

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048707.D
 Acq On : 03 Dec 2025 15:48
 Operator : JC/MD
 Sample : Q2893-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Dec 04 02:30:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	177184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	293874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	137415	57.442	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.880%			
35) Dibromofluoromethane	5.373	113	108886	54.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.720%			
50) Toluene-d8	8.635	98	390855	56.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.800%#			
62) 4-Bromofluorobenzene	11.061	95	133929	53.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	5073	2.484	ug/l	100
3) Chloromethane	1.301	50	5210	2.617	ug/l	95
4) Vinyl Chloride	1.380	62	5769	2.645	ug/l	97
5) Bromomethane	1.618	94	4314	2.977	ug/l	100
6) Chloroethane	1.697	64	3739	2.895	ug/l	100
7) Trichlorofluoromethane	1.898	101	8809	2.780	ug/l	95
8) Diethyl Ether	2.136	74	3045	2.698	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.337	101	5020	2.658	ug/l	97
10) Methyl Iodide	2.459	142	5673	2.085	ug/l	93
11) Tert butyl alcohol	2.934	59	5330	14.731	ug/l	99
12) 1,1-Dichloroethene	2.325	96	5299	2.822	ug/l	90
13) Acrolein	2.233	56	3153	16.114	ug/l	99
14) Allyl chloride	2.666	41	10541	2.967	ug/l	98
15) Acrylonitrile	3.062	53	16947	14.735	ug/l	98
16) Acetone	2.374	43	11637	14.884	ug/l	98
17) Carbon Disulfide	2.514	76	16652	2.912	ug/l	95
18) Methyl Acetate	2.703	43	7323	2.828	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	17345	2.711	ug/l	99
20) Methylene Chloride	2.794	84	6479	2.969	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	5601	2.890	ug/l	98
22) Diisopropyl ether	3.757	45	18463	2.902	ug/l	92
23) Vinyl Acetate	3.721	43	74661	13.498	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	11201	3.091	ug/l	99
25) 2-Butanone	4.562	43	19761	14.515	ug/l	92
26) 2,2-Dichloropropane	4.477	77	9391	2.810	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	6426	2.645	ug/l	91
28) Bromochloromethane	4.885	49	4840	2.782	ug/l #	99
29) Tetrahydrofuran	5.007	42	14291	13.783	ug/l	94
30) Chloroform	5.080	83	10579	2.756	ug/l	95
31) Cyclohexane	5.458	56	8749	2.834	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	9637	2.792	ug/l	94
36) 1,1-Dichloropropene	5.690	75	7555	2.791	ug/l	98
37) Ethyl Acetate	4.709	43	8572	2.495	ug/l	99
38) Carbon Tetrachloride	5.672	117	9112	2.930	ug/l #	93
39) Methylcyclohexane	7.367	83	9519	3.022	ug/l	95
40) Benzene	6.025	78	22736	2.858	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	3562	2.290	ug/l #	83
42) 1,2-Dichloroethane	6.080	62	8306	2.908	ug/l	99
43) Isopropyl Acetate	6.324	43	14013	2.904	ug/l	95
44) Trichloroethene	7.117	130	5472	2.613	ug/l	99
45) 1,2-Dichloropropane	7.415	63	5611	2.886	ug/l	97
46) Dibromomethane	7.574	93	4291	2.869	ug/l	92
47) Bromodichloromethane	7.812	83	8129	2.651	ug/l	98
48) Methyl methacrylate	7.684	41	6271	2.720	ug/l	92
49) 1,4-Dioxane	7.653	88	1735	61.404	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	43217	14.210	ug/l	94
52) Toluene	8.702	92	14213	2.911	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	8760	2.870	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	8905	2.750	ug/l #	81
55) 1,1,2-Trichloroethane	9.135	97	5137	2.654	ug/l	96
56) Ethyl methacrylate	9.104	69	8168	2.634	ug/l #	85
57) 1,3-Dichloropropane	9.293	76	9764	2.998	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.232	63	22712	14.277	ug/l	99
59) 2-Hexanone	9.415	43	30987	14.200	ug/l	94
60) Dibromochloromethane	9.506	129	6528	2.704	ug/l	100
61) 1,2-Dibromoethane	9.598	107	5591	2.613	ug/l	93
64) Tetrachloroethene	9.263	164	5134	2.903	ug/l	89
65) Chlorobenzene	10.061	112	15318	2.808	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	5154	2.716	ug/l	95
67) Ethyl Benzene	10.177	91	25628	2.860	ug/l	99
68) m/p-Xylenes	10.287	106	19910	5.768	ug/l	98
69) o-Xylene	10.628	106	8749	2.631	ug/l	97
70) Styrene	10.640	104	15090	2.700	ug/l	98
71) Bromoform	10.781	173	4571	2.644	ug/l #	95
73) Isopropylbenzene	10.945	105	23374	2.683	ug/l	99
74) N-amyl acetate	10.829	43	10282	2.615	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	7977	2.675	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	6680m	2.551	ug/l	
77) Bromobenzene	11.183	156	6219	2.649	ug/l	90
78) n-propylbenzene	11.287	91	28315	2.776	ug/l	95
79) 2-Chlorotoluene	11.348	91	17503	2.823	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	18381	2.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	2304	2.263	ug/l #	83
82) 4-Chlorotoluene	11.439	91	19460	2.699	ug/l	96
83) tert-Butylbenzene	11.695	119	19515	2.641	ug/l	97
84) 1,2,4-Trimethylbenzene	11.738	105	20843	2.937	ug/l	98
85) sec-Butylbenzene	11.872	105	25452	2.845	ug/l	99
86) p-Isopropyltoluene	11.994	119	21123	2.858	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	11812	2.765	ug/l	96
88) 1,4-Dichlorobenzene	12.024	146	12254	2.810	ug/l	86
89) n-Butylbenzene	12.317	91	19903	2.859	ug/l	96
90) Hexachloroethane	12.524	117	4157	2.794	ug/l	91
91) 1,2-Dichlorobenzene	12.317	146	11131	2.798	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1920	2.833	ug/l	85
93) 1,2,4-Trichlorobenzene	13.573	180	6687	2.640	ug/l	97
94) Hexachlorobutadiene	13.707	225	3361	3.187	ug/l	95
95) Naphthalene	13.756	128	18964	2.453	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	6039	2.583	ug/l	96

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

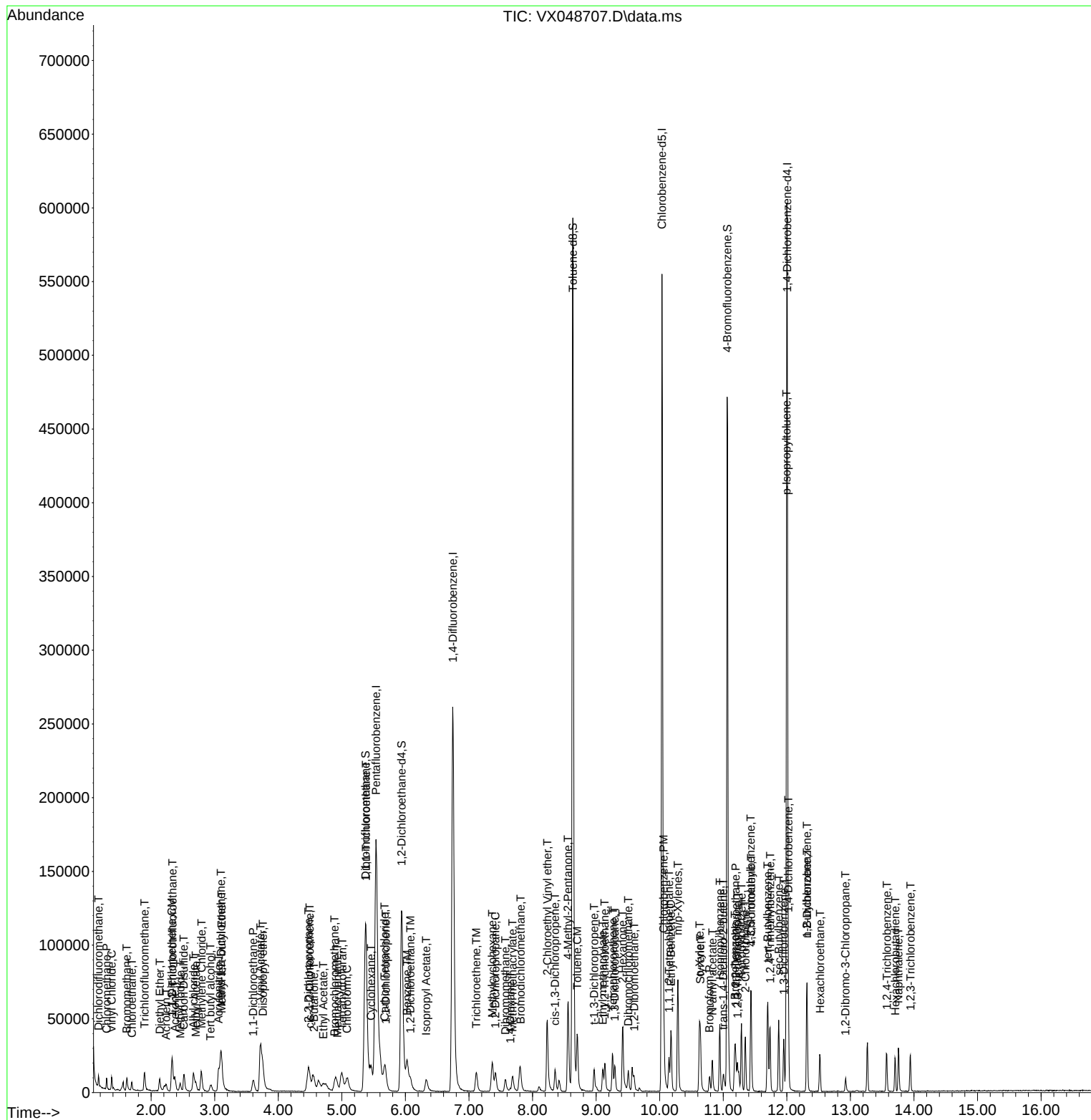
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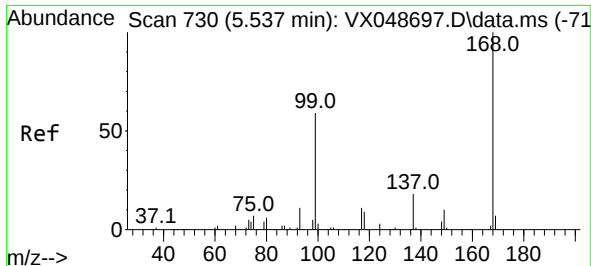
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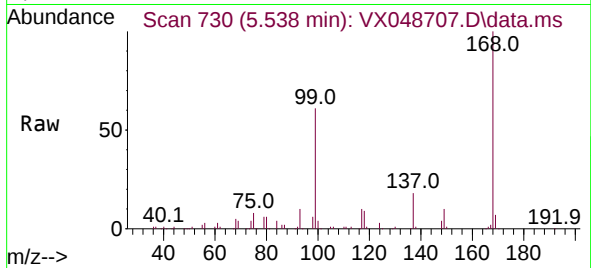
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.001 min
Lab File: VX048707.D
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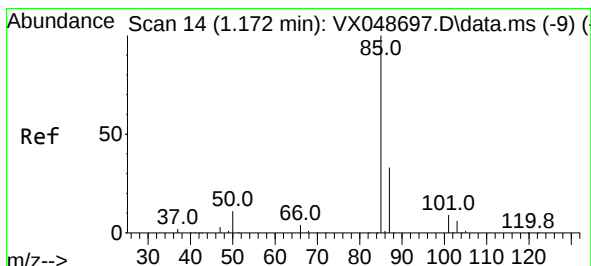
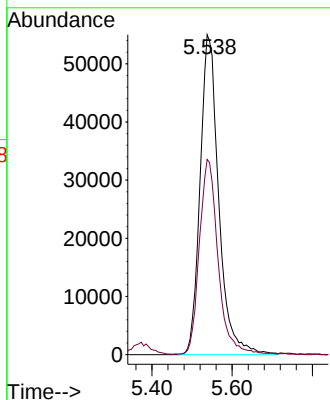
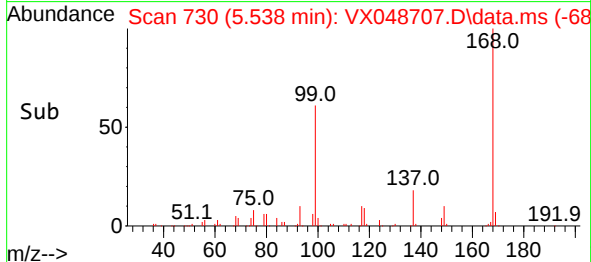
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:168 Resp: 177184
Ion Ratio Lower Upper
168 100
99 60.8 48.3 72.5

