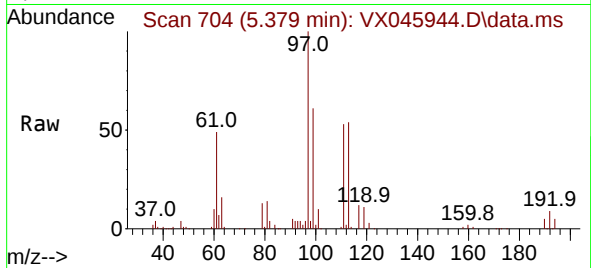
#35
Dibromofluoromethane
Concen: 49.618 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 5744
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 18.0 13.8 20.6

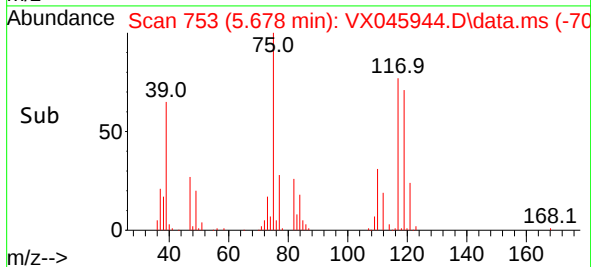
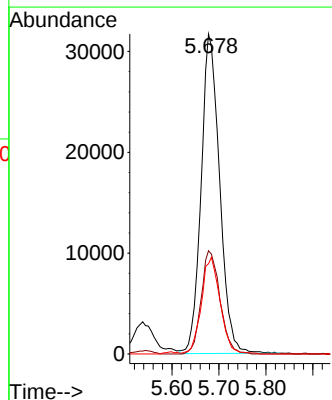
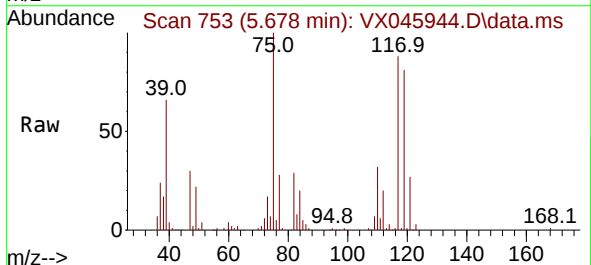
Manual Integrations
APPROVED

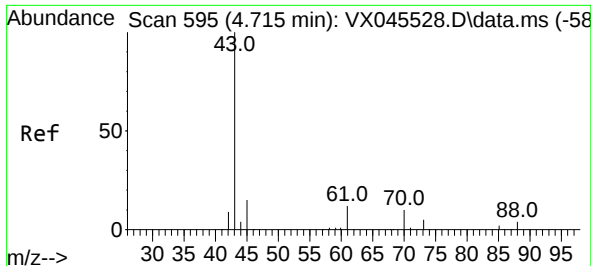
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#36
1,1-Dichloropropene
Concen: 55.513 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 75 Resp: 86774
Ion Ratio Lower Upper
75 100
110 32.7 16.9 50.6
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 53.636 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 10565

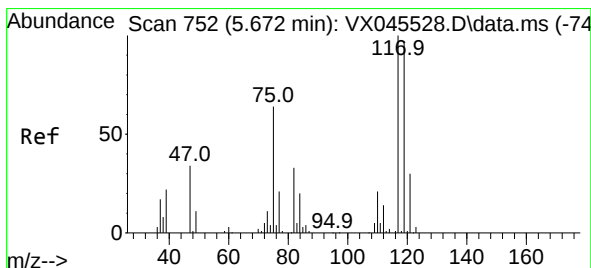
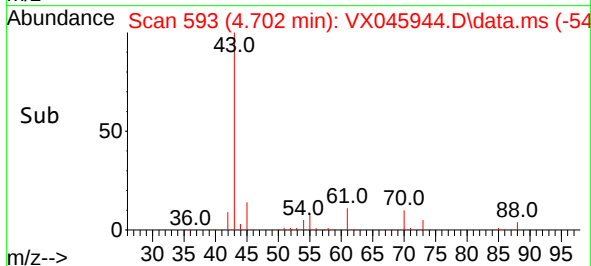
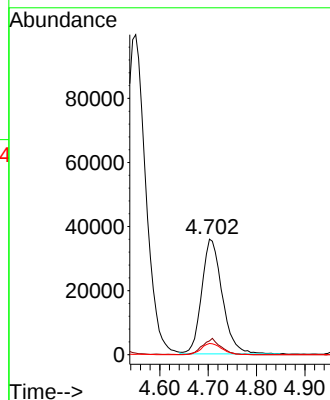
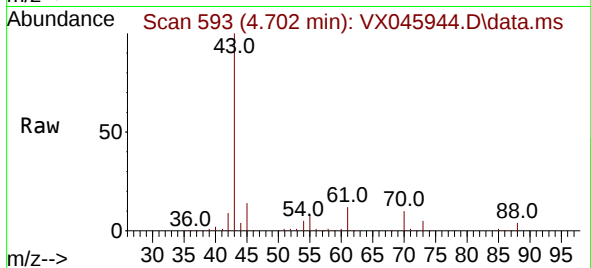
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.9	14.9
70	9.8	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#38

Carbon Tetrachloride

Concen: 60.766 ug/l

RT: 5.666 min Scan# 751

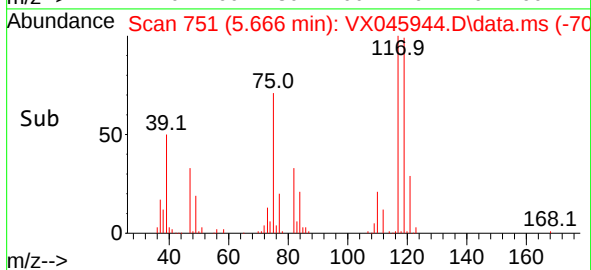
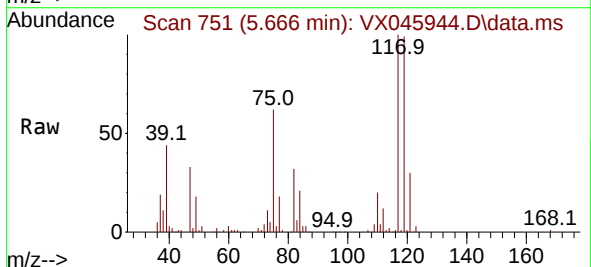
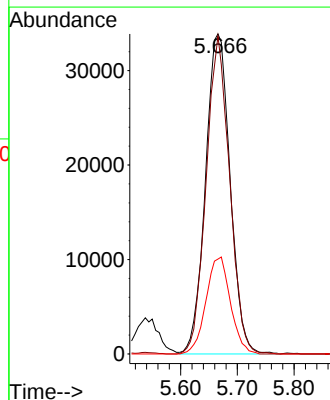
Delta R.T. -0.006 min

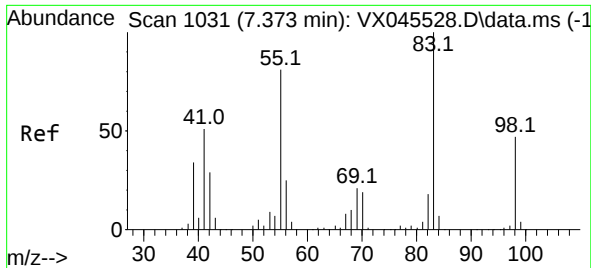
Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Tgt Ion:117 Resp: 102656

Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.9	115.3
121	29.7	24.2	36.2





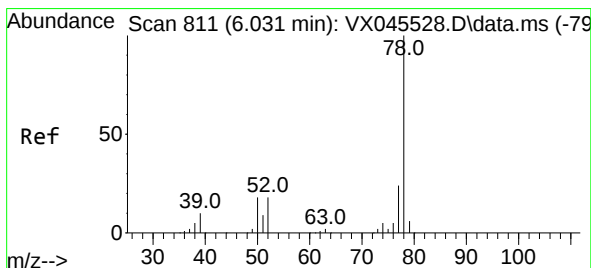
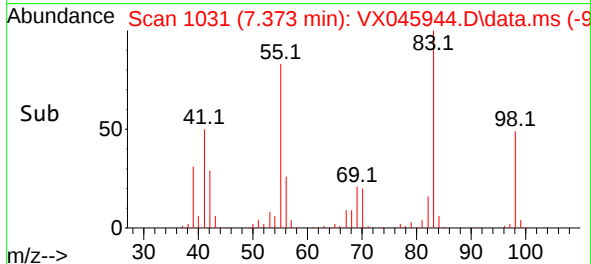
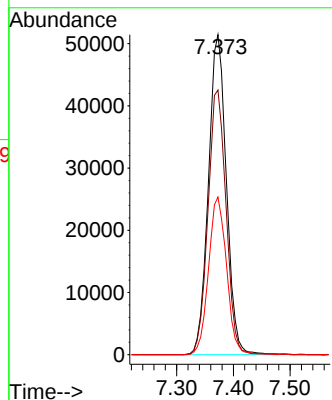
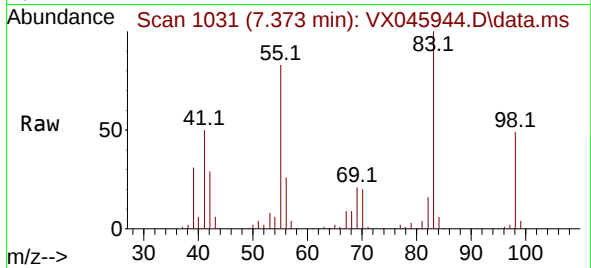
#39
Methylcyclohexane
Concen: 58.995 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 113039
Ion Ratio Lower Upper
83 100
55 82.7 64.9 97.3
98 49.3 37.4 56.0

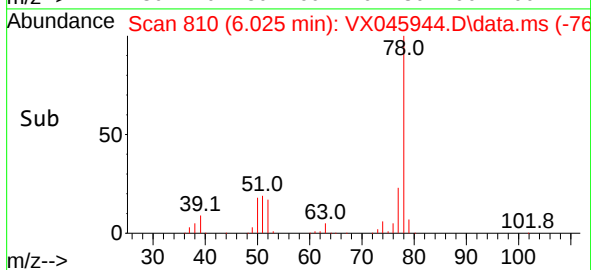
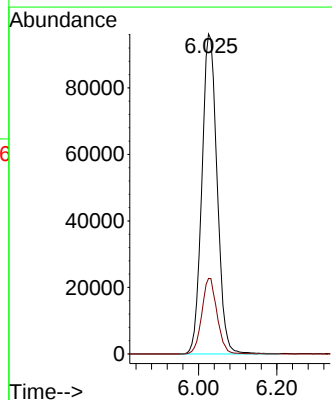
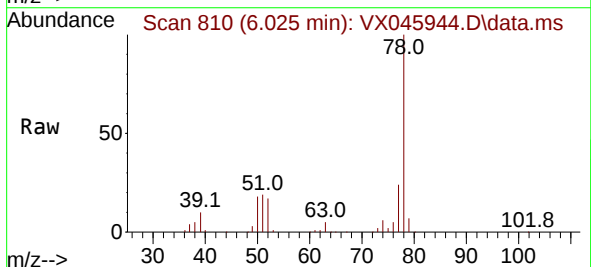
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#40
Benzene
Concen: 54.467 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

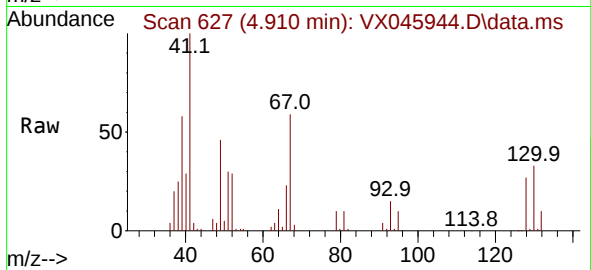
Tgt Ion: 78 Resp: 260026
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 59.973 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

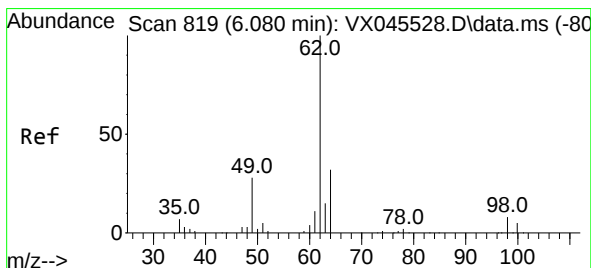
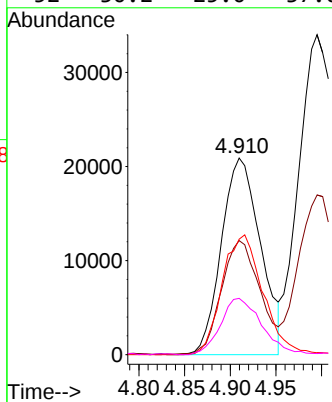
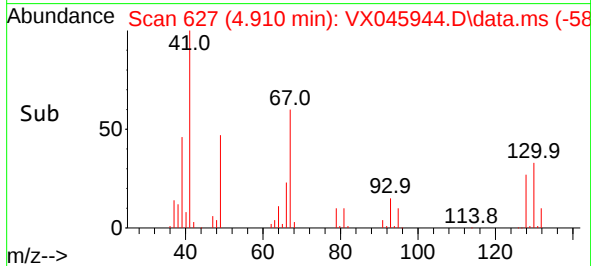
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 62334
Ion Ratio Lower Upper
41 100
39 57.6 47.0 70.6
67 64.1 53.2 79.8
52 30.2 25.0 37.6

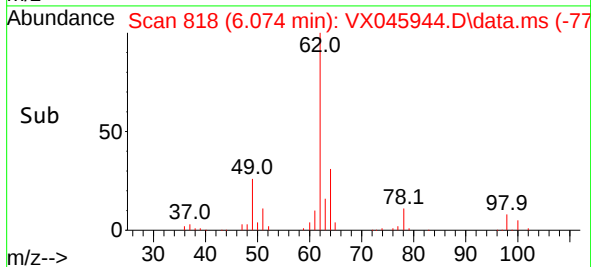
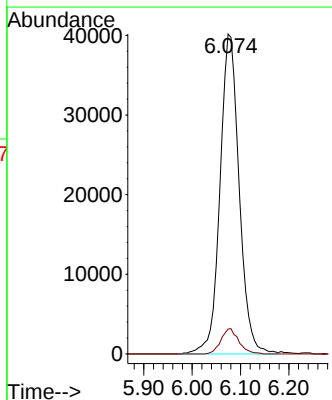
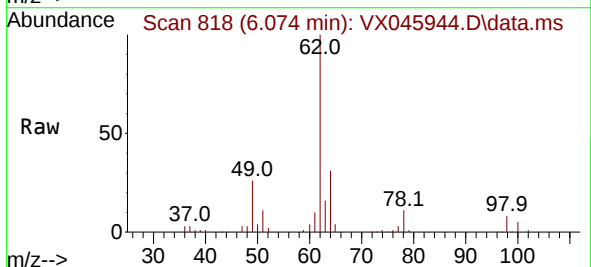
Manual Integrations
APPROVED

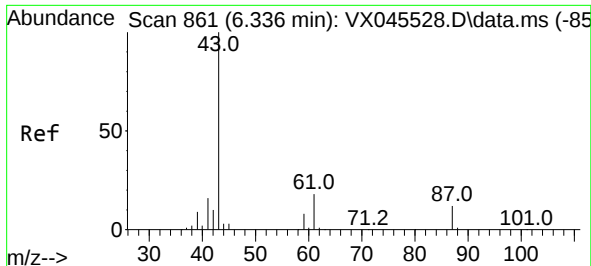
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#42
1,2-Dichloroethane
Concen: 56.209 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

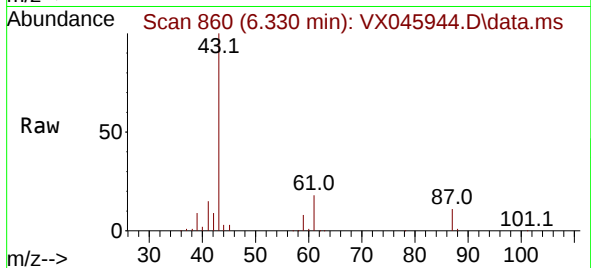
Tgt Ion: 62 Resp: 110831
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 57.689 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