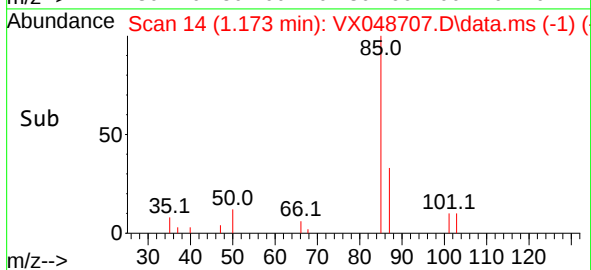
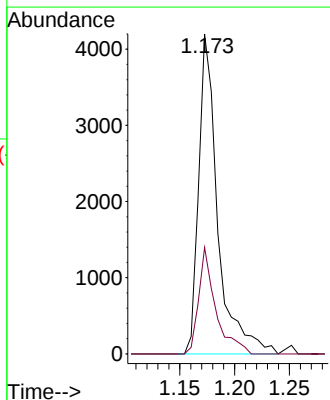
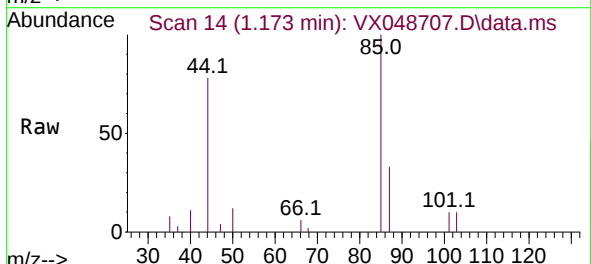
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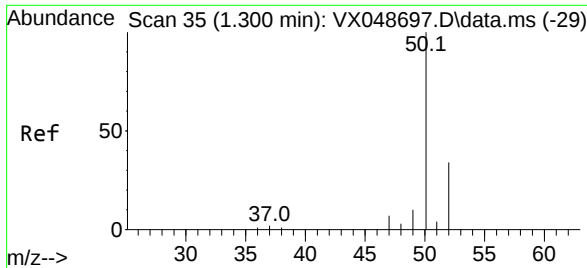
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 2.484 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 85 Resp: 5073
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.7





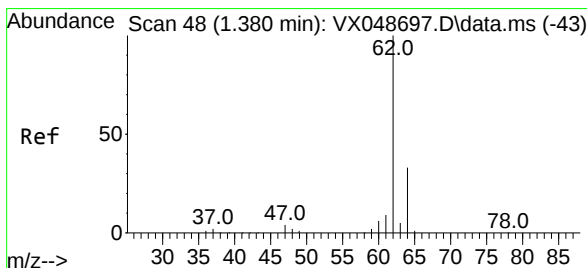
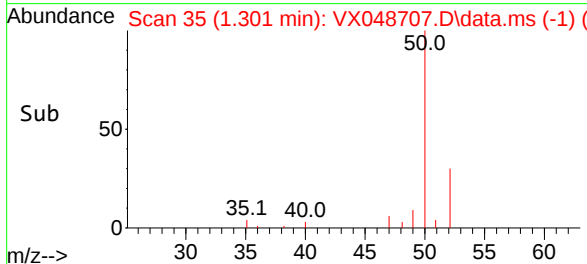
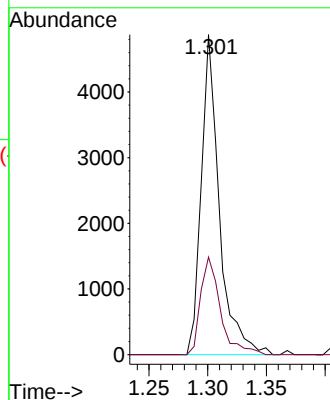
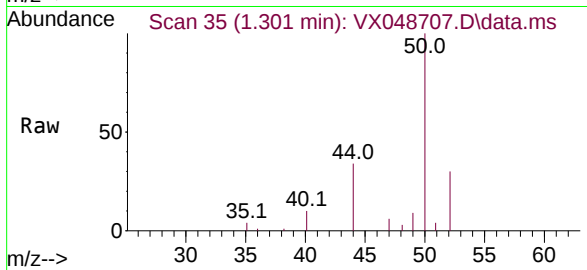
#3
Chloromethane
Concen: 2.617 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048707.D
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Tgt Ion: 50 Resp: 5210
Ion Ratio Lower Upper
50 100
52 30.5 26.8 40.2

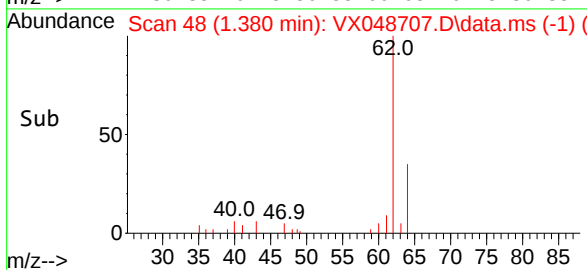
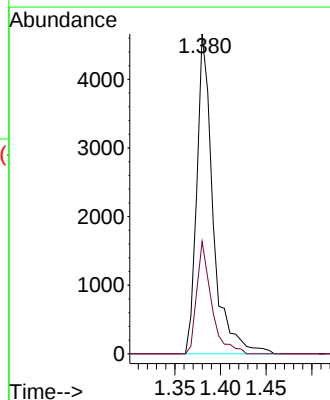
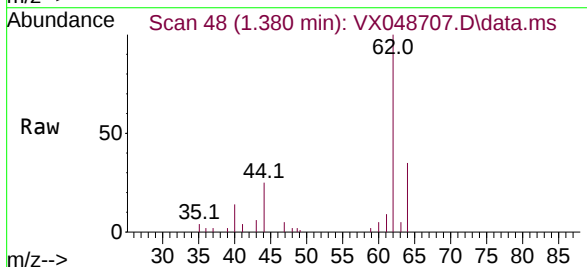
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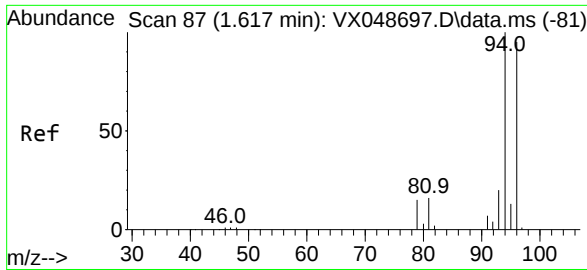
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 2.645 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

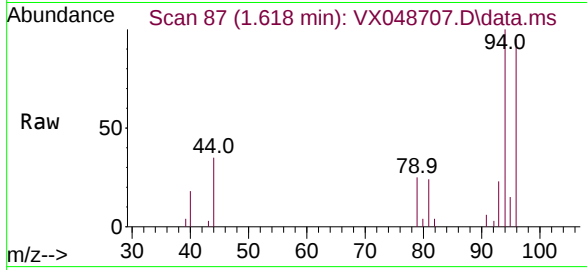
Tgt Ion: 62 Resp: 5769
Ion Ratio Lower Upper
62 100
64 35.1 26.7 40.1





#5
Bromomethane
Concen: 2.977 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

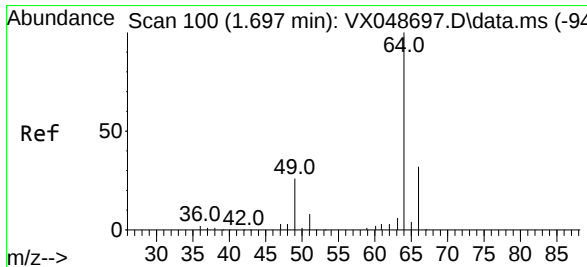
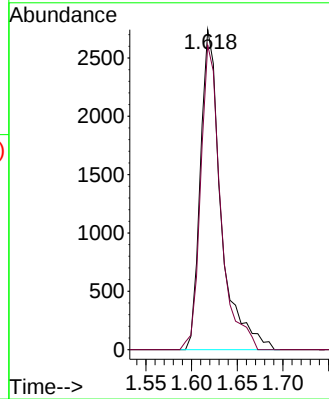
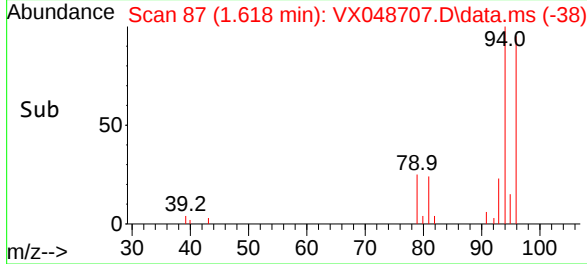
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Tgt Ion: 94 Resp: 4314
Ion Ratio Lower Upper
94 100
96 95.1 76.1 114.1

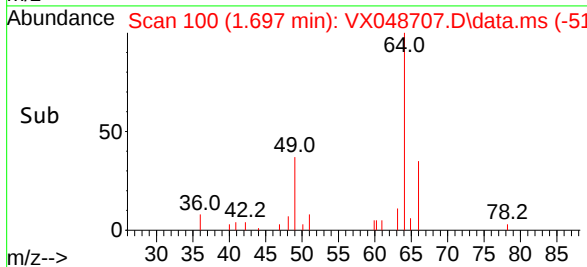
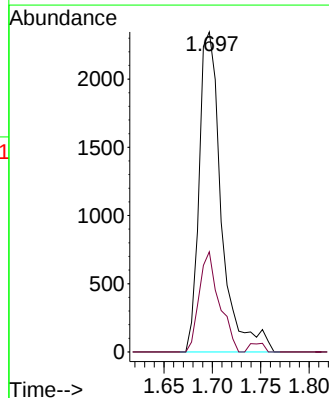
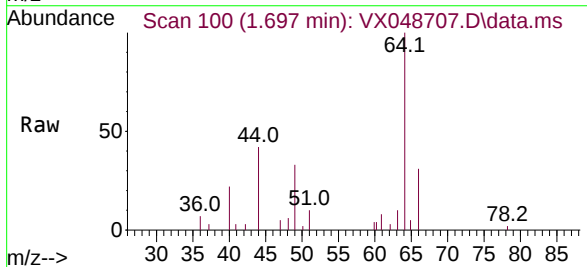
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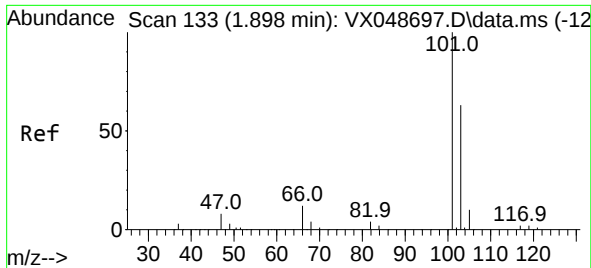
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 2.895 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