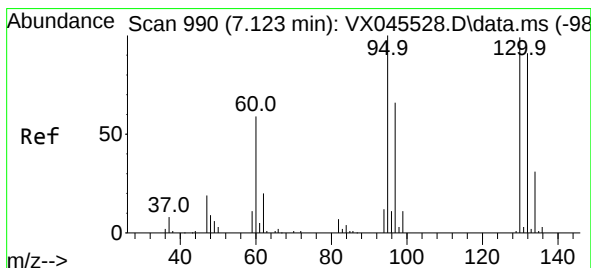
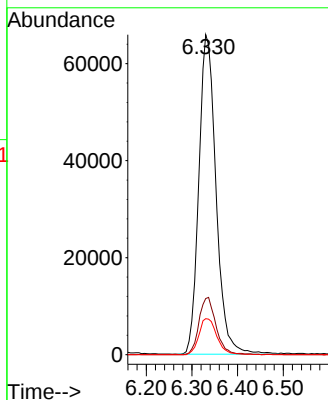
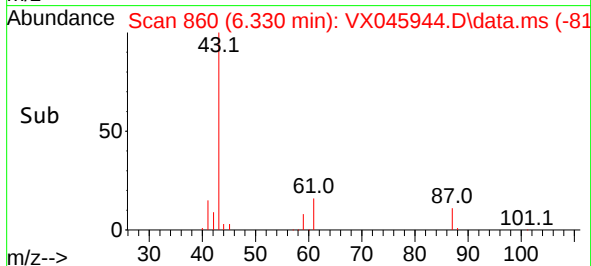
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172236
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.7 9.2 13.8

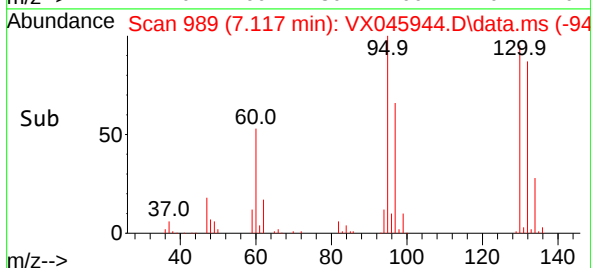
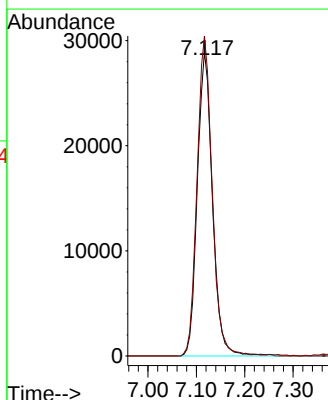
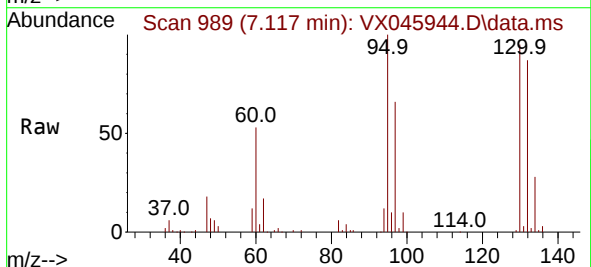
Manual Integrations
APPROVED

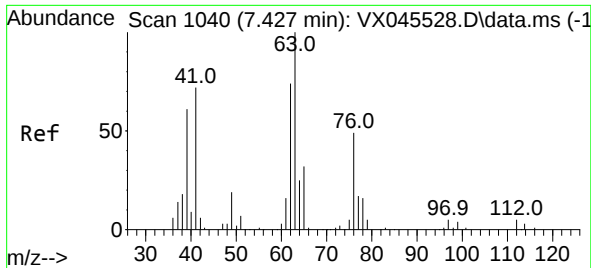
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#44
Trichloroethene
Concen: 55.399 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion:130 Resp: 62861
Ion Ratio Lower Upper
130 100
95 105.2 0.0 202.0





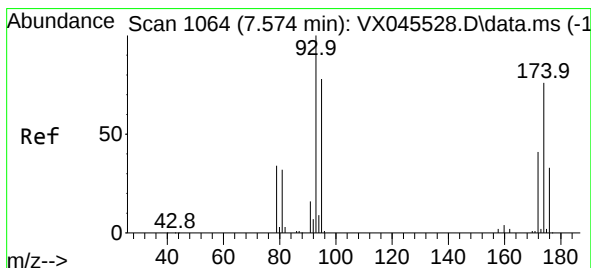
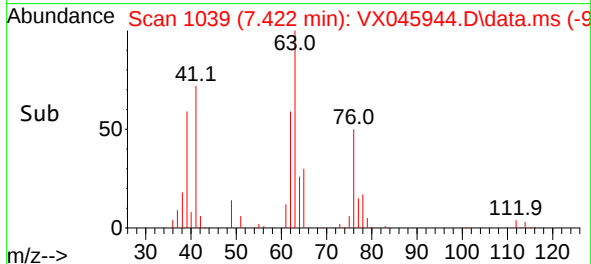
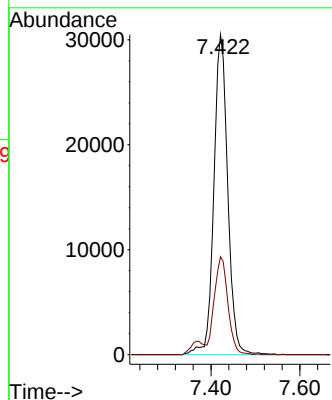
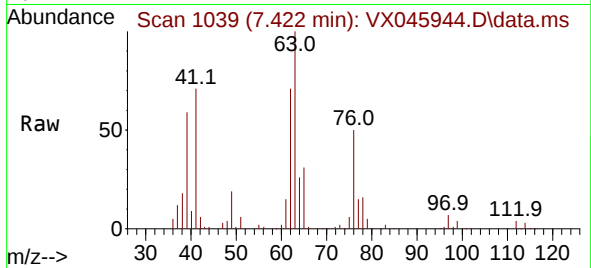
#45
1,2-Dichloropropane
Concen: 55.400 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 65990
Ion Ratio Lower Upper
63 100
65 30.6 25.8 38.6

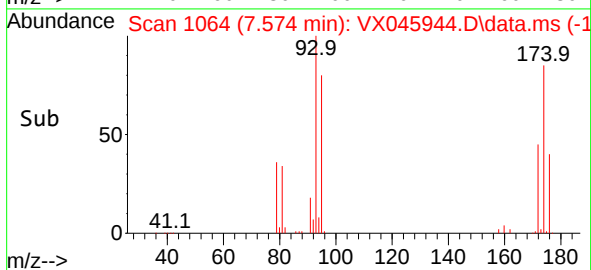
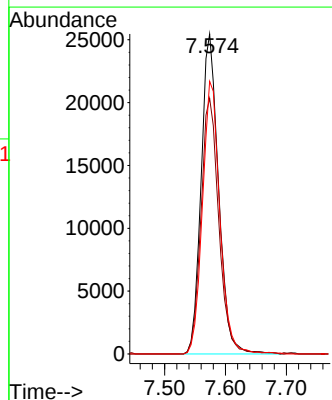
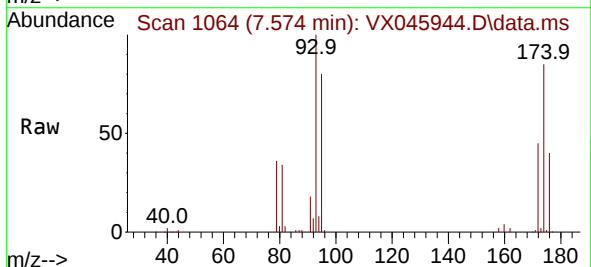
Manual Integrations
APPROVED

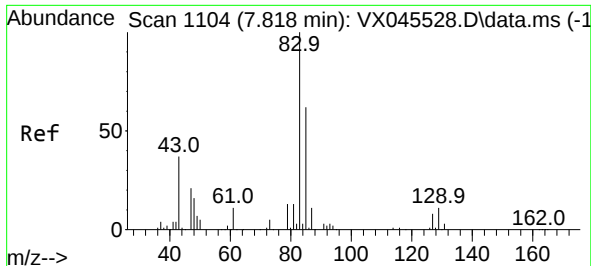
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#46
Dibromomethane
Concen: 55.382 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

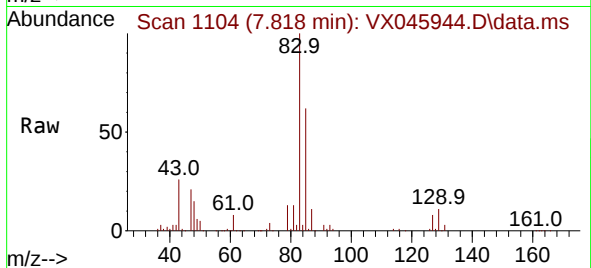
Tgt Ion: 93 Resp: 50640
Ion Ratio Lower Upper
93 100
95 82.0 64.8 97.2
174 85.2 65.4 98.0





#47
Bromodichloromethane
Concen: 58.502 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

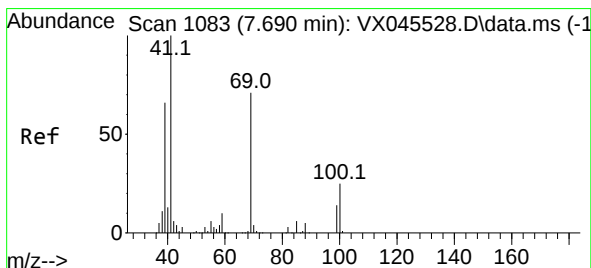
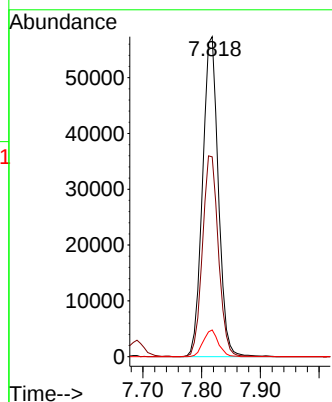
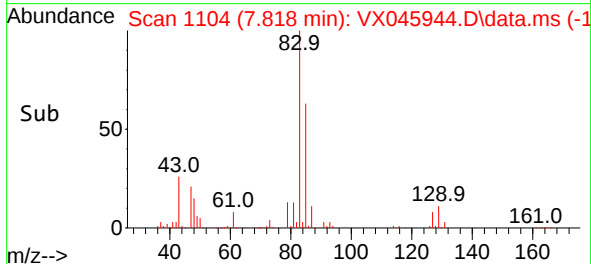
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 106828
Ion Ratio Lower Upper
83 100
85 62.5 49.7 74.5
127 8.3 6.1 9.1

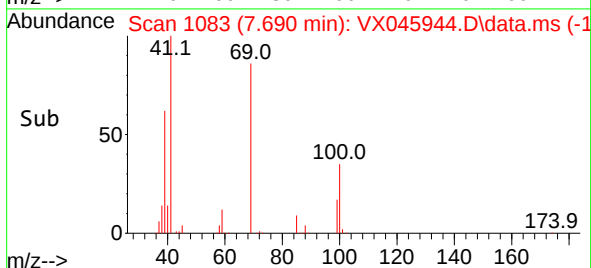
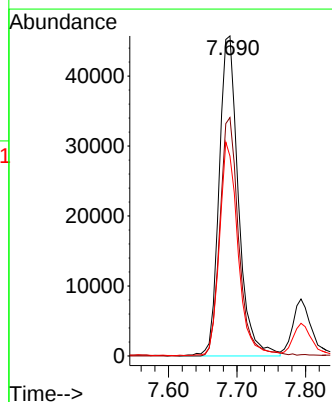
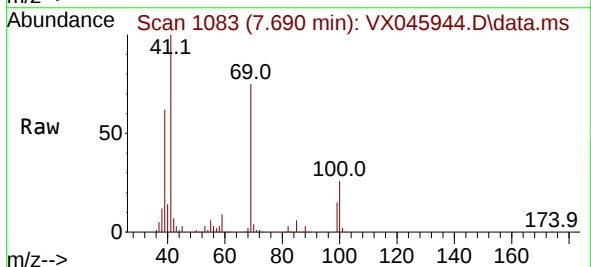
Manual Integrations
APPROVED

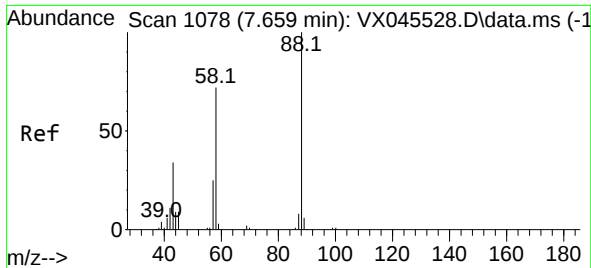
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#48
Methyl methacrylate
Concen: 57.956 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

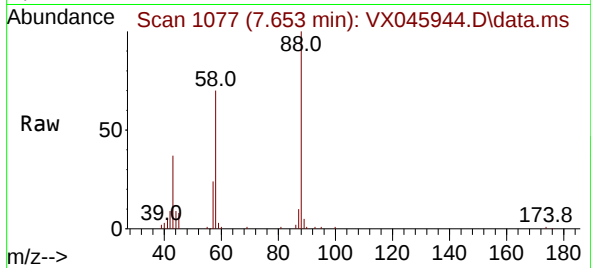
Tgt Ion: 41 Resp: 89341
Ion Ratio Lower Upper
41 100
69 73.1 58.2 87.2
39 63.8 53.6 80.4





#49
1,4-Dioxane
Concen: 1084.645 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

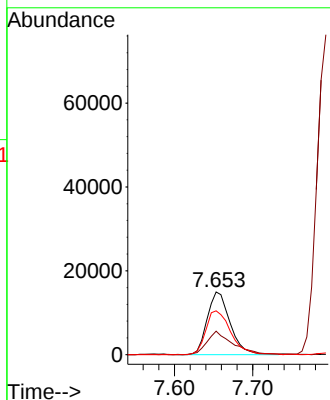
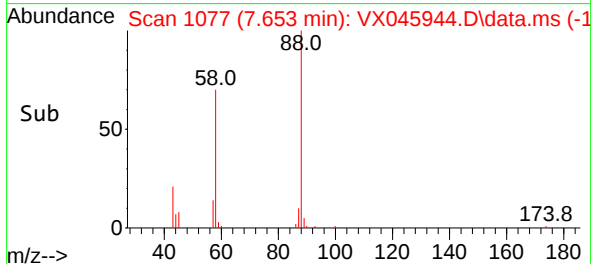
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3025
Ion Ratio Lower Upper
88 100
43 43.0 32.2 48.4
58 76.3 58.6 88.0

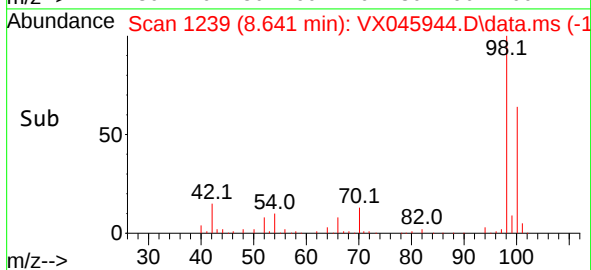
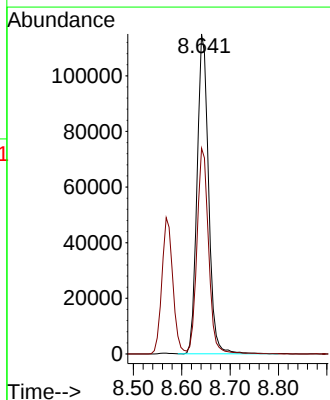
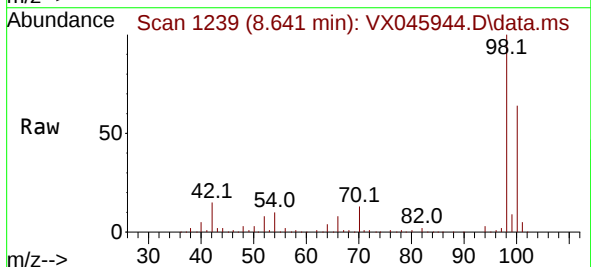
Manual Integrations
APPROVED

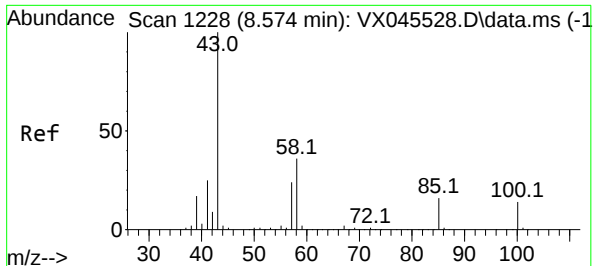
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#50
Toluene-d8
Concen: 46.672 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 98 Resp: 188593
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





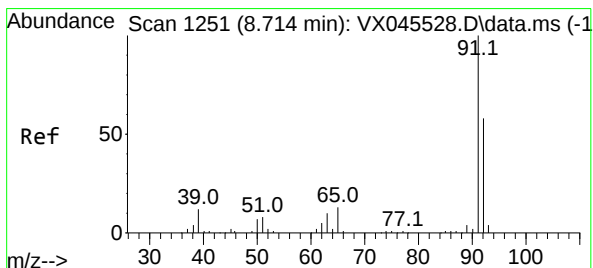
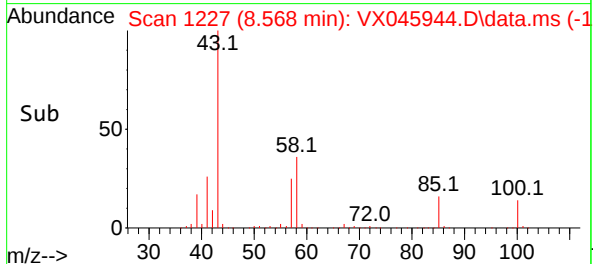
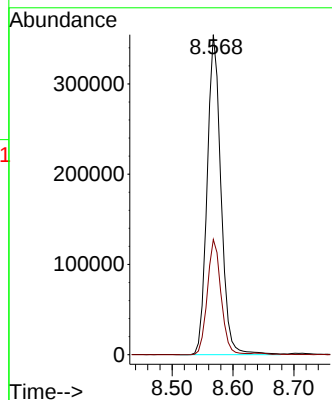
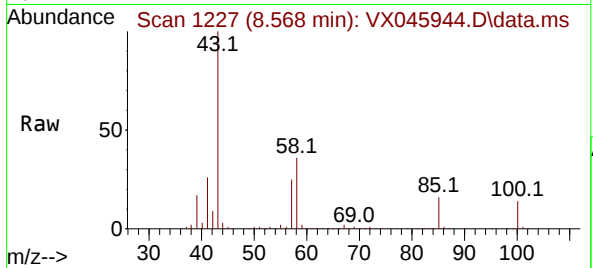
#51
4-Methyl-2-Pentanone
Concen: 282.816 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 559754
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

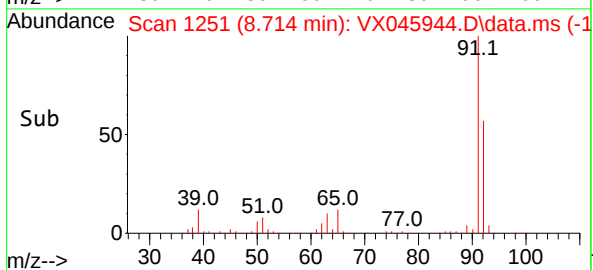
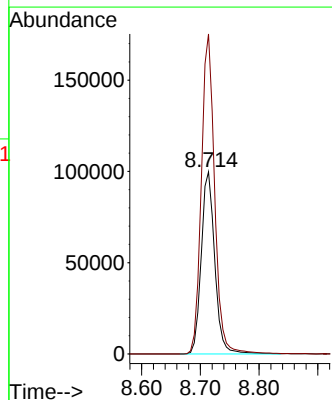
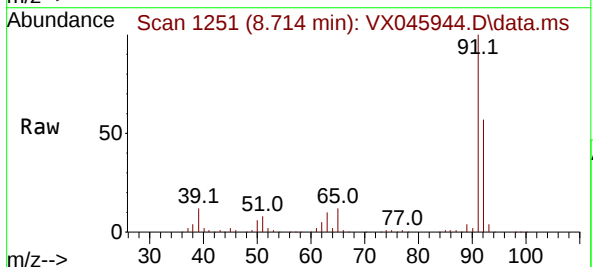
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#52
Toluene
Concen: 55.213 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 92 Resp: 159496
Ion Ratio Lower Upper
92 100
91 173.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 55.582 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 98075

Ion Ratio Lower Upper

75 100

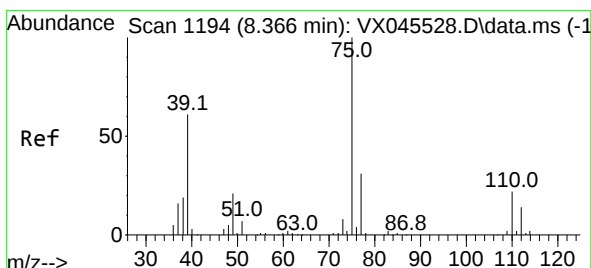
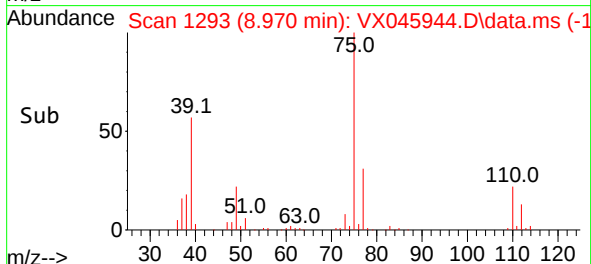
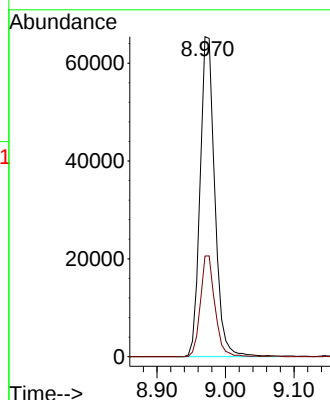
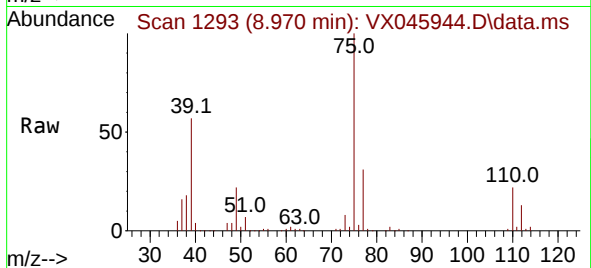
77 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#54

cis-1,3-Dichloropropene

Concen: 62.055 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

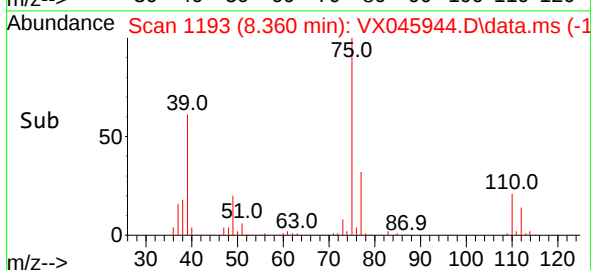
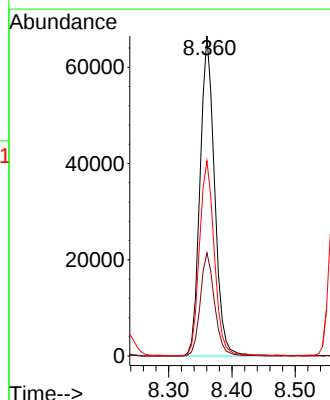
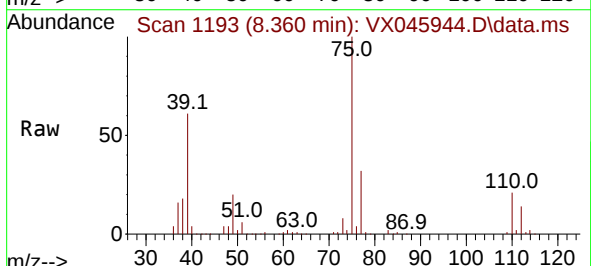
Tgt Ion: 75 Resp: 106486

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

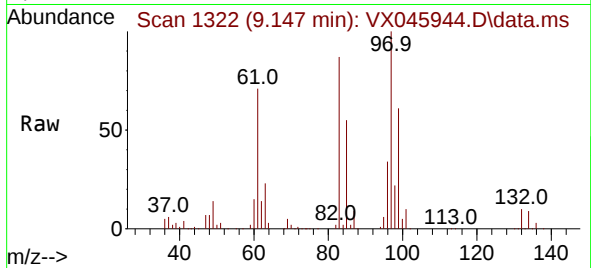
39 60.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 55.398 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

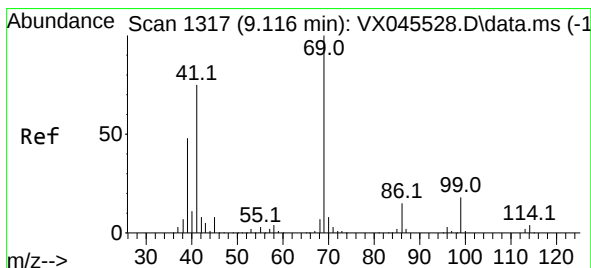
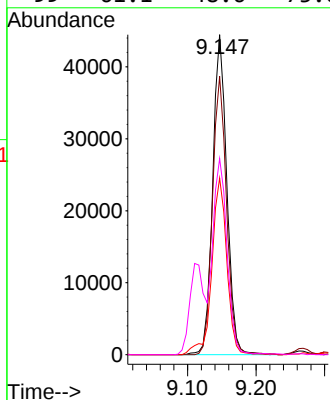
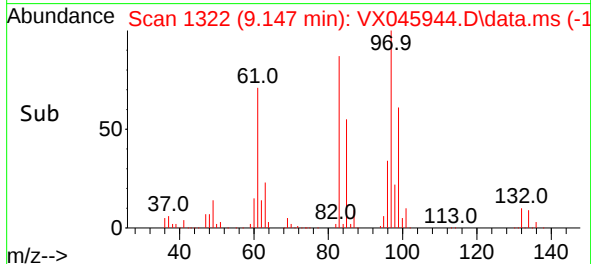
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



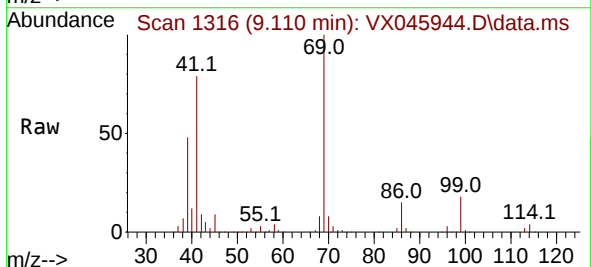
Tgt Ion: 97 Resp: 63770
Ion Ratio Lower Upper
97 100
83 87.0 71.8 107.8
85 55.2 47.0 70.6
99 61.1 48.6 73.0

Manual Integrations
APPROVED

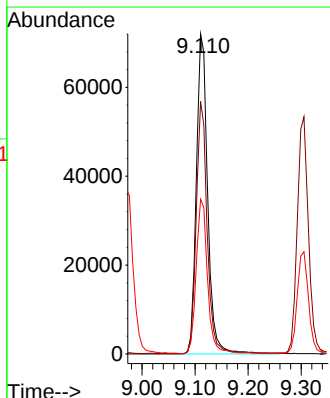
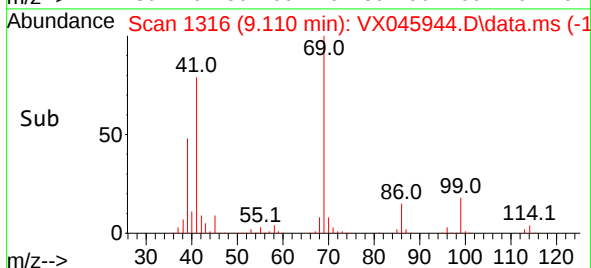
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

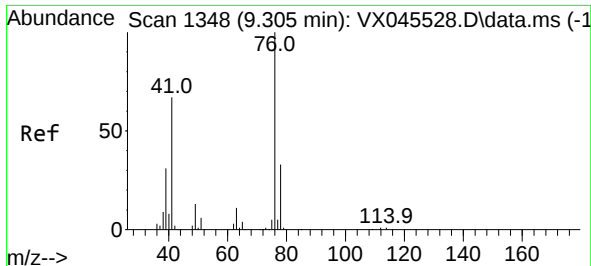


#56
Ethyl methacrylate
Concen: 60.117 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



Tgt Ion: 69 Resp: 107098
Ion Ratio Lower Upper
69 100
41 76.2 61.3 91.9
39 48.0 40.2 60.2





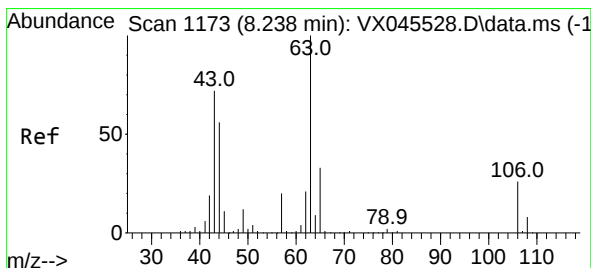
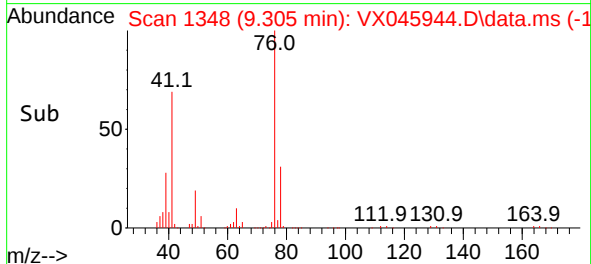
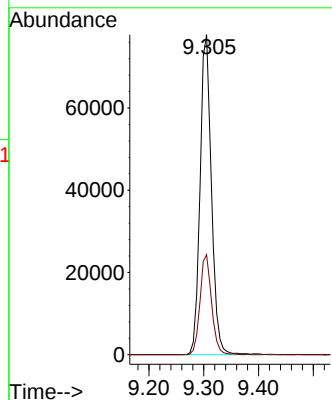
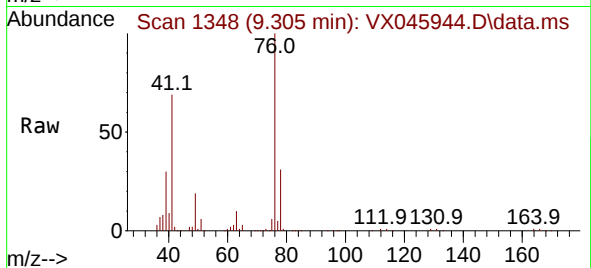
#57
1,3-Dichloropropane
Concen: 56.016 ug/l
RT: 9.305 min Scan# 11228
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11228
Ion Ratio Lower Upper
76 100
78 31.7 26.0 39.0