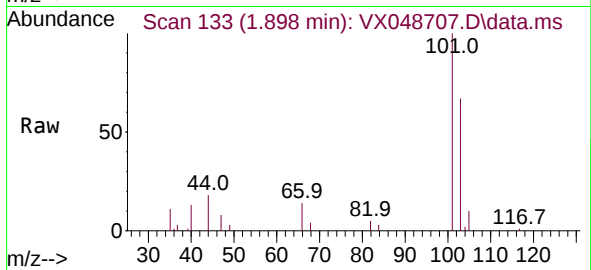
Tgt Ion: 64 Resp: 3739
Ion Ratio Lower Upper
64 100
66 31.3 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 2.780 ug/l
 RT: 1.898 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

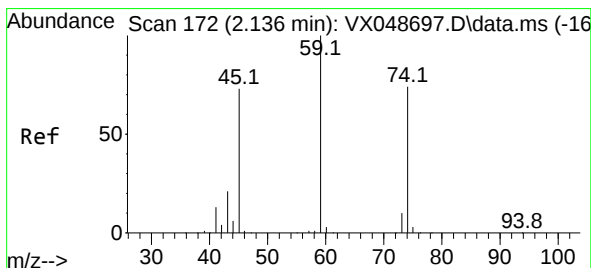
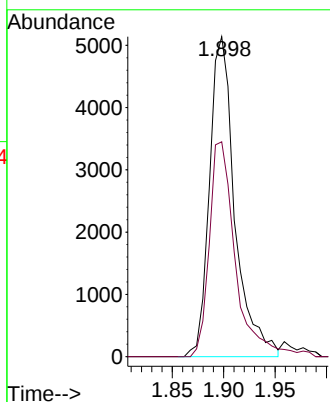
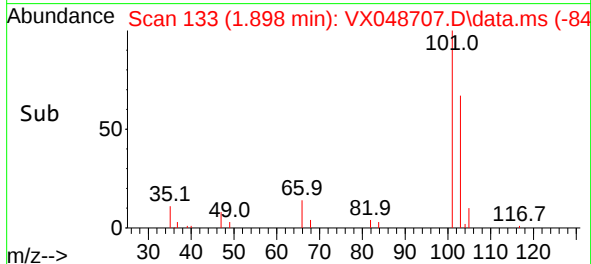
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Tgt Ion:101 Resp: 8809
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.5 75.7

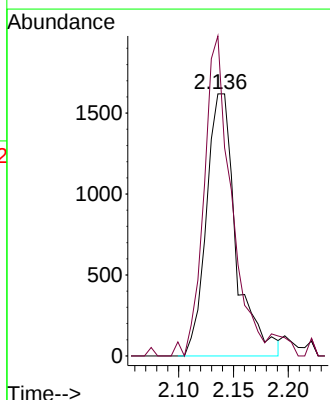
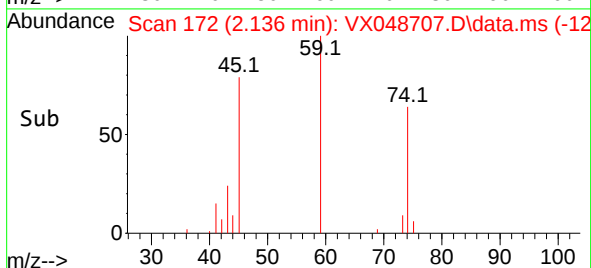
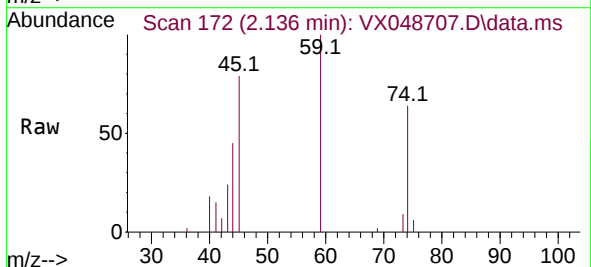
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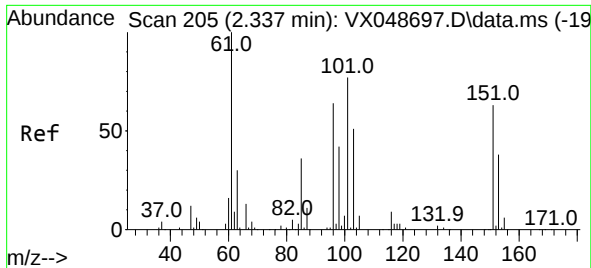
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 2.698 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Tgt Ion: 74 Resp: 3045
 Ion Ratio Lower Upper
 74 100
 45 111.7 48.1 144.4





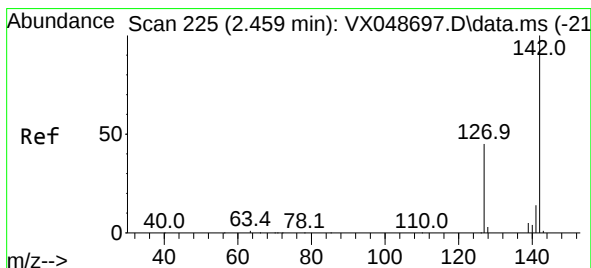
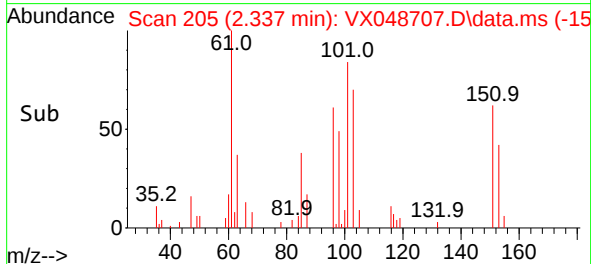
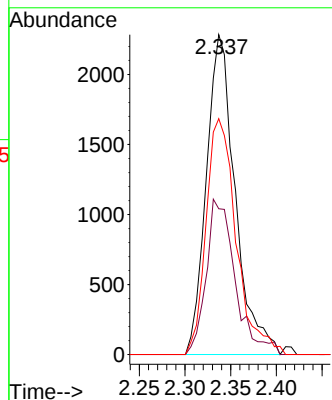
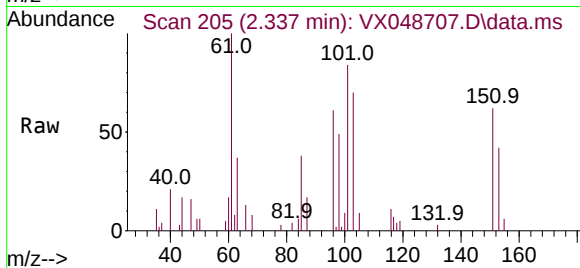
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.658 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:101 Resp: 5020
Ion Ratio Lower Upper
101 100
85 48.6 35.5 53.3
151 77.2 62.2 93.4

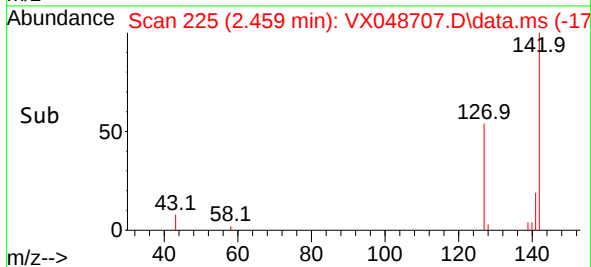
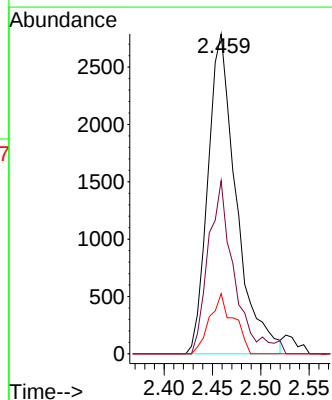
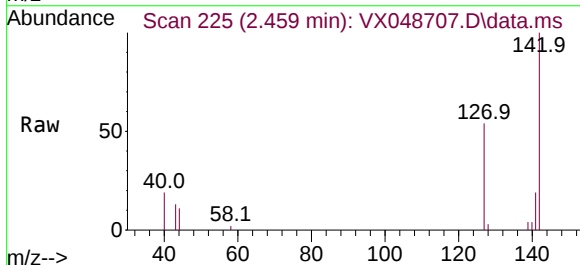
Manual Integrations
APPROVED

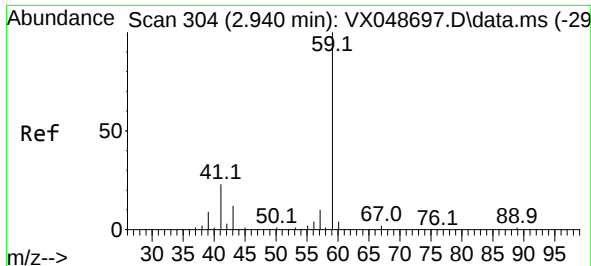
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 2.085 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

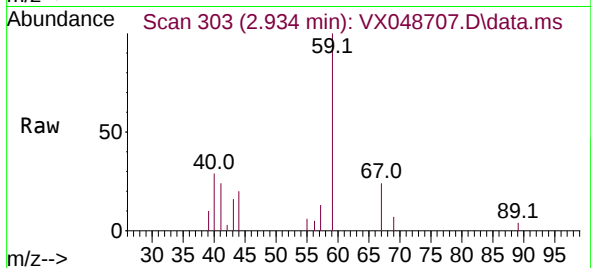
Tgt Ion:142 Resp: 5673
Ion Ratio Lower Upper
142 100
127 49.9 36.1 54.1
141 15.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 14.731 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

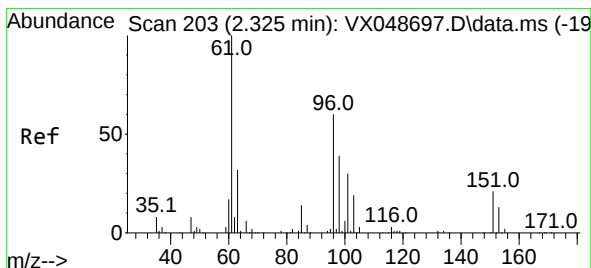
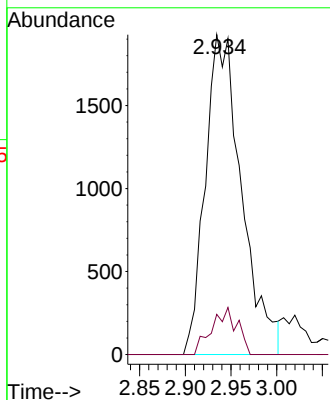
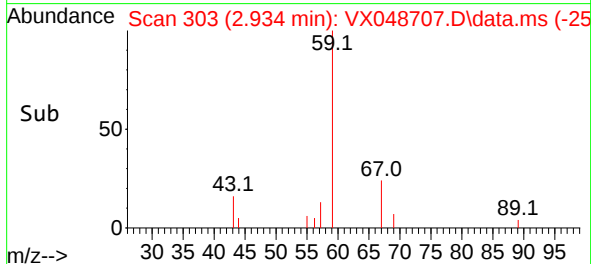
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



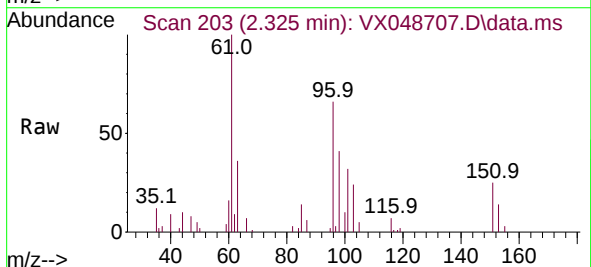
Tgt Ion: 59 Resp: 5330
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

Manual Integrations
APPROVED

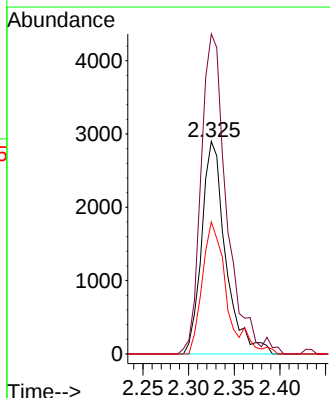
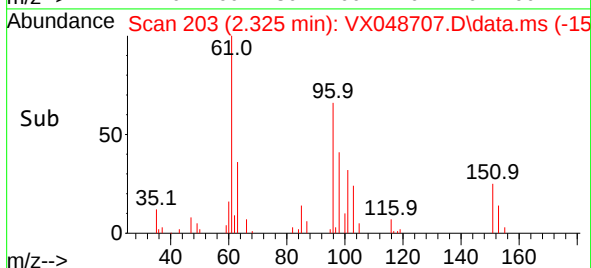
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