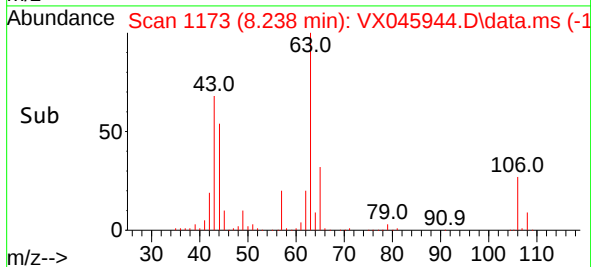
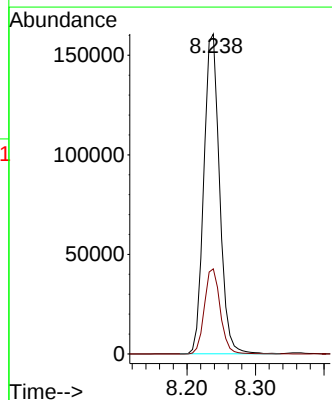
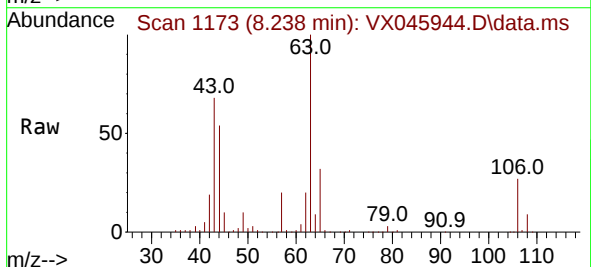
Manual Integrations
APPROVED

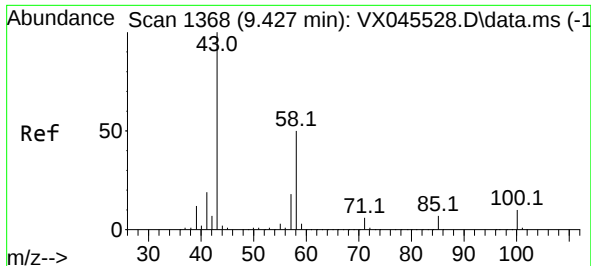
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 285.434 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

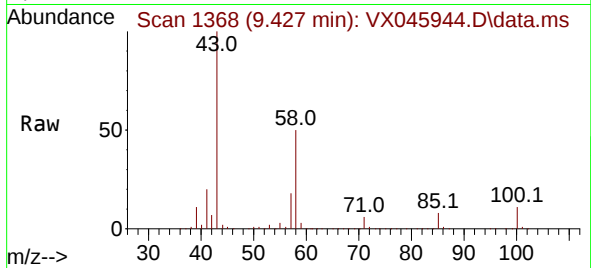
Tgt Ion: 63 Resp: 257236
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.6





#59
2-Hexanone
Concen: 286.827 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

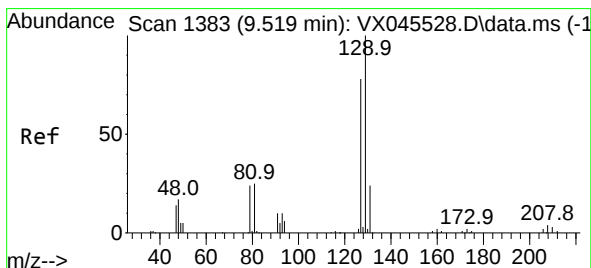
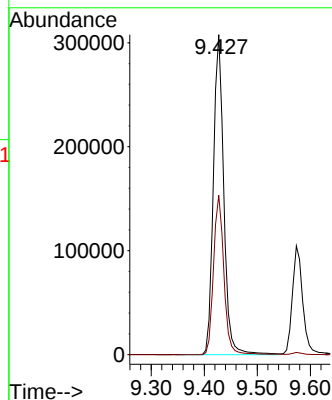
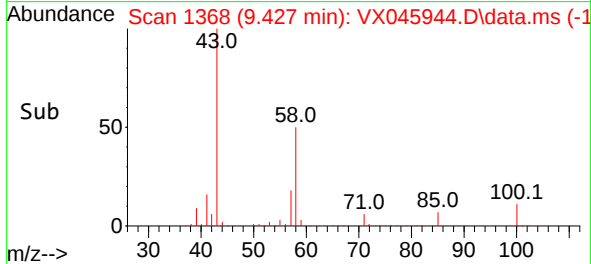
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 420390
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

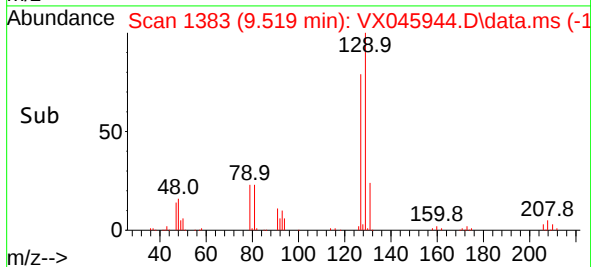
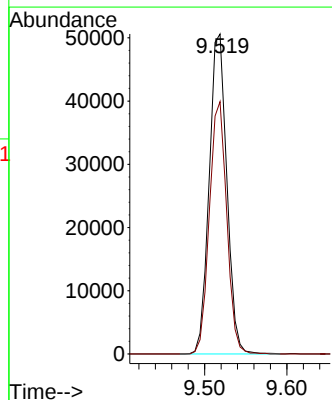
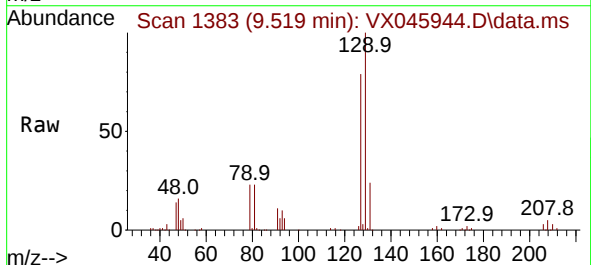
Manual Integrations
APPROVED

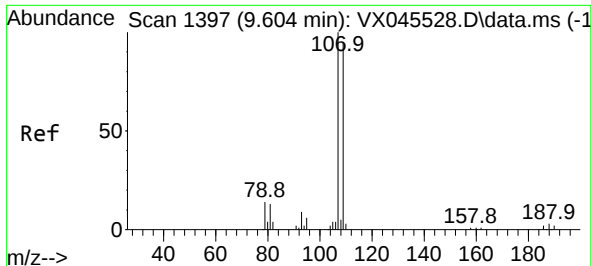
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#60
Dibromochloromethane
Concen: 60.076 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

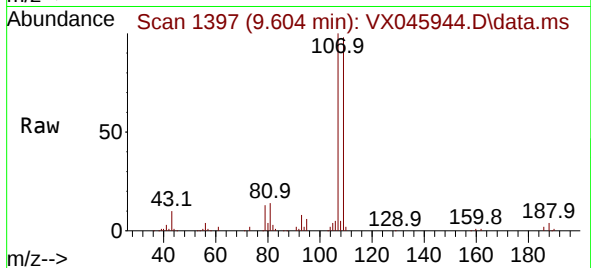
Tgt Ion:129 Resp: 75392
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 56.988 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

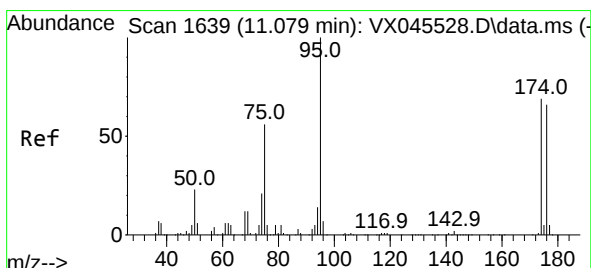
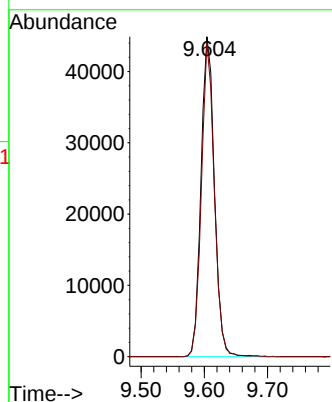
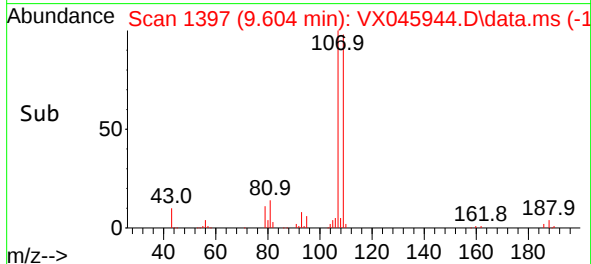
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



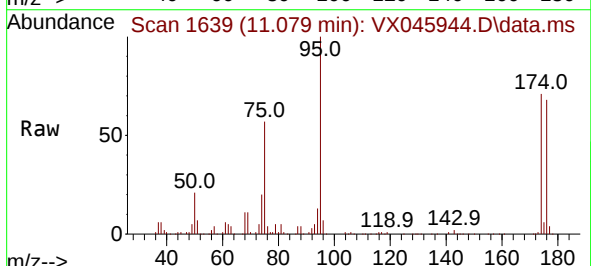
Tgt Ion:107 Resp: 6640
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

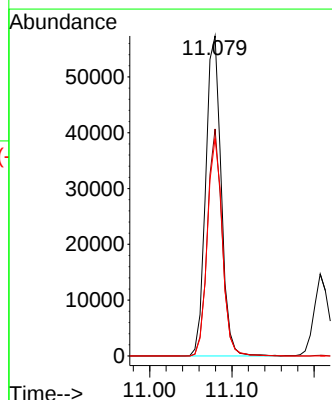
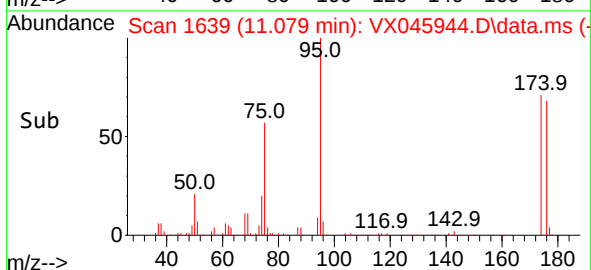
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#62
4-Bromofluorobenzene
Concen: 50.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



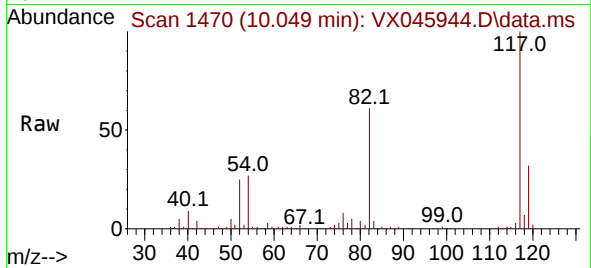
Tgt Ion: 95 Resp: 74618
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 66.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

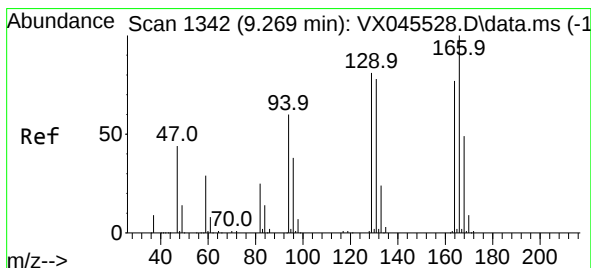
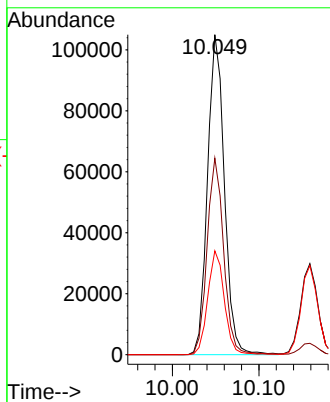
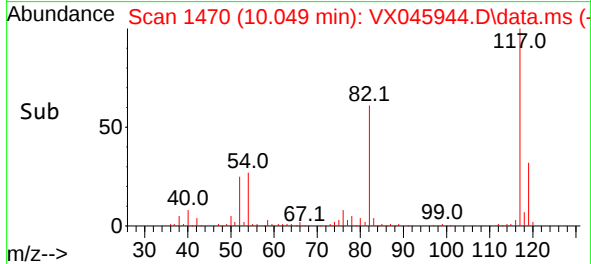
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 141994
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.5 25.1 37.7

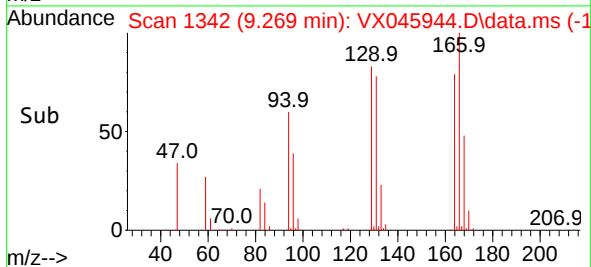
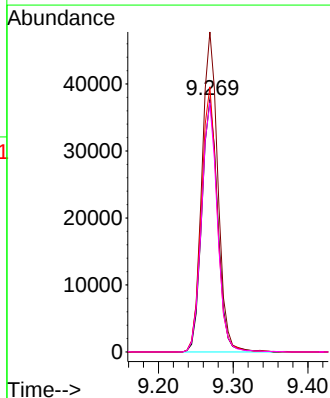
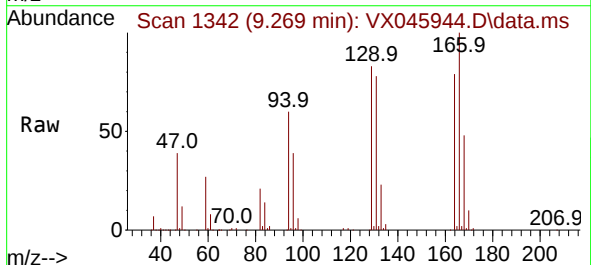
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#64
Tetrachloroethene
Concen: 55.530 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

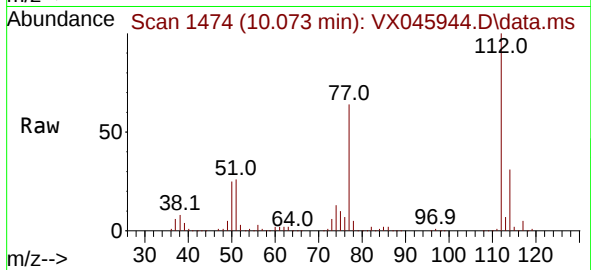
Tgt Ion:164 Resp: 55670
Ion Ratio Lower Upper
164 100
166 126.9 103.8 155.8
129 105.2 84.3 126.5
131 98.6 80.9 121.3





#65
Chlorobenzene
Concen: 56.801 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

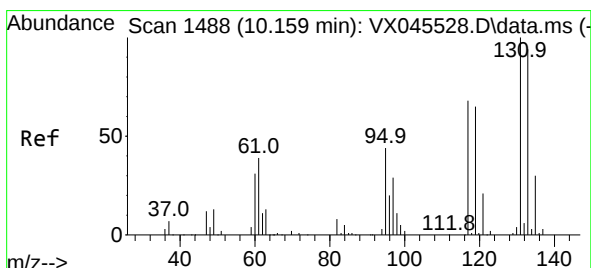
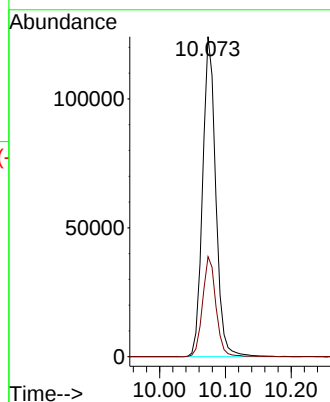
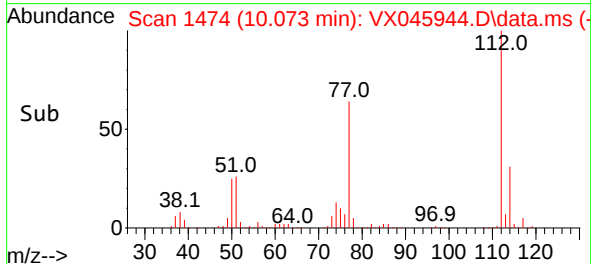
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



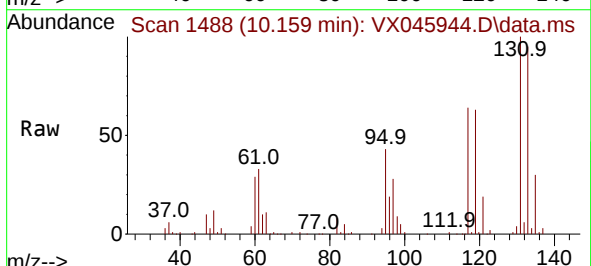
Tgt Ion:112 Resp: 172340
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

Manual Integrations
APPROVED

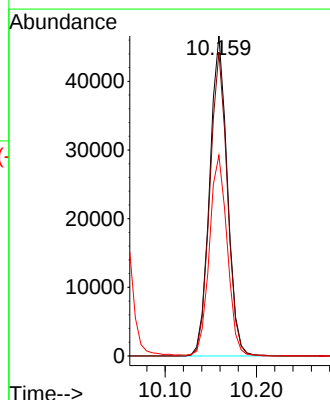
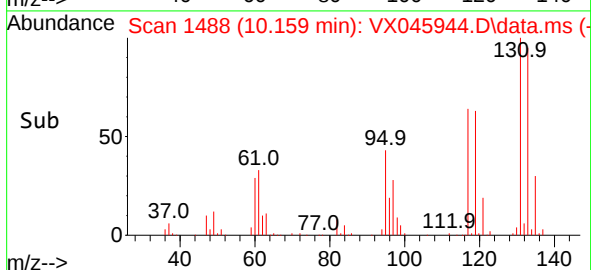
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

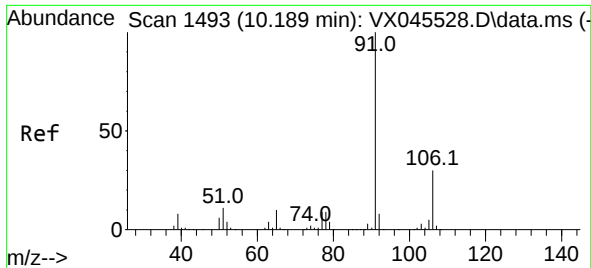


#66
1,1,1,2-Tetrachloroethane
Concen: 59.087 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



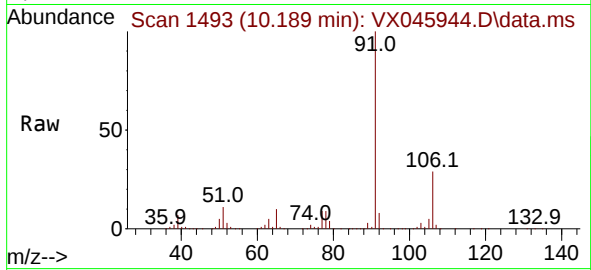
Tgt Ion:131 Resp: 62243
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 63.4 32.9 98.6





#67
Ethyl Benzene
Concen: 58.242 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

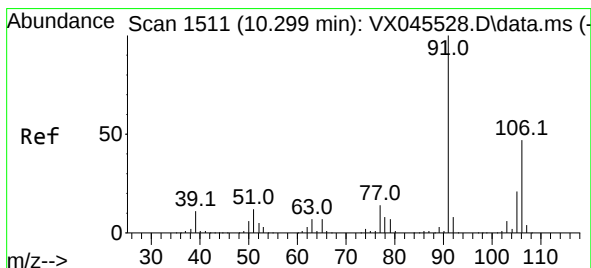
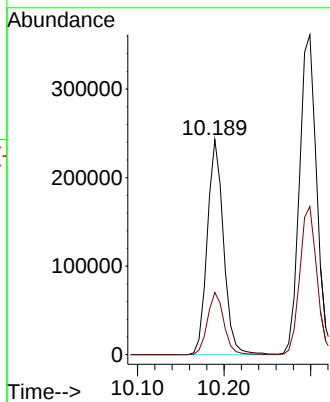
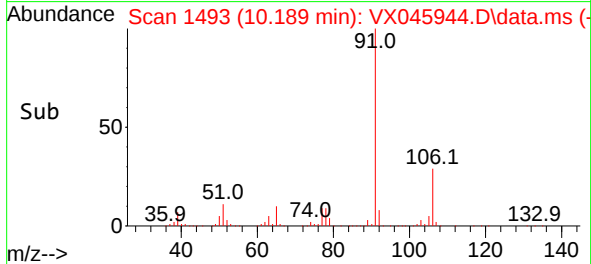
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



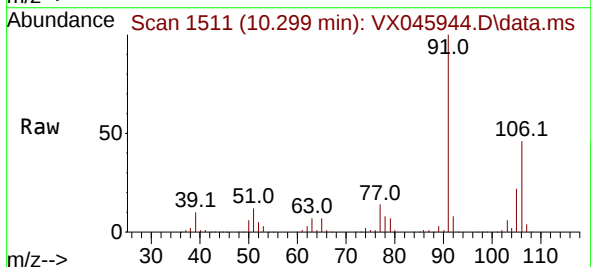
Tgt Ion: 91 Resp: 316502
Ion Ratio Lower Upper
91 100
106 29.0 23.7 35.5

Manual Integrations
APPROVED

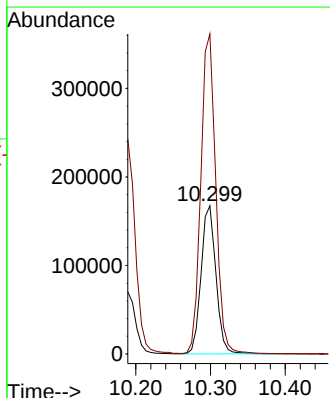
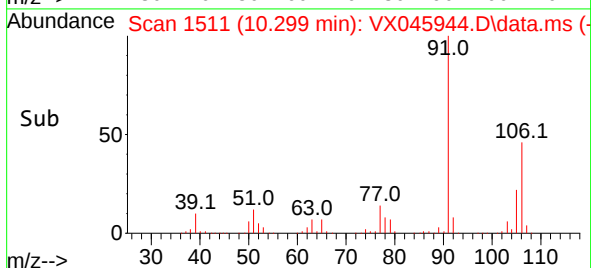
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

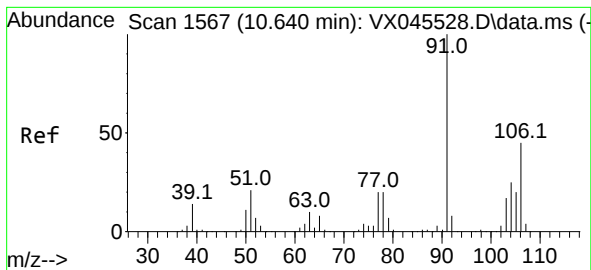


#68
m/p-Xylenes
Concen: 116.614 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



Tgt Ion:106 Resp: 230485
Ion Ratio Lower Upper
106 100
91 217.3 172.6 258.8





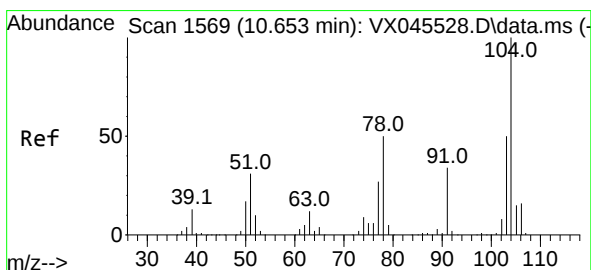
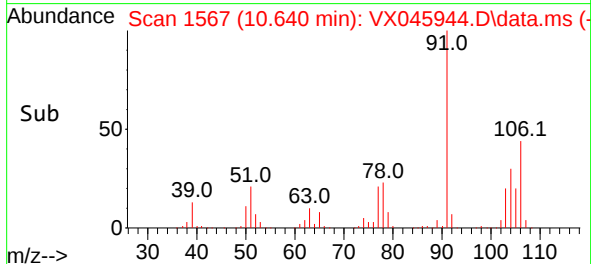
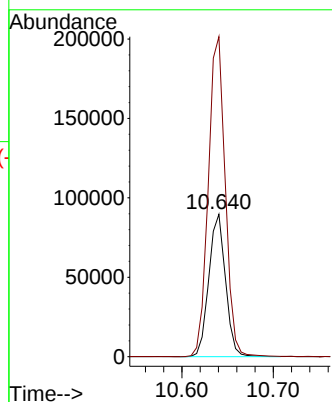
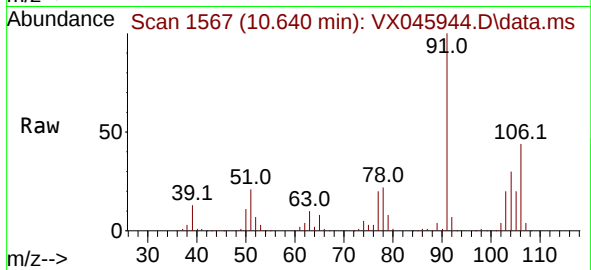
#69
o-Xylene
Concen: 58.324 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113558
Ion Ratio Lower Upper
106 100
91 228.4 113.6 340.6

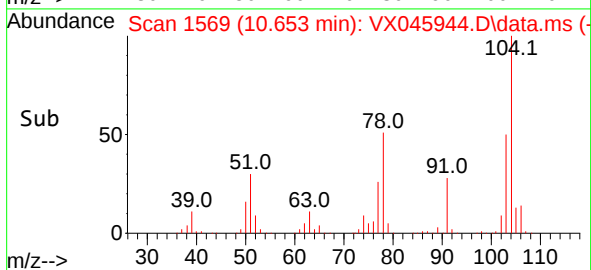
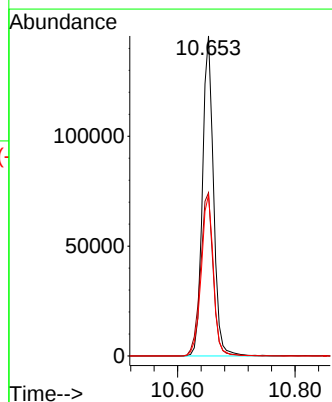
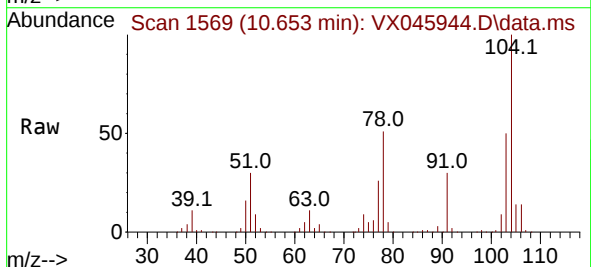
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#70
Styrene
Concen: 59.269 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion:104 Resp: 190462
Ion Ratio Lower Upper
104 100
78 58.3 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 62.956 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 49518

Ion Ratio Lower Upper

173 100

175 48.4 23.4 70.2

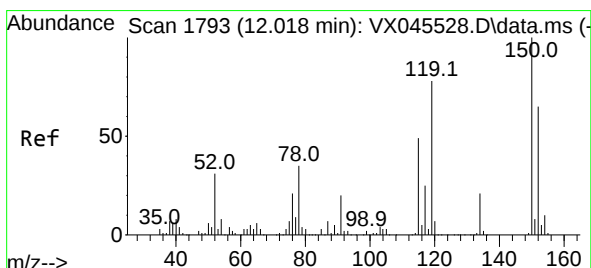
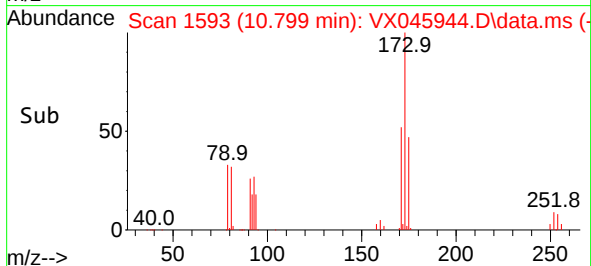
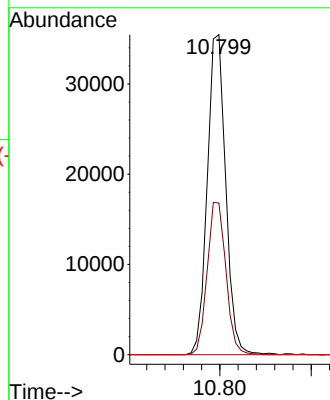
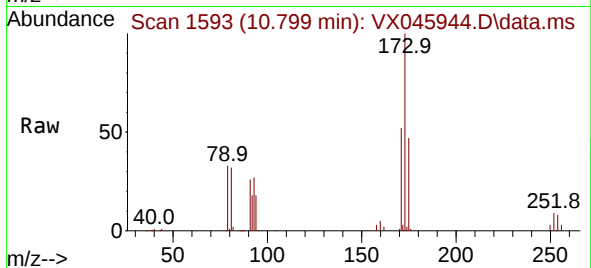
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

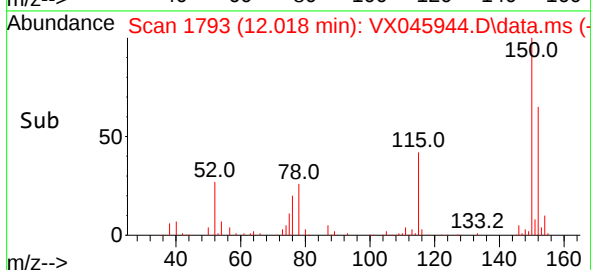
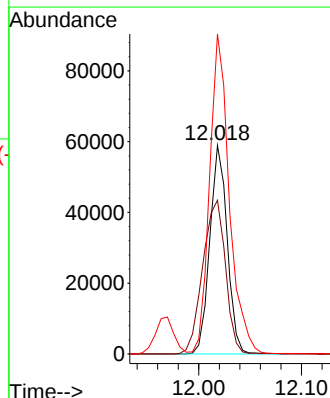
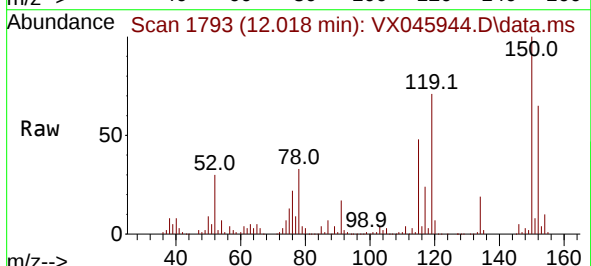
Tgt Ion:152 Resp: 69497

Ion Ratio Lower Upper

152 100

115 96.7 46.9 140.7

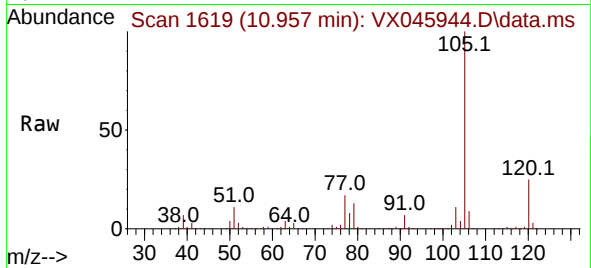
150 173.9 0.0 349.4





#73
Isopropylbenzene
Concen: 55.259 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

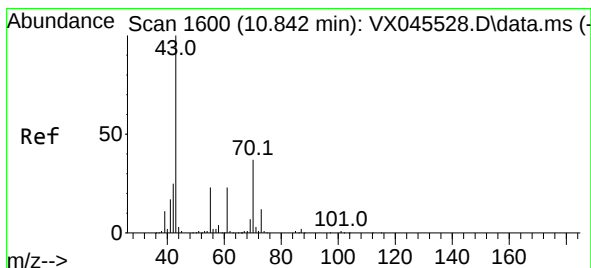
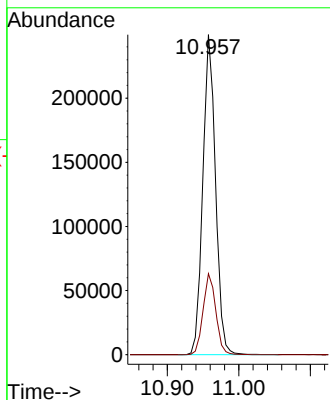
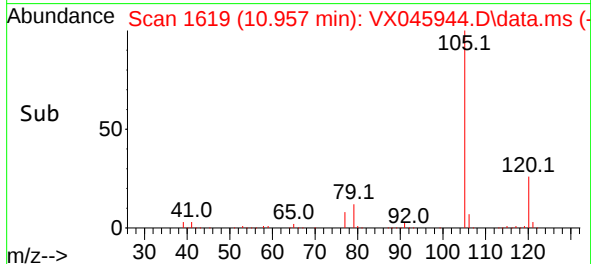
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