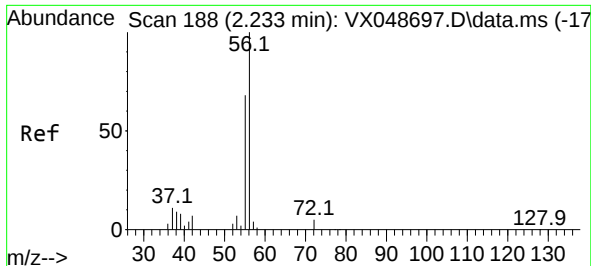


#12
1,1-Dichloroethene
Concen: 2.822 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



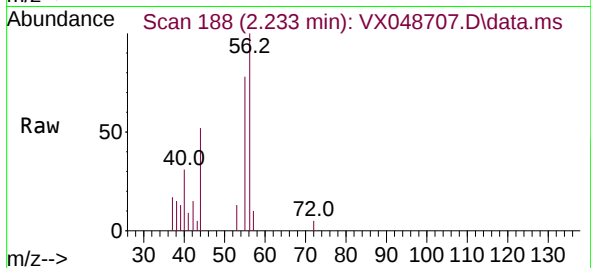
Tgt Ion: 96 Resp: 5299
Ion Ratio Lower Upper
96 100
61 150.7 133.5 200.3
98 62.2 52.2 78.4





#13
Acrolein
Concen: 16.114 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

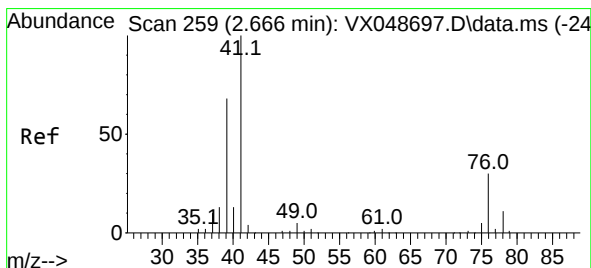
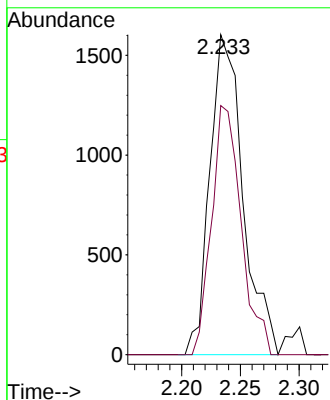
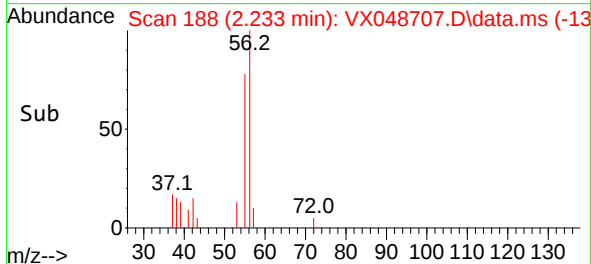
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



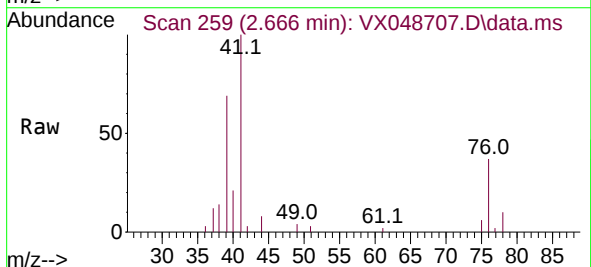
Tgt Ion: 56 Resp: 3153
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4

Manual Integrations
APPROVED

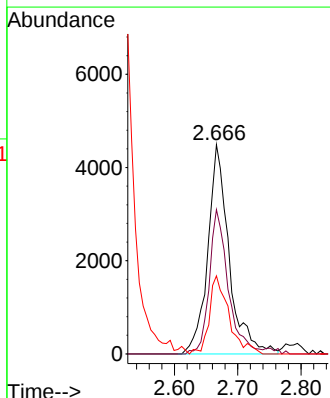
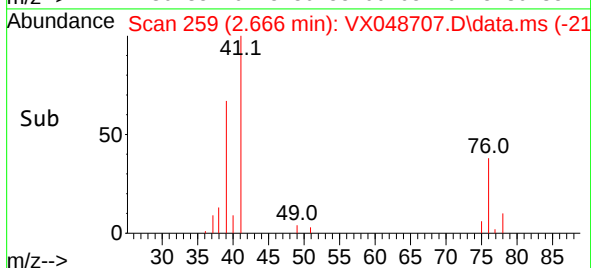
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

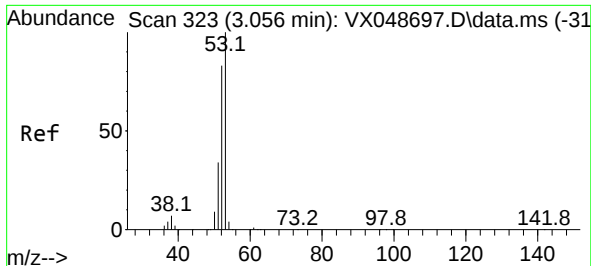


#14
Allyl chloride
Concen: 2.967 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



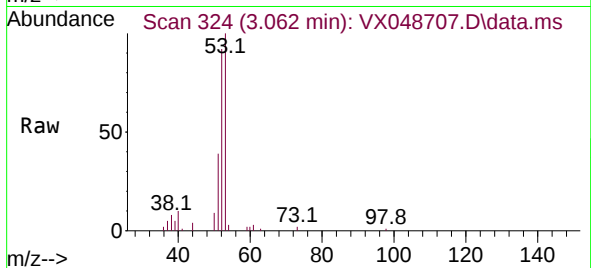
Tgt Ion: 41 Resp: 10541
Ion Ratio Lower Upper
41 100
39 61.1 50.7 76.1
76 34.2 27.1 40.7





#15
Acrylonitrile
Concen: 14.735 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

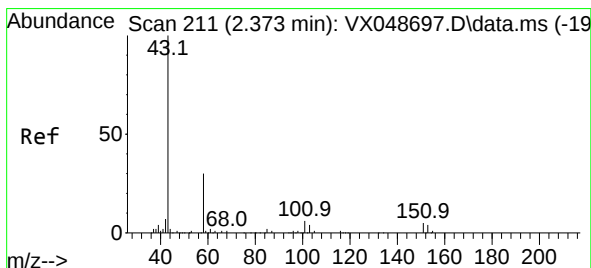
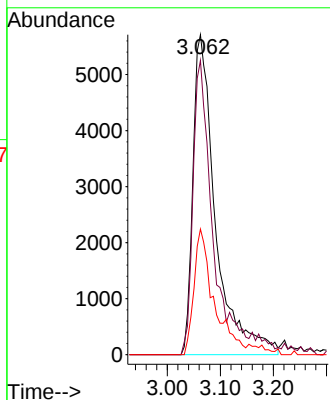
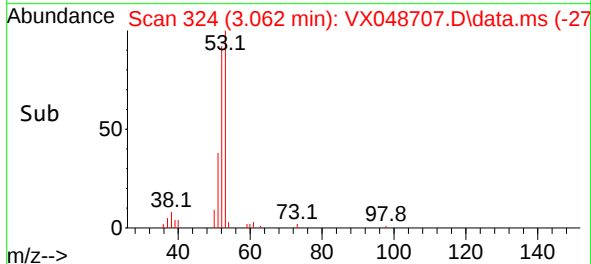
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 53 Resp: 1694
Ion Ratio Lower Upper
53 100
52 79.1 65.4 98.0
51 34.6 28.3 42.5

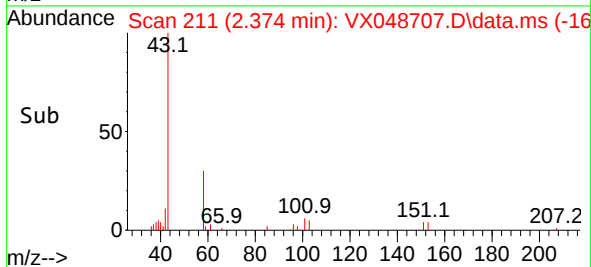
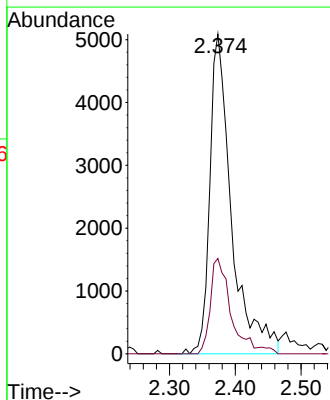
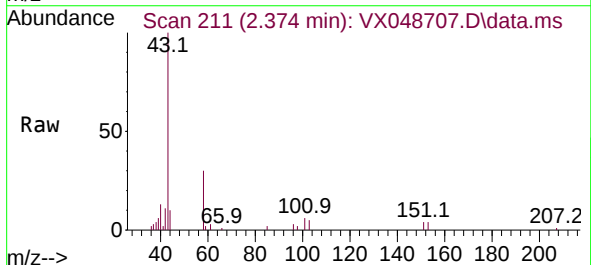
Manual Integrations
APPROVED

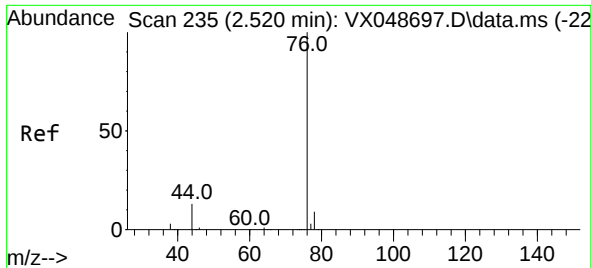
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 14.884 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 43 Resp: 11637
Ion Ratio Lower Upper
43 100
58 29.8 24.9 37.3





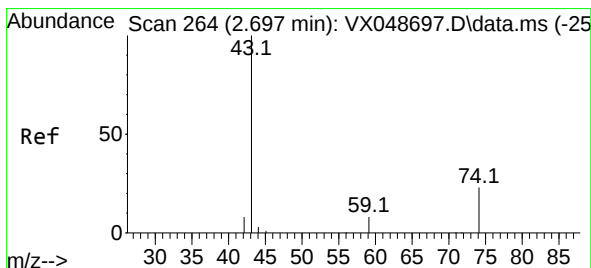
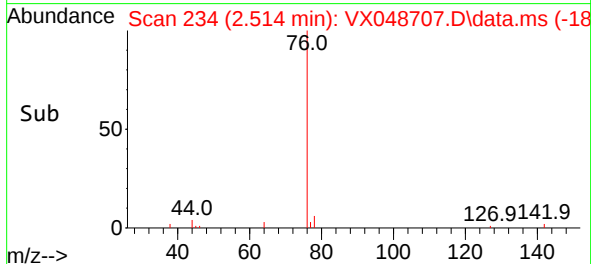
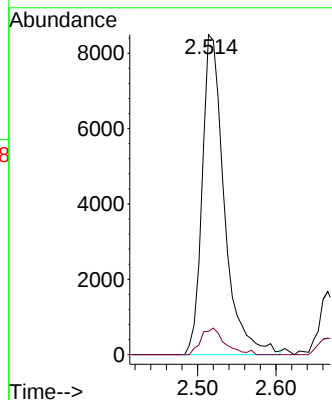
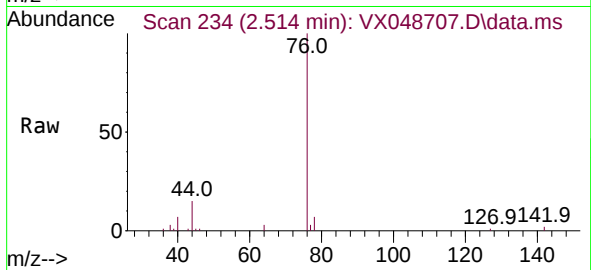
#17
Carbon Disulfide
Concen: 2.912 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 16652
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