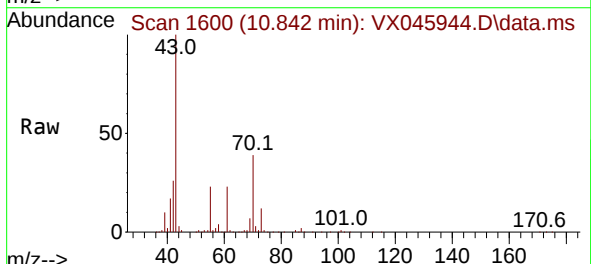
Tgt Ion:105 Resp: 307610
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

Manual Integrations
APPROVED

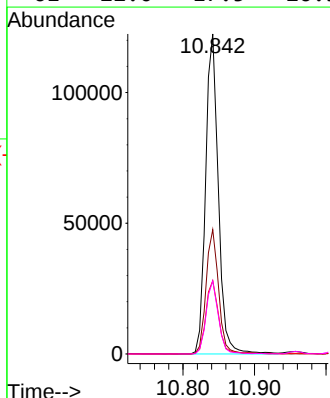
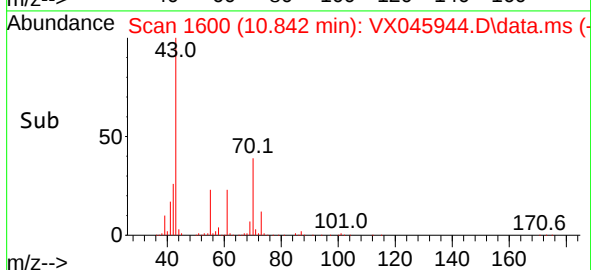
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

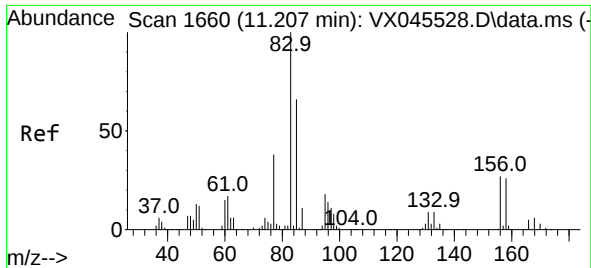


#74
N-ethyl acetate
Concen: 56.809 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



Tgt Ion: 43 Resp: 151275
Ion Ratio Lower Upper
43 100
70 38.5 30.1 45.1
55 23.2 18.3 27.5
61 22.0 17.5 26.3





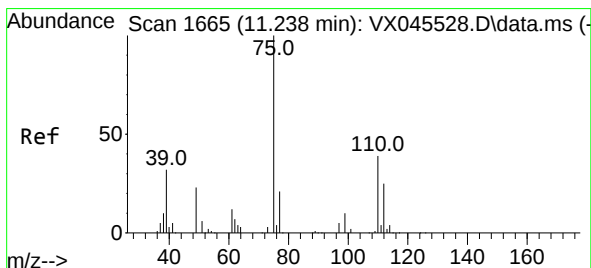
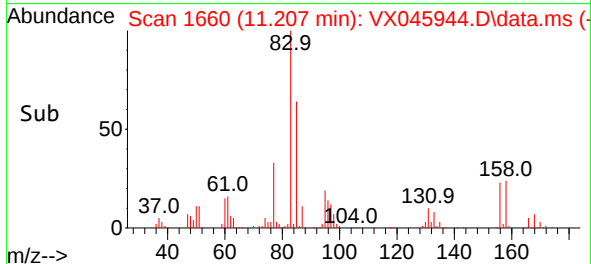
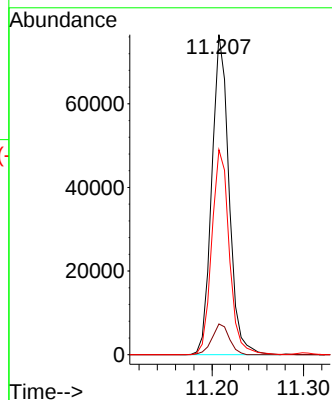
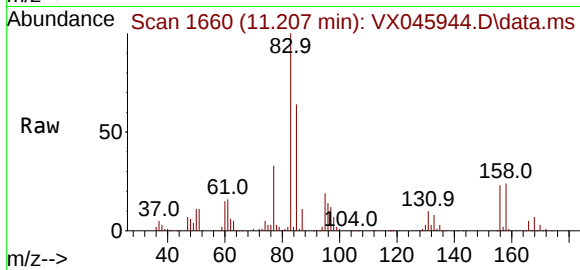
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.143 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 10001
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 65.3 32.4 97.2

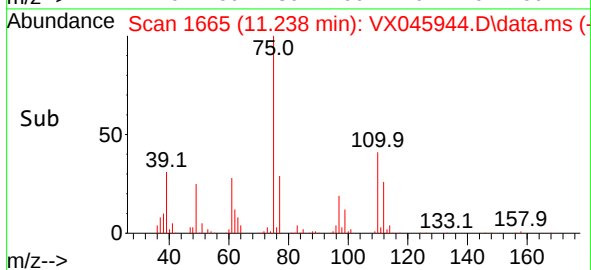
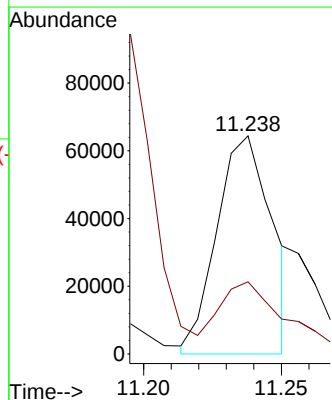
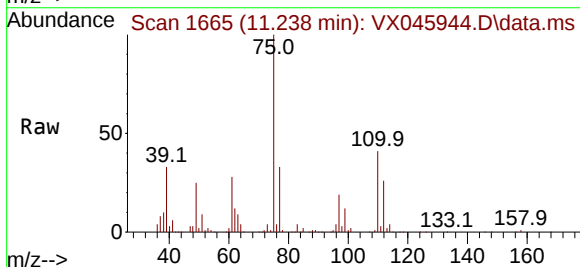
Manual Integrations
 APPROVED

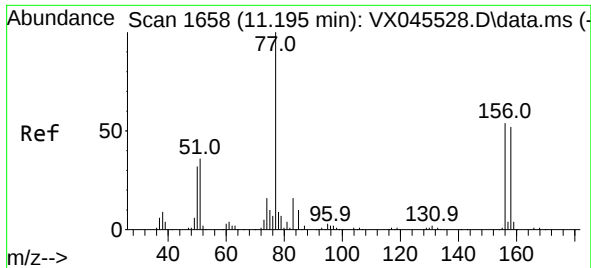
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 52.751 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

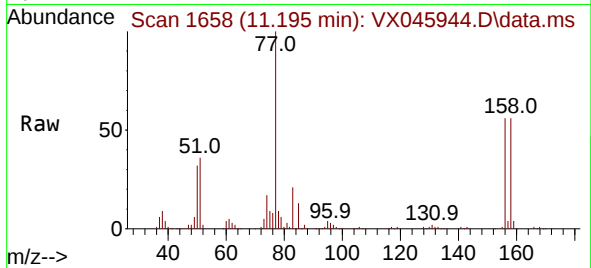
Tgt Ion: 75 Resp: 89424
 Ion Ratio Lower Upper
 75 100
 77 40.4 20.0 59.9





#77
Bromobenzene
Concen: 53.346 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

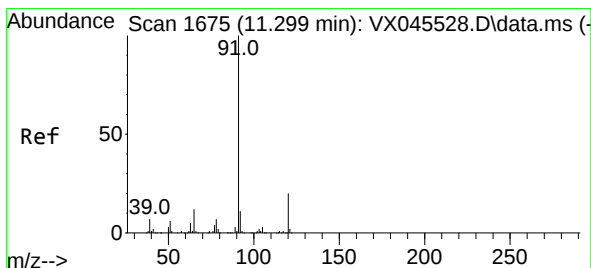
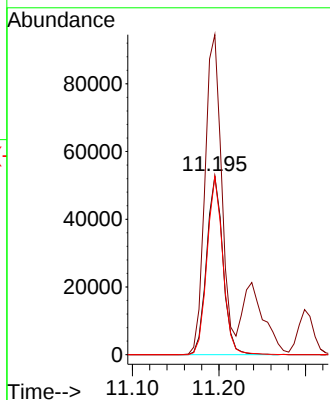
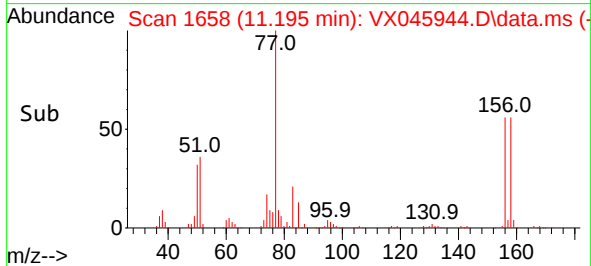
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 6861
Ion Ratio Lower Upper
156 100
77 184.6 92.6 277.8
158 97.4 48.1 144.4

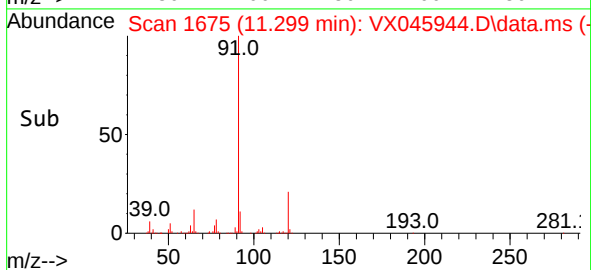
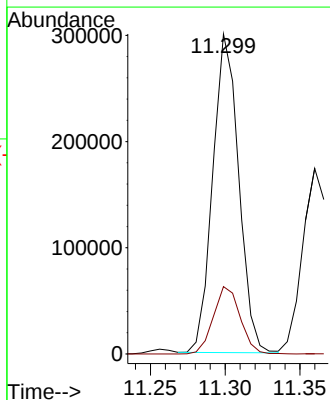
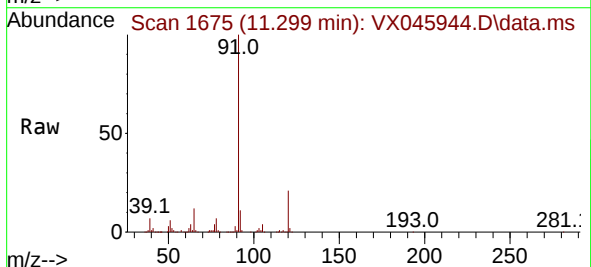
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#78
n-propylbenzene
Concen: 56.466 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 91 Resp: 362060
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





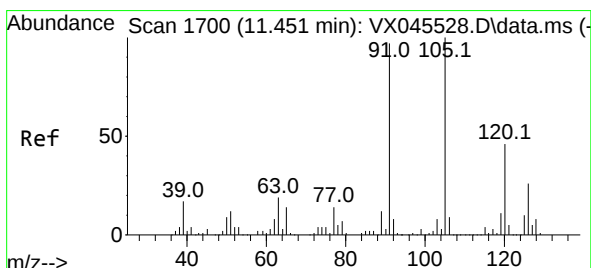
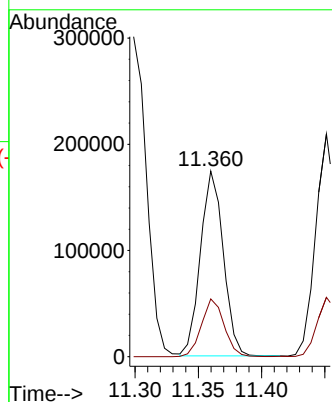
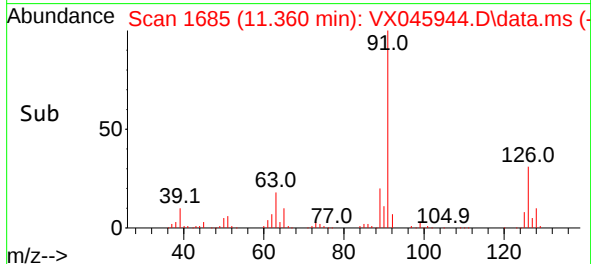
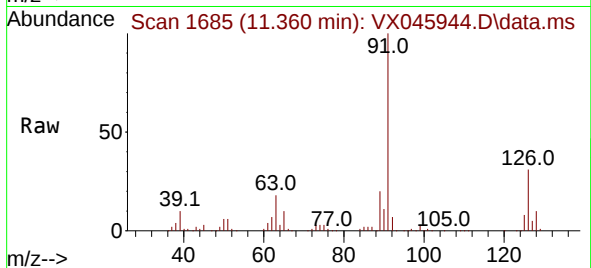
#79
2-Chlorotoluene
Concen: 53.486 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 21924
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

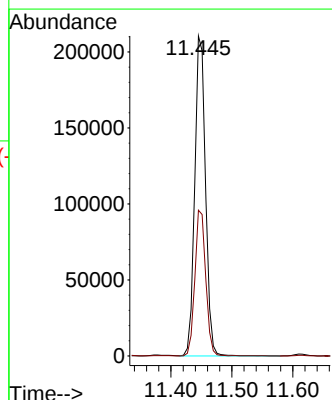
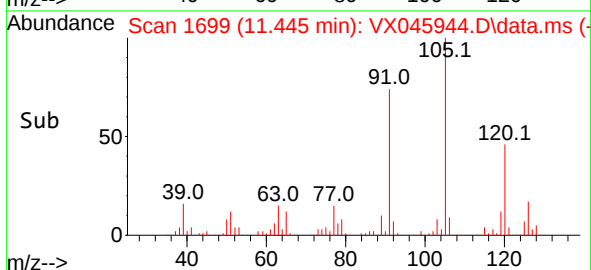
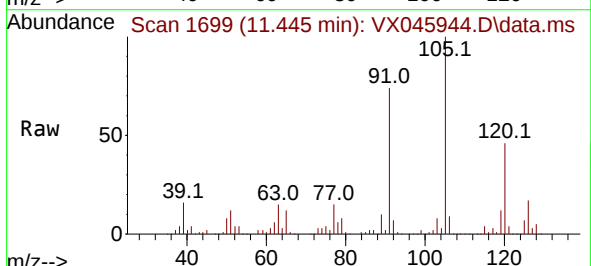
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.204 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion:105 Resp: 258722
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