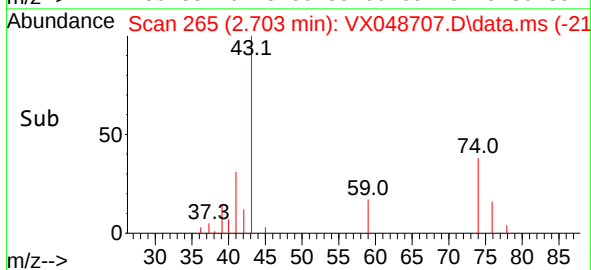
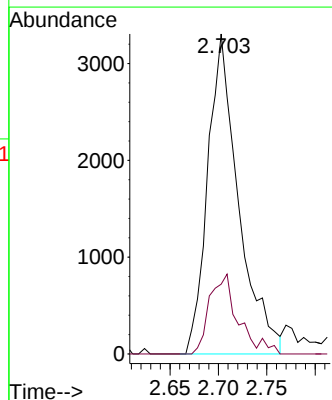
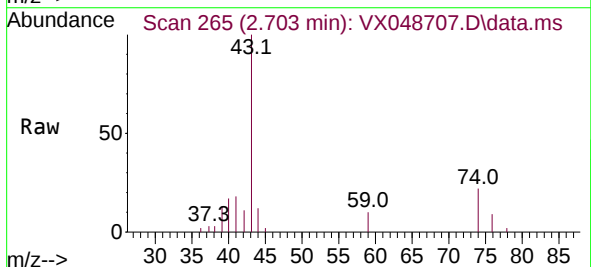
Manual Integrations
APPROVED

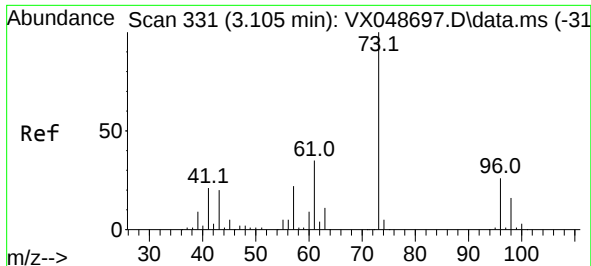
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 2.828 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

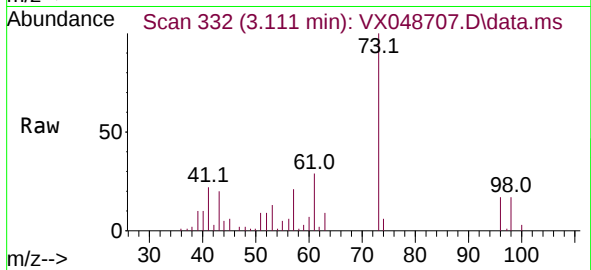
Tgt Ion: 43 Resp: 7323
Ion Ratio Lower Upper
43 100
74 21.6 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 2.711 ug/l
RT: 3.111 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

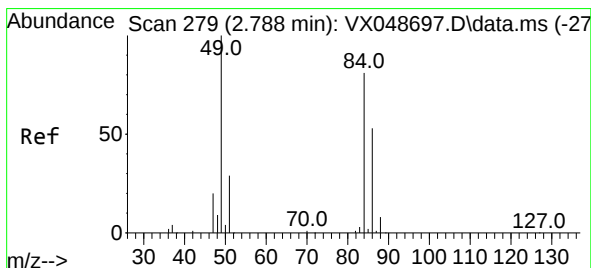
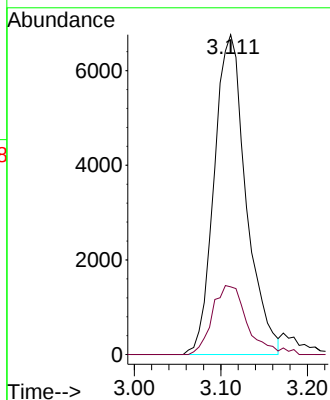
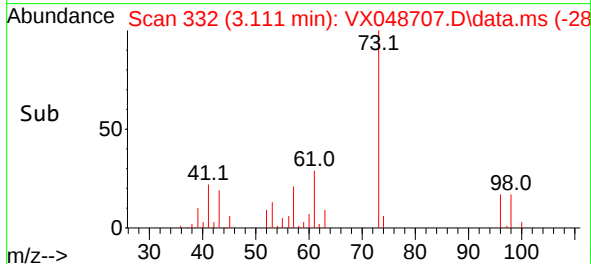
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 73 Resp: 17345
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3

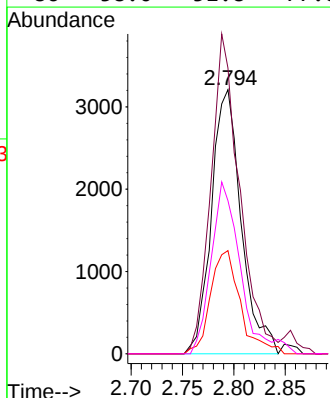
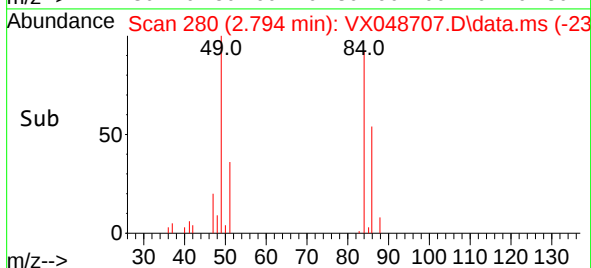
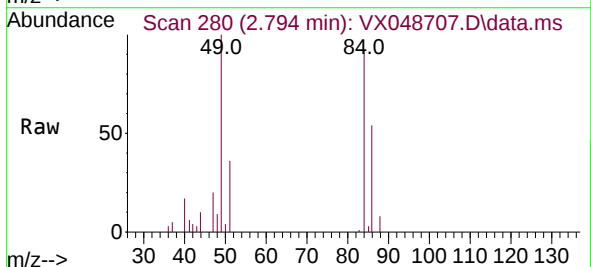
Manual Integrations
APPROVED

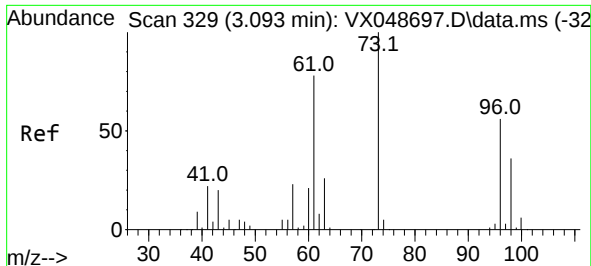
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 2.969 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

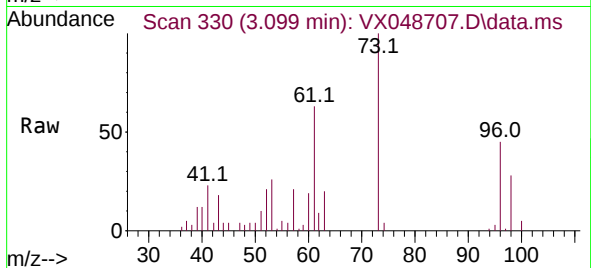
Tgt Ion: 84 Resp: 6479
Ion Ratio Lower Upper
84 100
49 108.2 98.6 148.0
51 39.1 28.7 43.1
86 58.0 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 2.890 ug/l
RT: 3.099 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

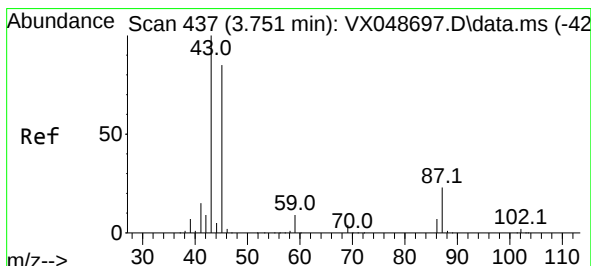
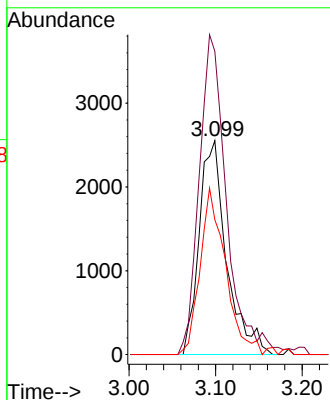
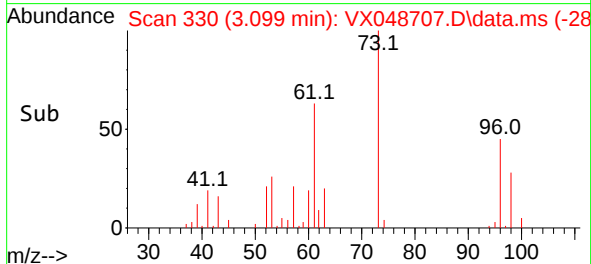
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 560
Ion Ratio Lower Upper
96 100
61 141.7 110.6 166.0
98 63.0 51.1 76.7

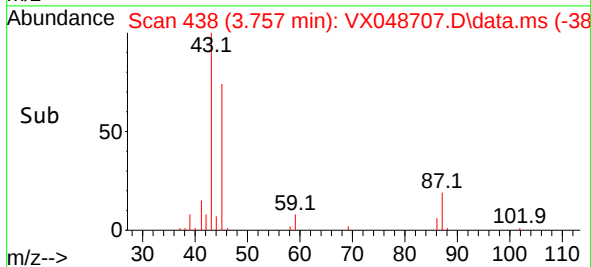
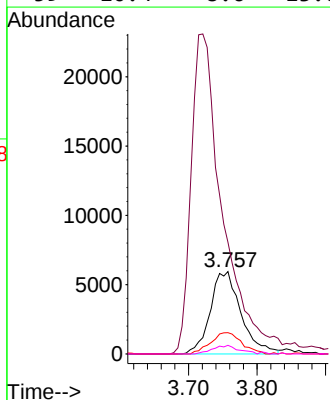
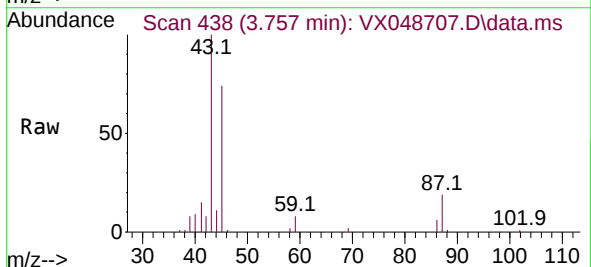
Manual Integrations
APPROVED

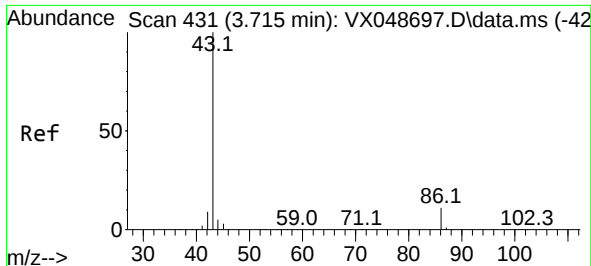
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 2.902 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 45 Resp: 18463
Ion Ratio Lower Upper
45 100
43 128.5 94.6 141.8
87 25.8 21.7 32.5
59 10.4 8.6 13.0