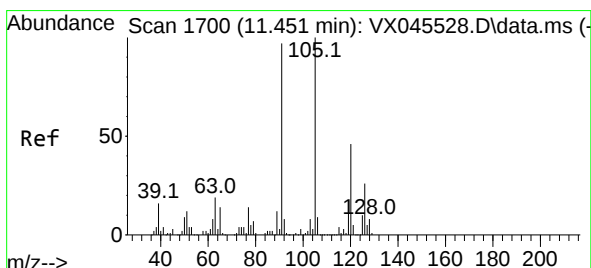
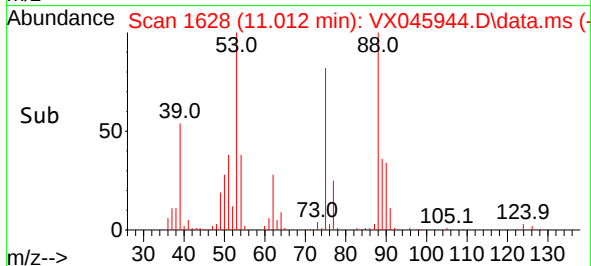
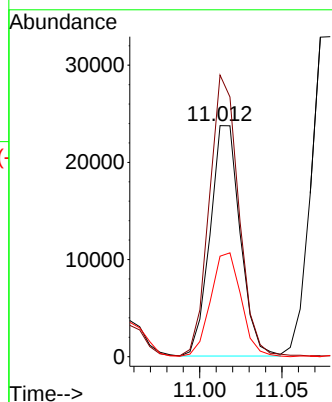
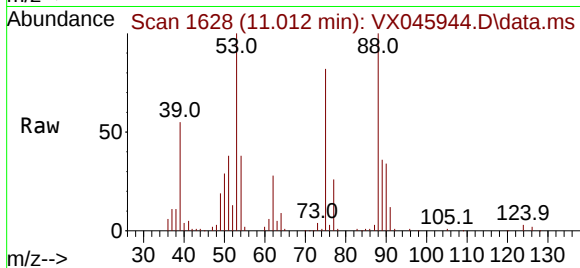
#81
trans-1,4-Dichloro-2-butene
Concen: 60.492 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3021
Ion Ratio Lower Upper
75 100
53 118.5 101.8 152.6
89 45.8 37.2 55.8

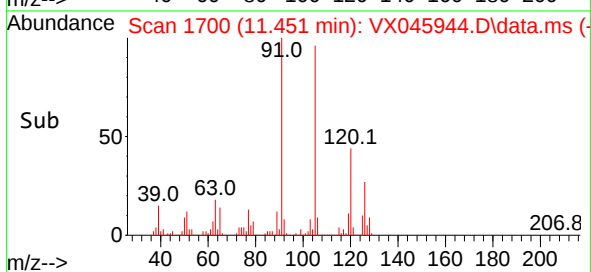
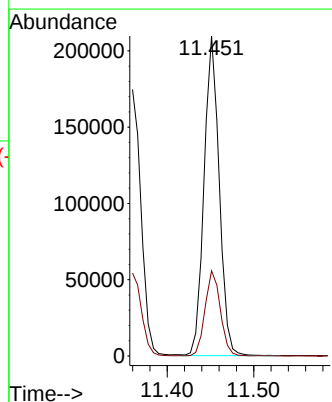
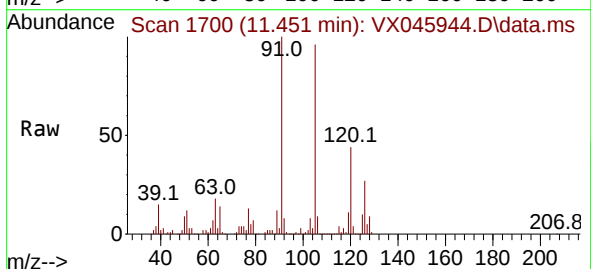
Manual Integrations
APPROVED

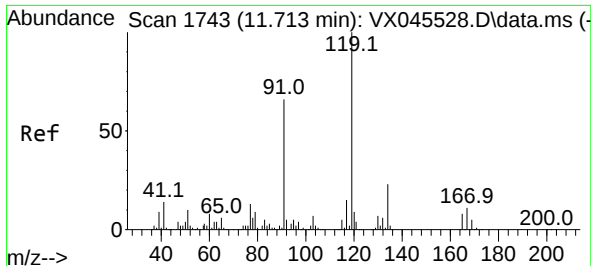
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#82
4-Chlorotoluene
Concen: 55.764 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

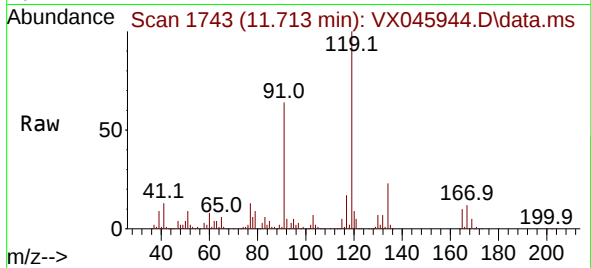
Tgt Ion: 91 Resp: 254861
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.9





#83
tert-Butylbenzene
Concen: 56.515 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

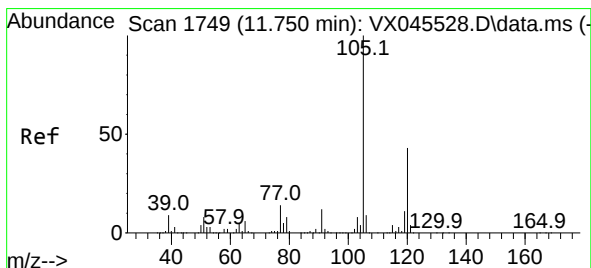
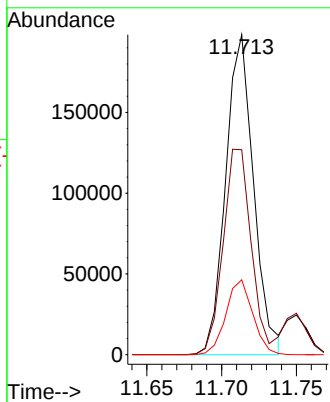
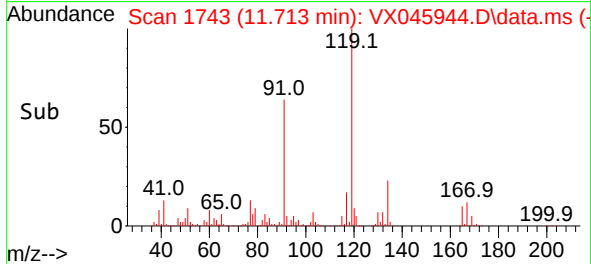
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 257563
Ion Ratio Lower Upper
119 100
91 64.2 32.4 97.2
134 22.5 11.5 34.5

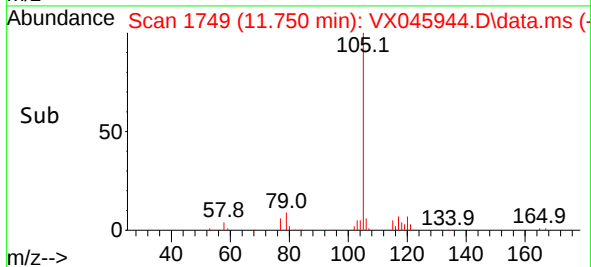
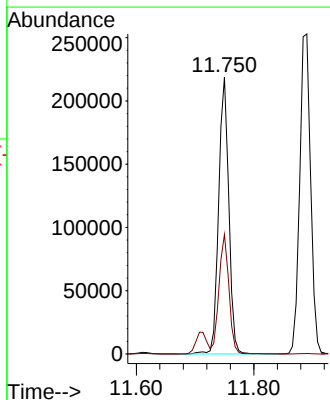
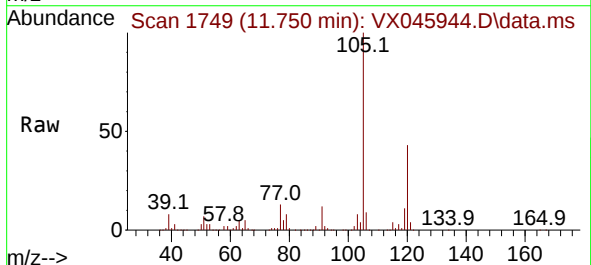
Manual Integrations
APPROVED

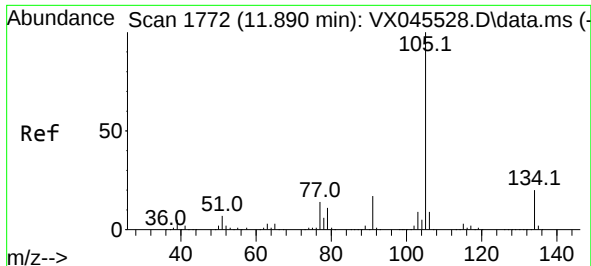
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 56.505 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

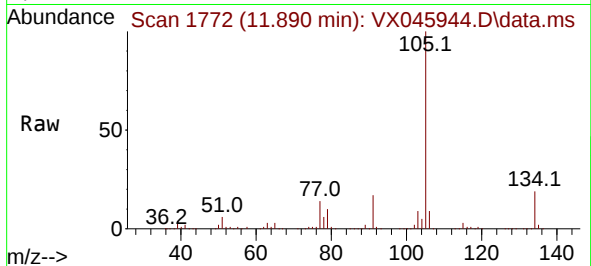
Tgt Ion:105 Resp: 261063
Ion Ratio Lower Upper
105 100
120 42.6 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 57.981 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16

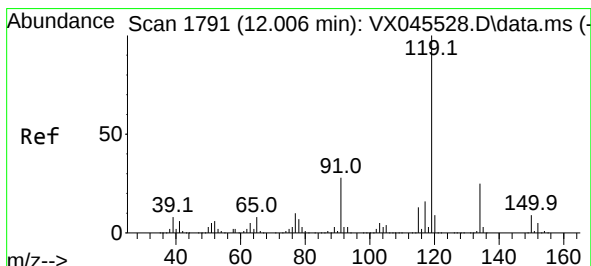
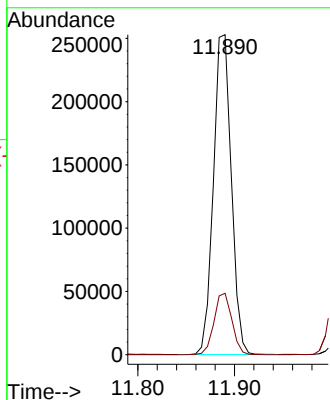
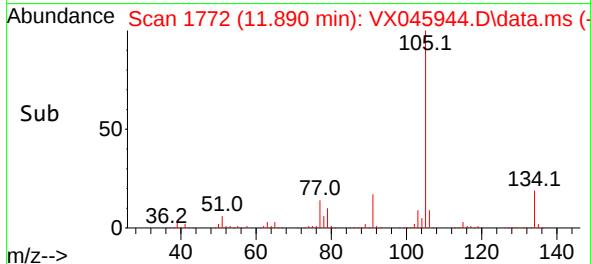
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



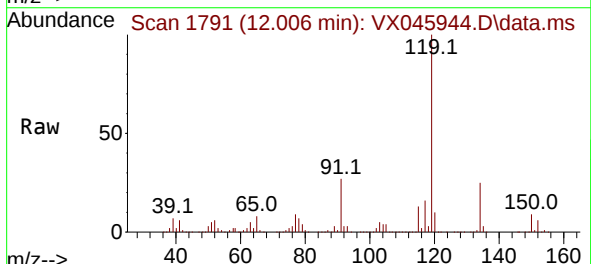
Tgt Ion:105 Resp: 32455
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

Manual Integrations
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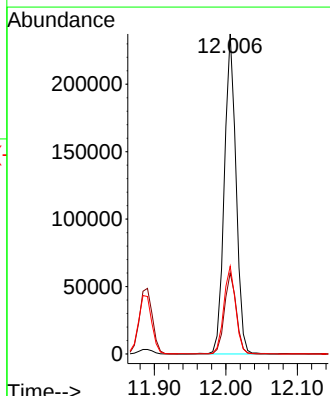
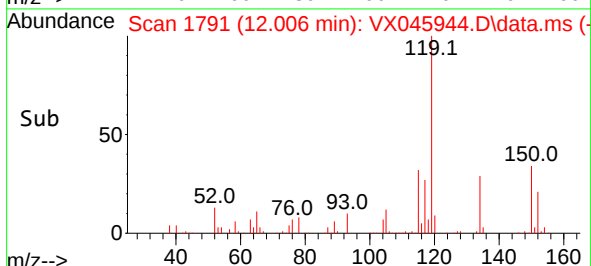
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025

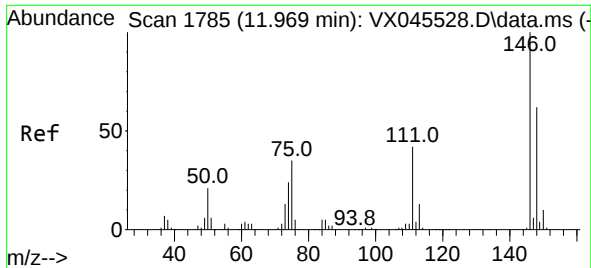


#86
 p-Isopropyltoluene
 Concen: 58.481 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045944.D
 Acq: 28 Apr 2025 10:16



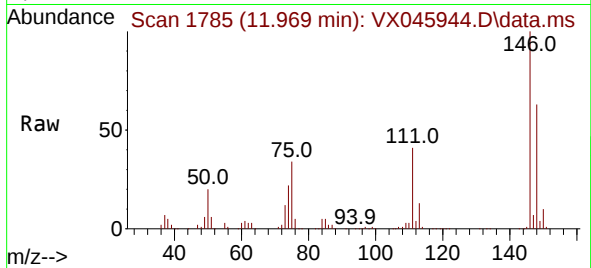
Tgt Ion:119 Resp: 269879
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 27.7 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 55.457 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

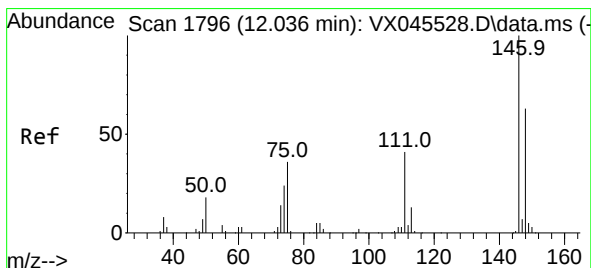
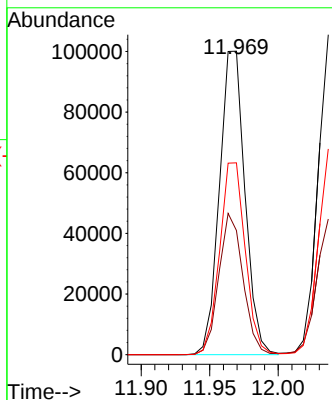
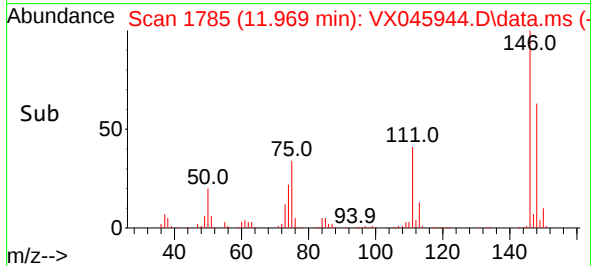
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



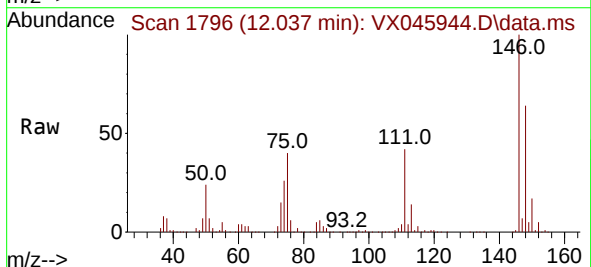
Tgt Ion:146 Resp: 129842
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 63.4 31.9 95.7

Manual Integrations
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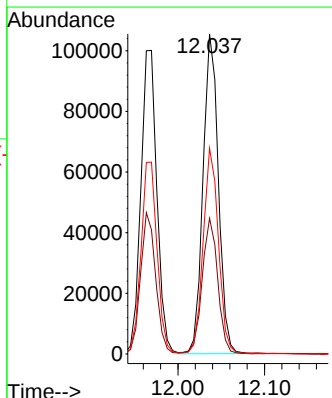
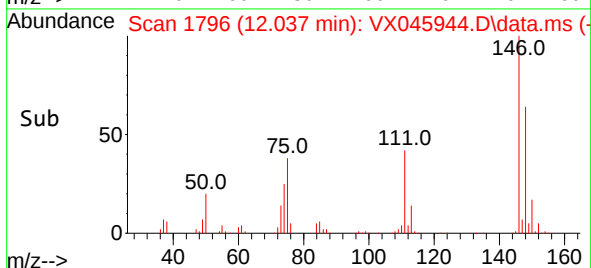
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