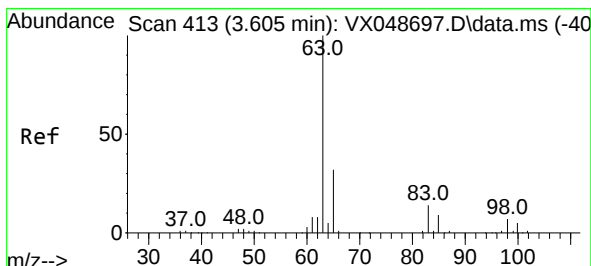
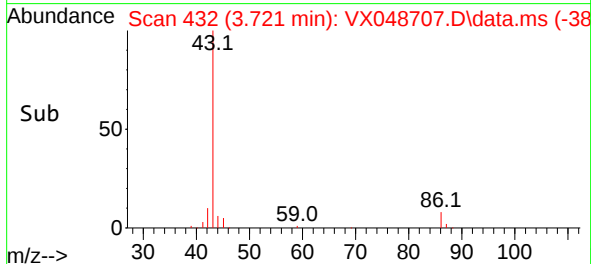
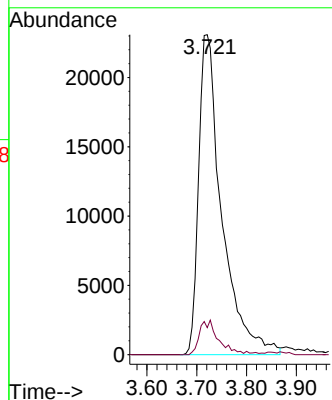
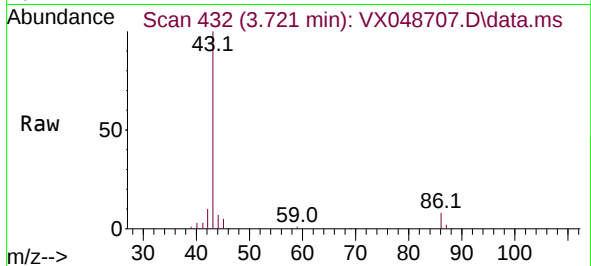
#23
 Vinyl Acetate
 Concen: 13.498 ug/l
 RT: 3.721 min Scan# 431
 Delta R.T. 0.006 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 7466
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.6 12.8

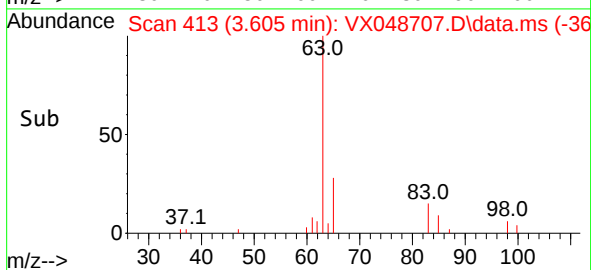
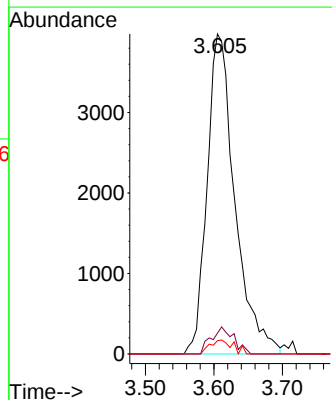
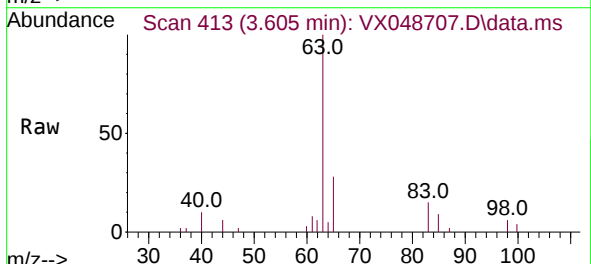
Manual Integrations
 APPROVED

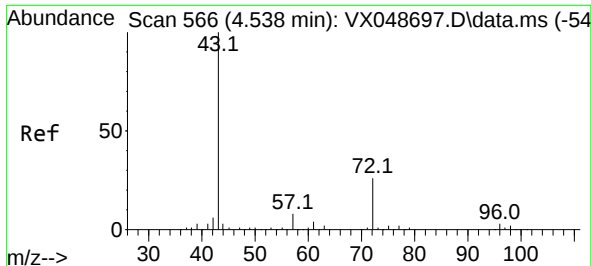
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 3.091 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Tgt Ion: 63 Resp: 11201
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.1 2.3 6.9





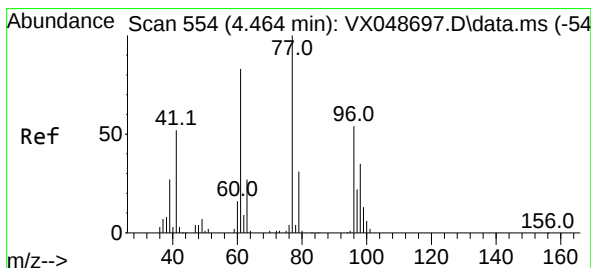
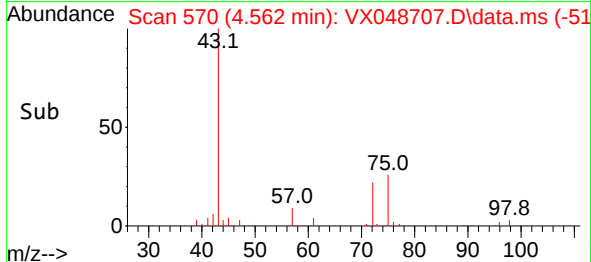
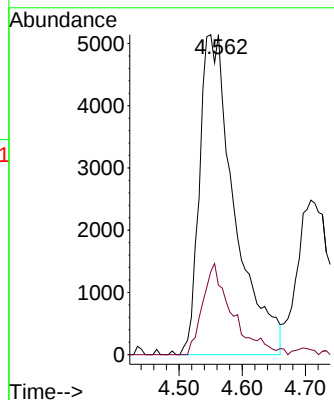
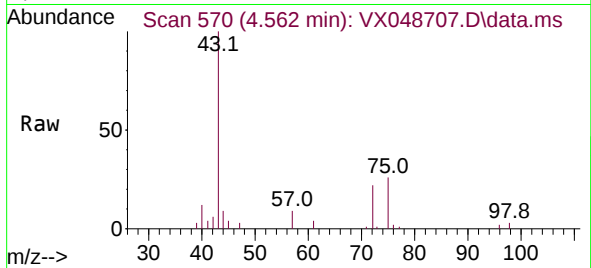
#25
2-Butanone
Concen: 14.515 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
72 21.7 20.6 31.0

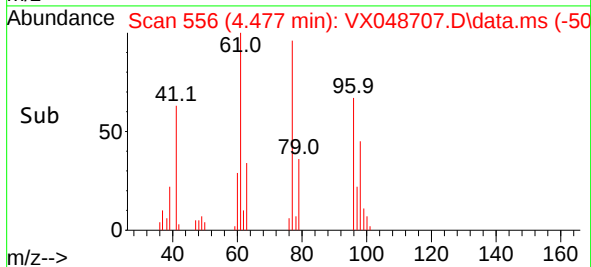
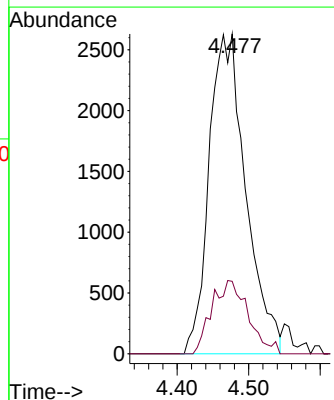
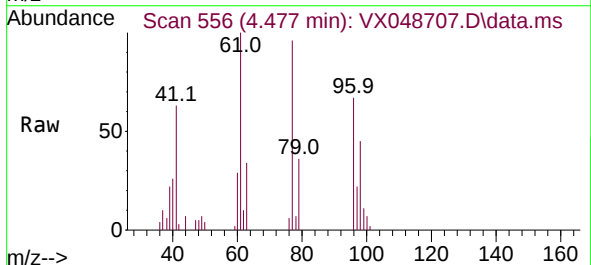
Manual Integrations
APPROVED

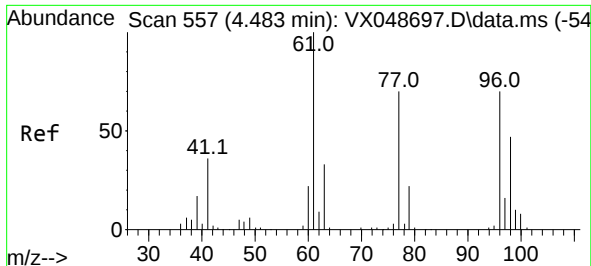
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 2.810 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

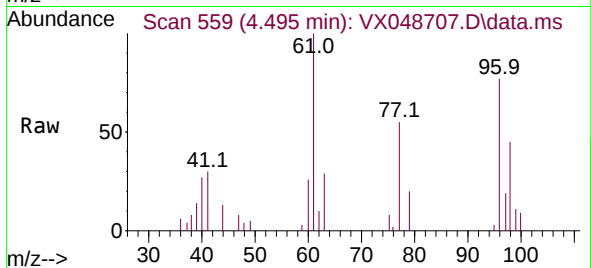
Tgt Ion: 77 Resp: 9391
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 2.645 ug/l
RT: 4.495 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

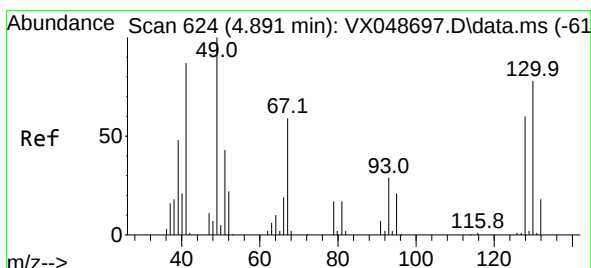
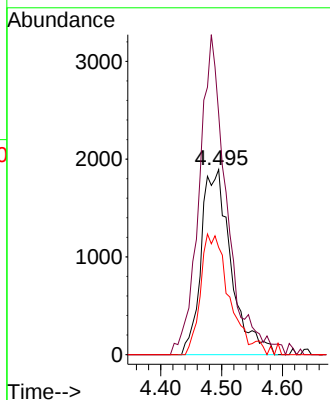
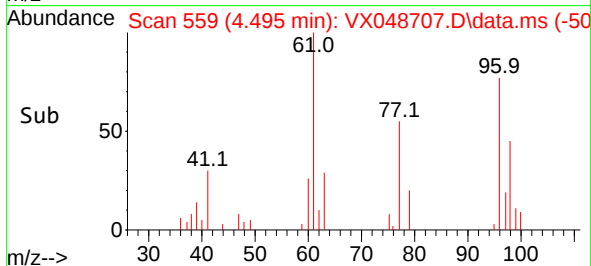
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 6426
Ion Ratio Lower Upper
96 100
61 160.1 0.0 291.6
98 61.1 0.0 128.6

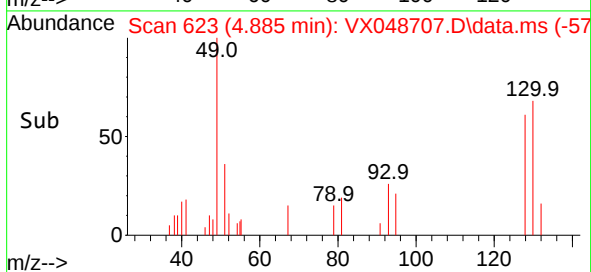
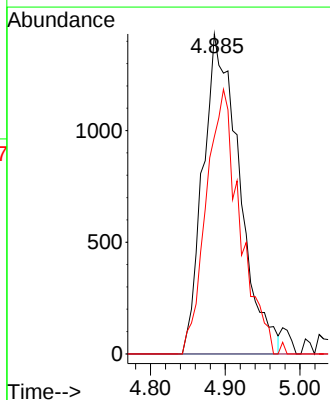
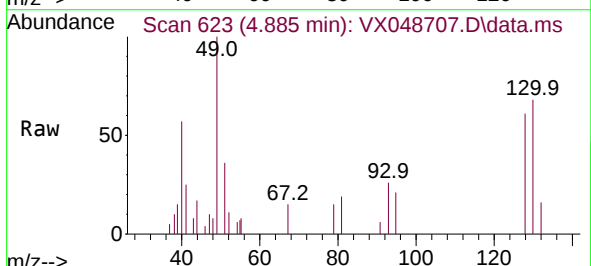
Manual Integrations
APPROVED

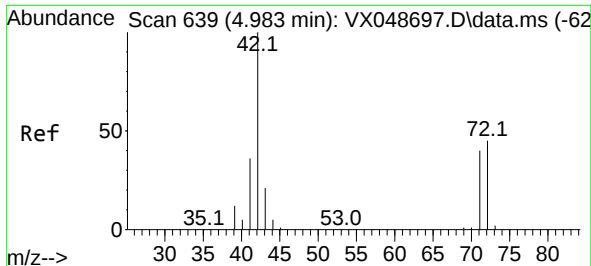
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#28
Bromochloromethane
Concen: 2.782 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

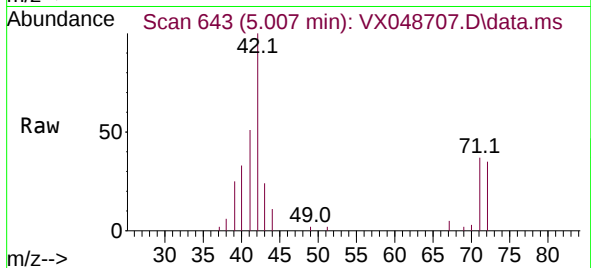
Tgt Ion: 49 Resp: 4840
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 76.7 61.8 92.8





#29
Tetrahydrofuran
Concen: 13.783 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.025 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

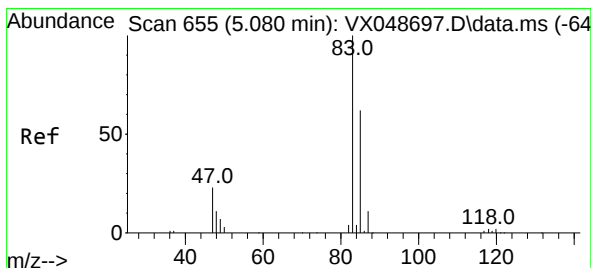
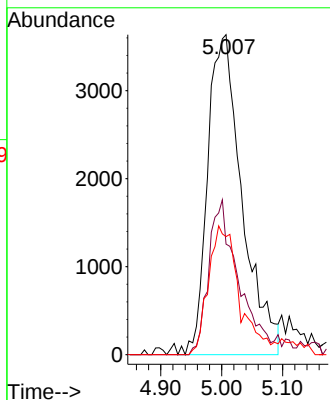
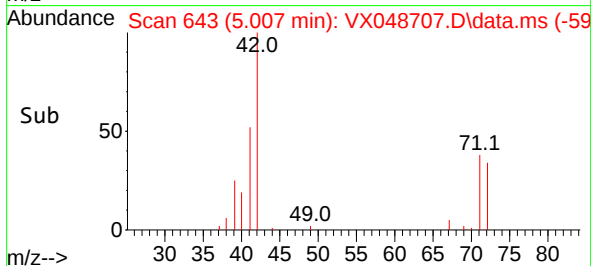
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 42 Resp: 14291
Ion Ratio Lower Upper
42 100
72 42.2 36.6 55.0
71 36.7 33.0 49.6

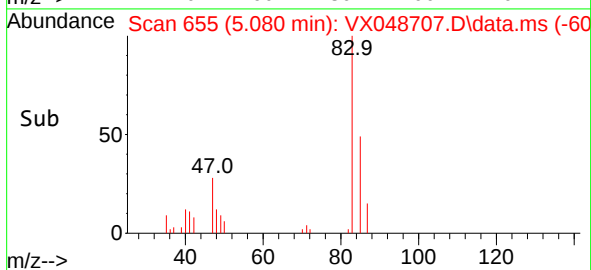
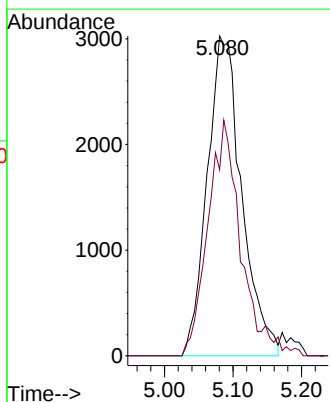
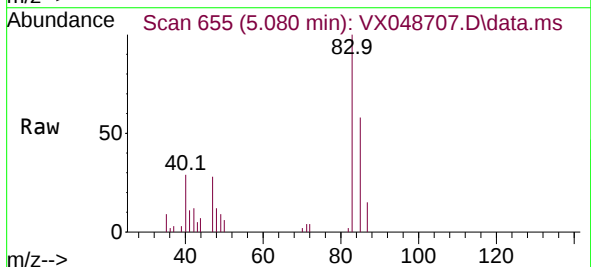
Manual Integrations
APPROVED

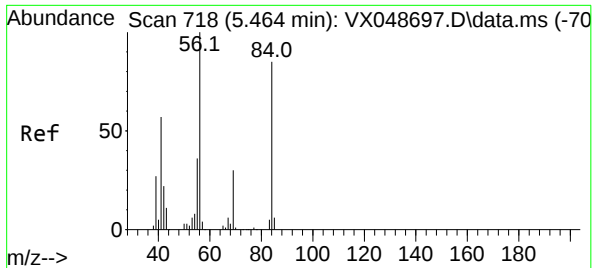
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#30
Chloroform
Concen: 2.756 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

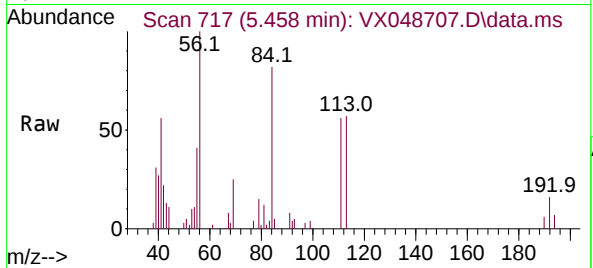
Tgt Ion: 83 Resp: 10579
Ion Ratio Lower Upper
83 100
85 58.2 49.6 74.4





#31
Cyclohexane
Concen: 2.834 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

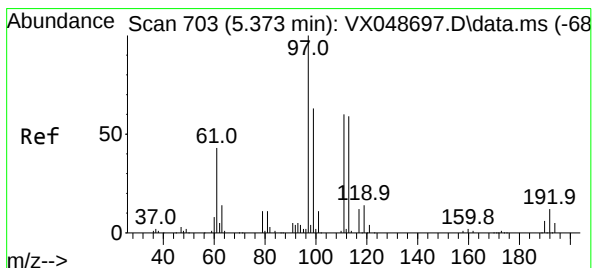
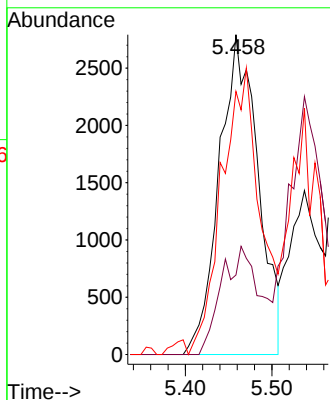
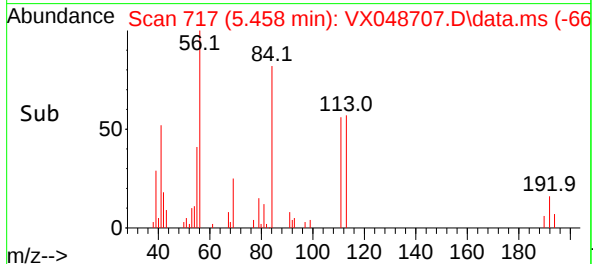
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 8749
Ion Ratio Lower Upper
56 100
69 24.9 24.2 36.4
84 78.3 68.2 102.2

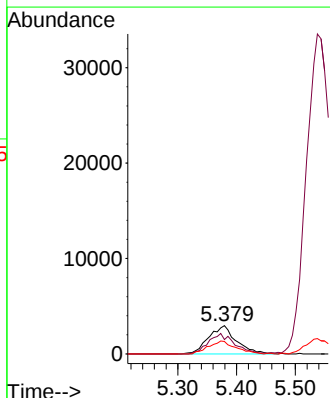
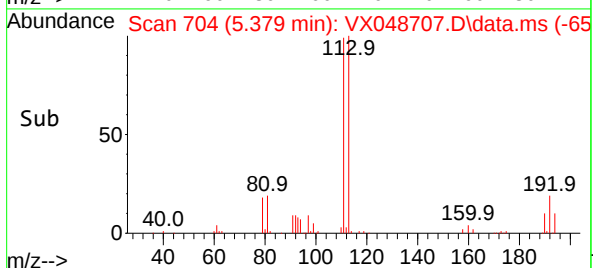
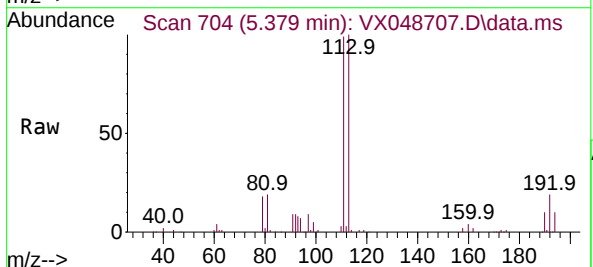
Manual Integrations
APPROVED

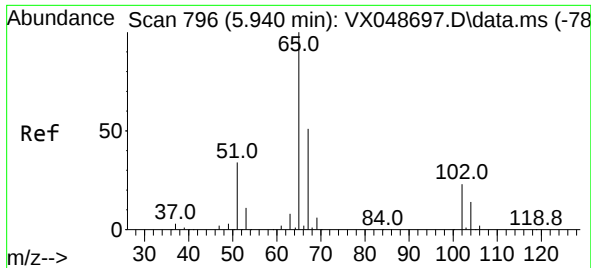
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 2.792 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 97 Resp: 9637
Ion Ratio Lower Upper
97 100
99 68.8 50.2 75.4
61 44.2 34.2 51.4





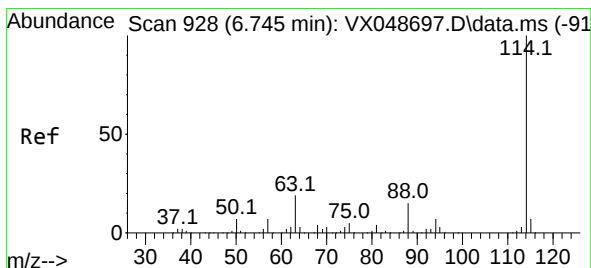
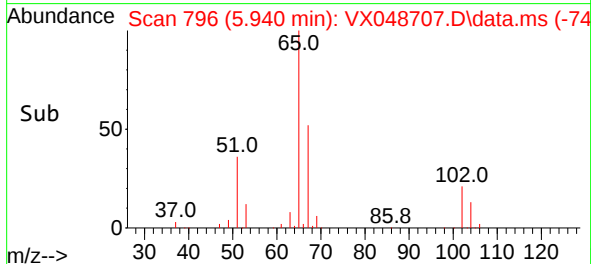
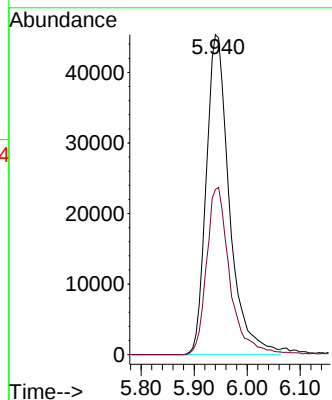
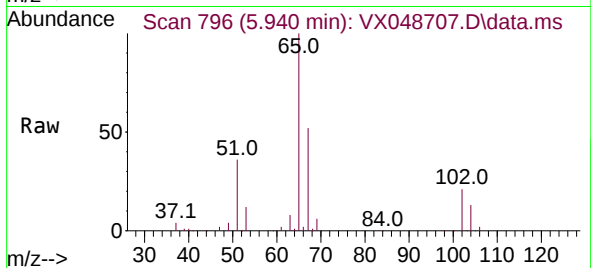
#33
 1,2-Dichloroethane-d4
 Concen: 57.442 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 137415
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.0