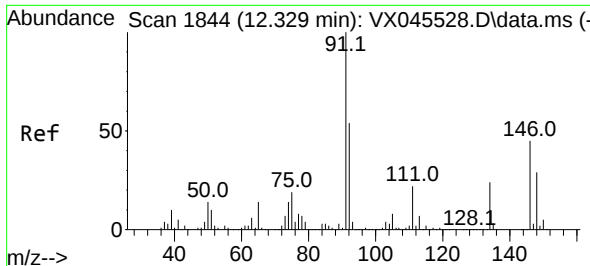


#88
1,4-Dichlorobenzene
Concen: 54.618 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



Tgt Ion:146 Resp: 129642
Ion Ratio Lower Upper
146 100
111 43.2 20.9 62.8
148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 62.091 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

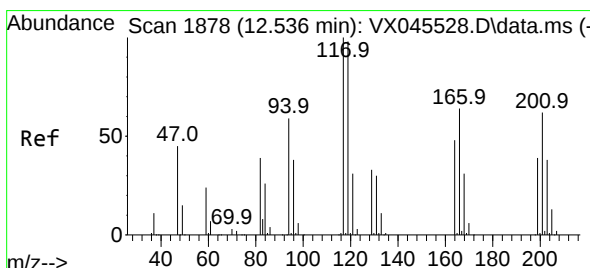
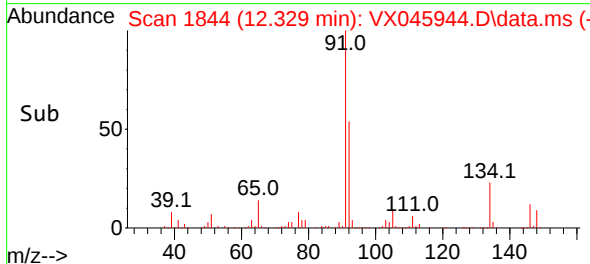
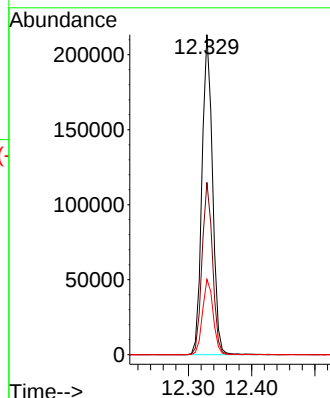
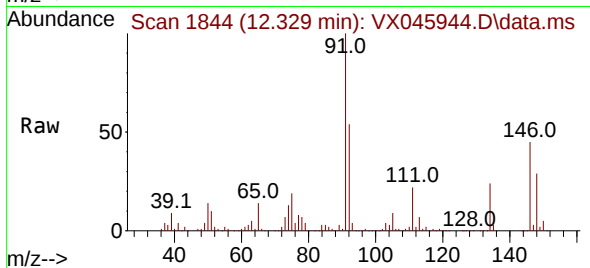
Tgt Ion: 91 Resp: 248475
 Ion Ratio Lower Upper
 91 100
 92 53.7 26.9 80.6
 134 23.8 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#90

Hexachloroethane

Concen: 62.783 ug/l

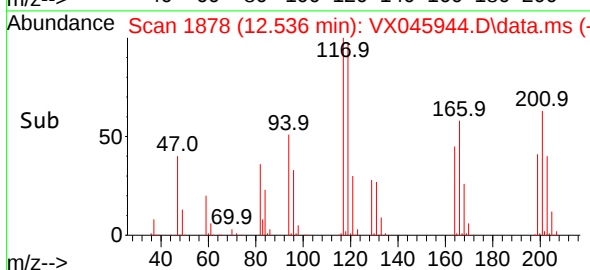
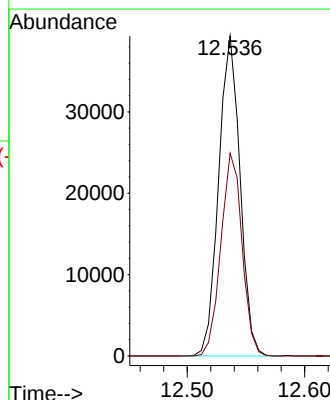
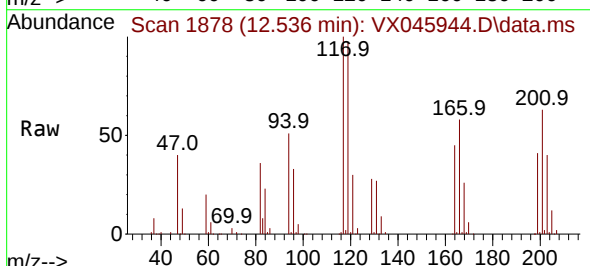
RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045944.D

Acq: 28 Apr 2025 10:16

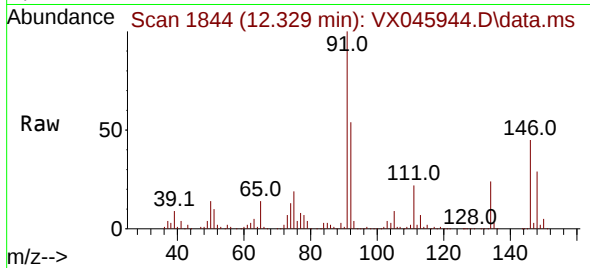
Tgt Ion:117 Resp: 49793
 Ion Ratio Lower Upper
 117 100
 201 62.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 55.146 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

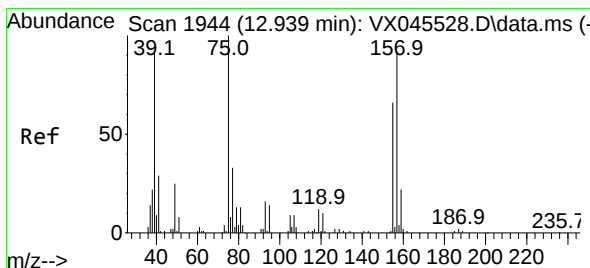
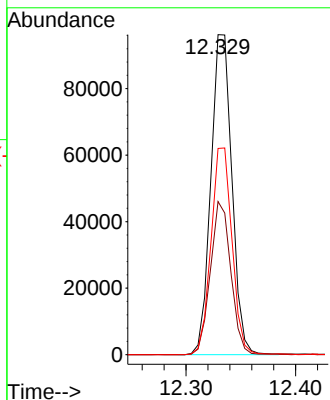
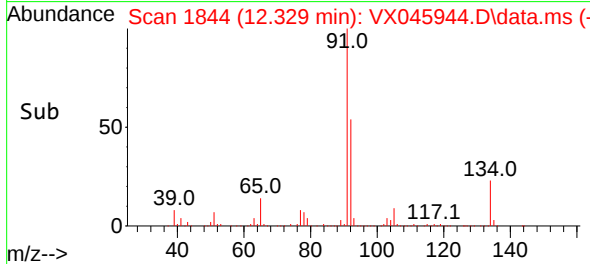
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 128360
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 64.7 31.9 95.5

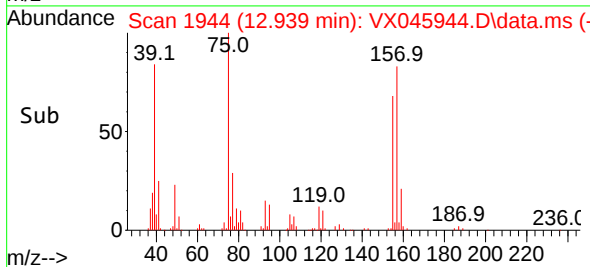
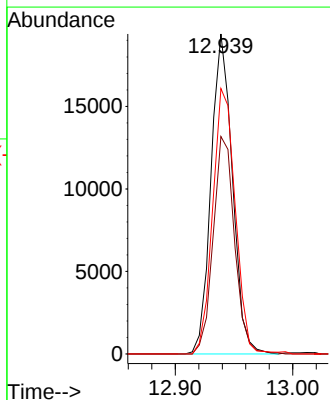
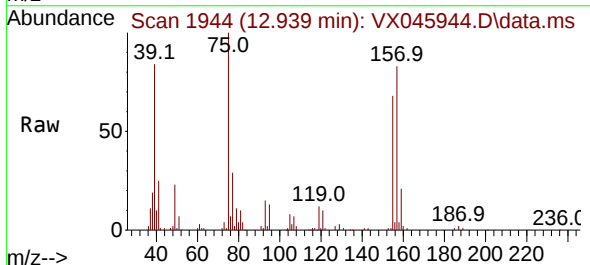
Manual Integrations
APPROVED

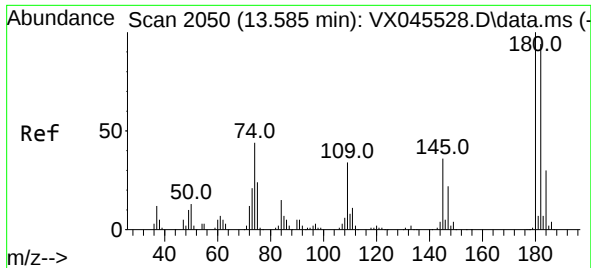
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.850 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Tgt Ion: 75 Resp: 24477
Ion Ratio Lower Upper
75 100
155 68.3 34.9 104.7
157 87.6 44.9 134.7





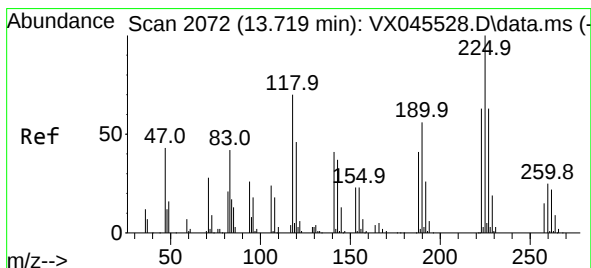
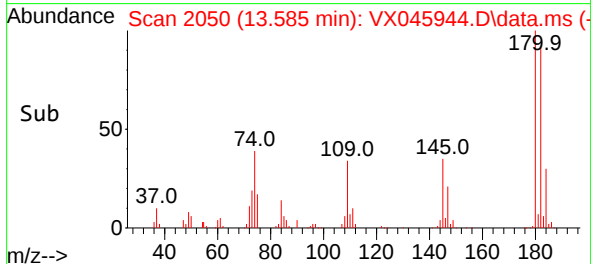
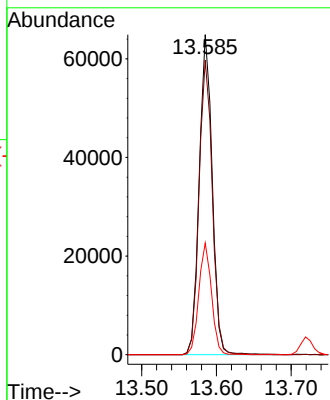
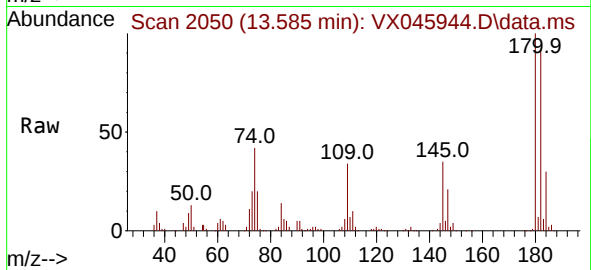
#93
1,2,4-Trichlorobenzene
Concen: 60.385 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 7824
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.6
145 34.1 17.9 53.8

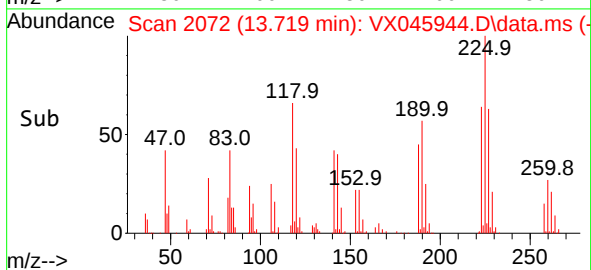
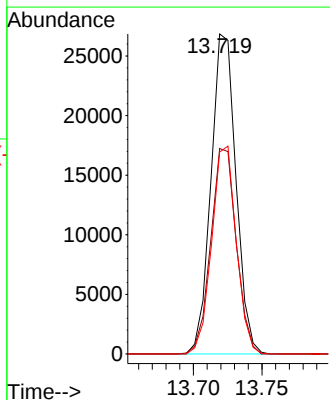
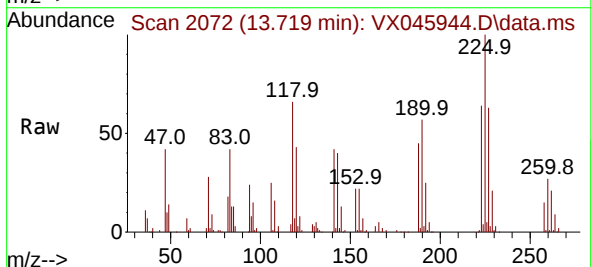
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#94
Hexachlorobutadiene
Concen: 60.929 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

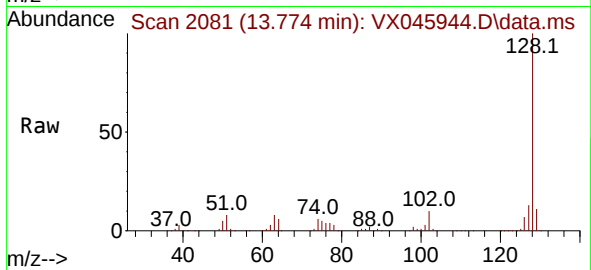
Tgt Ion:225 Resp: 34019
Ion Ratio Lower Upper
225 100
223 65.7 31.1 93.3
227 63.8 32.2 96.6





#95
Naphthalene
Concen: 56.562 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16

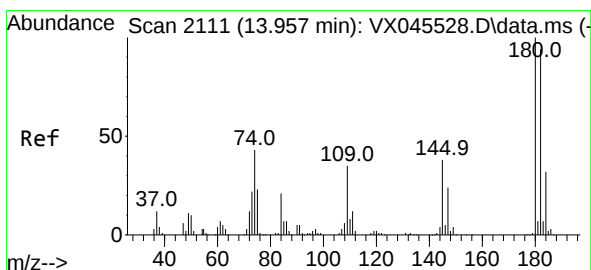
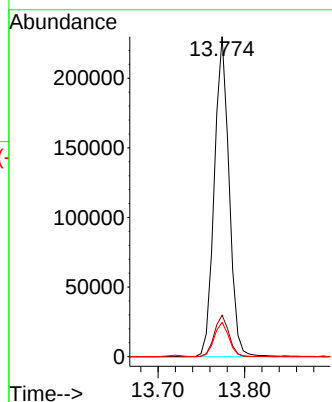
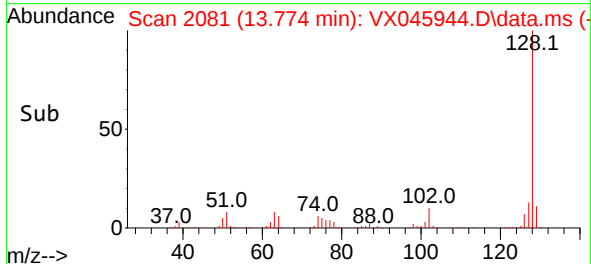
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



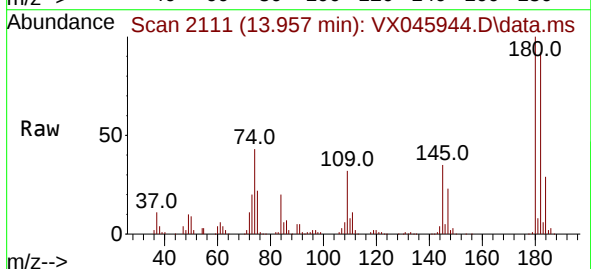
Tgt Ion:128 Resp: 272732
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 58.079 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045944.D
Acq: 28 Apr 2025 10:16



Tgt Ion:180 Resp: 78800
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 36.0 18.2 54.6