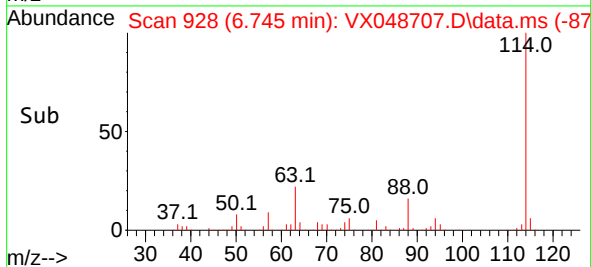
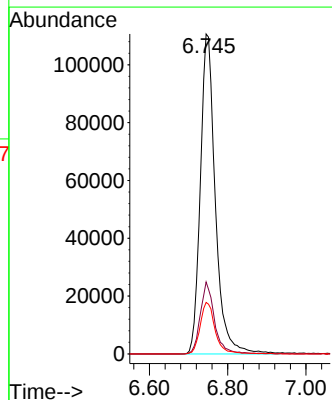
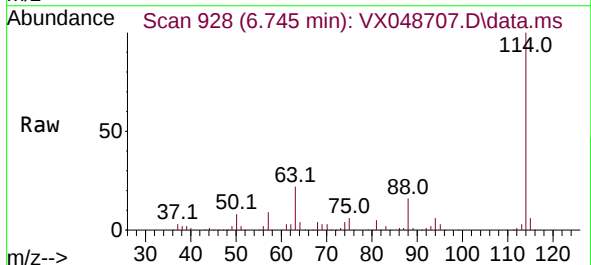
Manual Integrations
 APPROVED

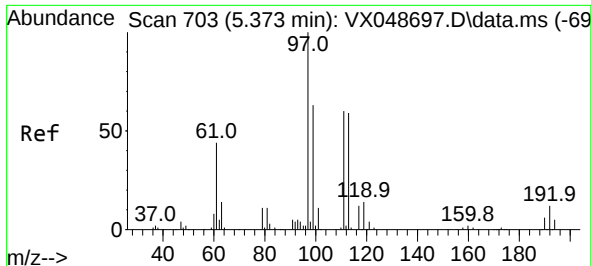
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Tgt Ion:114 Resp: 293874
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 38.0
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.360 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048707.D

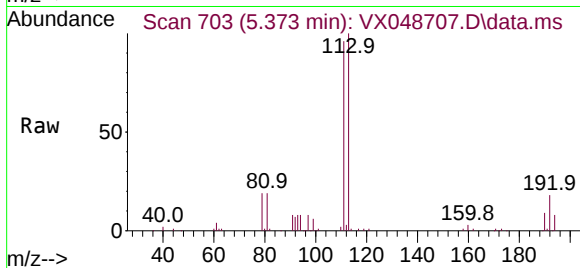
Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



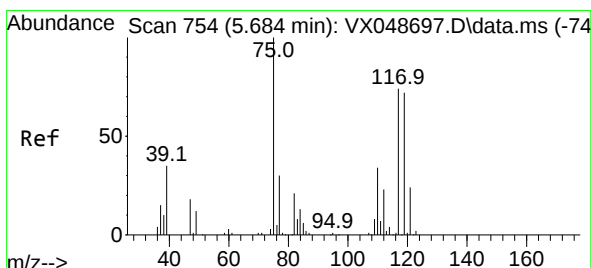
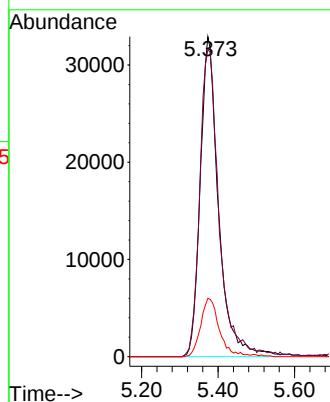
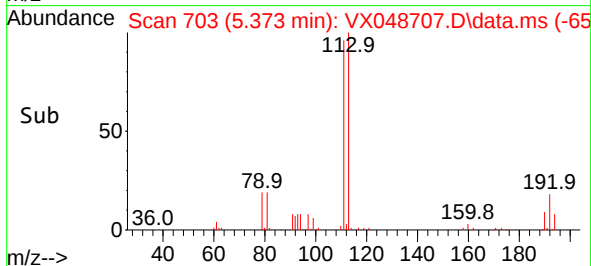
Tgt Ion:	113	Resp:	108886
Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	18.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#36

1,1-Dichloropropene

Concen: 2.791 ug/l

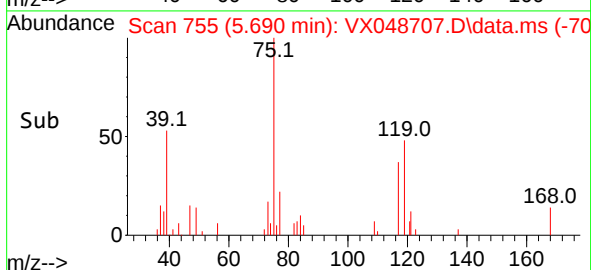
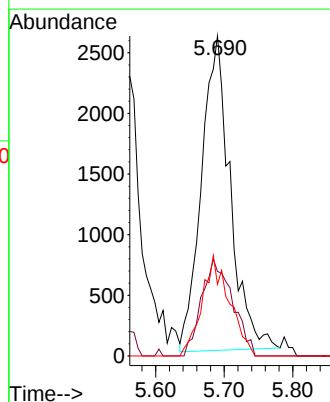
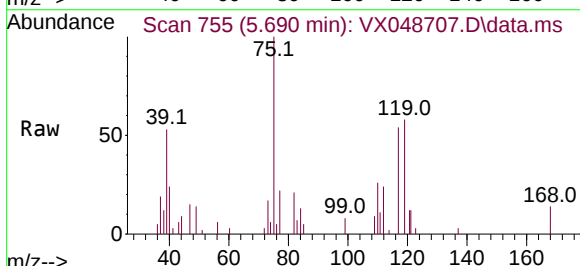
RT: 5.690 min Scan# 755

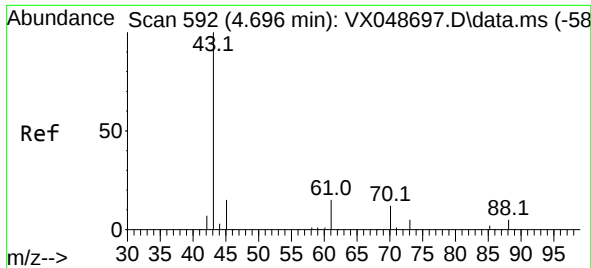
Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Tgt Ion:	75	Resp:	7555
Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.3	51.9
77	30.5	24.9	37.3





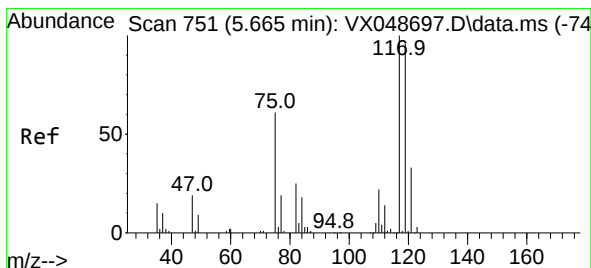
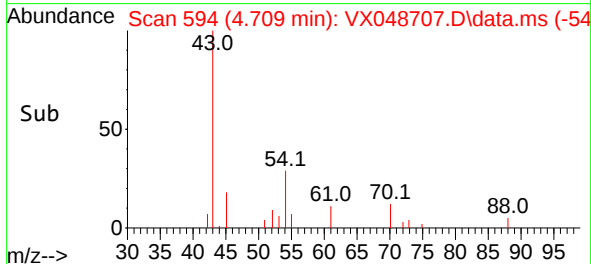
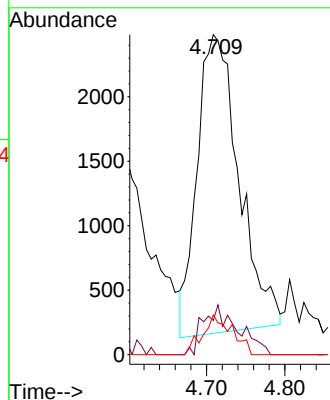
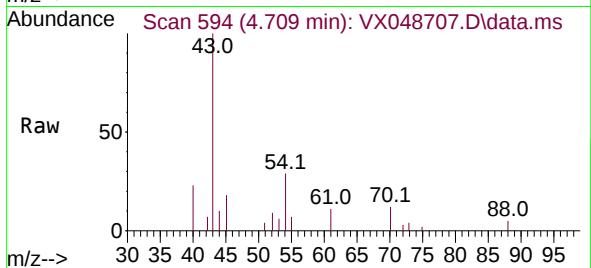
#37
Ethyl Acetate
Concen: 2.495 ug/l
RT: 4.709 min Scan# 592
Delta R.T. 0.012 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 8572
Ion Ratio Lower Upper
43 100
61 11.3 9.4 14.0
70 9.3 7.3 10.9

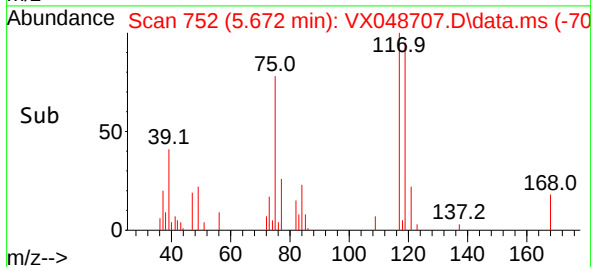
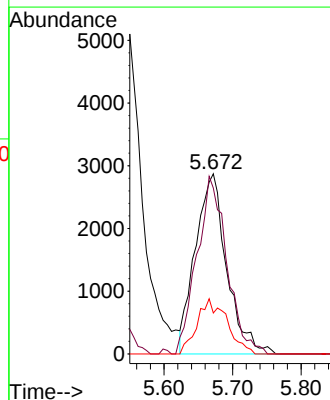
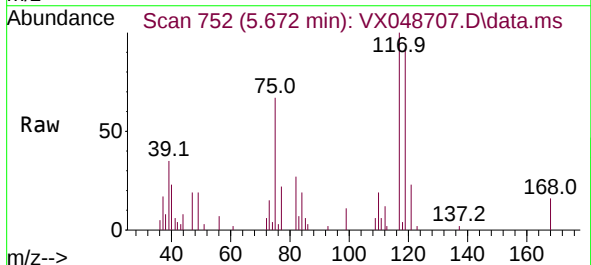
Manual Integrations
APPROVED

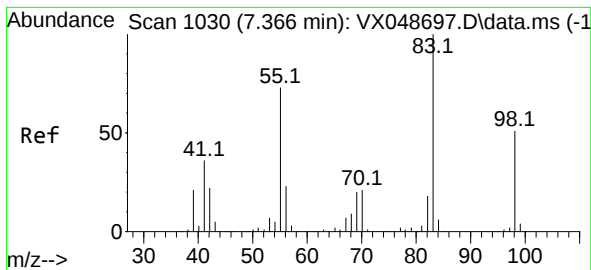
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 2.930 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:117 Resp: 9112
Ion Ratio Lower Upper
117 100
119 92.1 76.0 114.0
121 22.7 26.1 39.1#





#39

Methylcyclohexane

Concen: 3.022 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

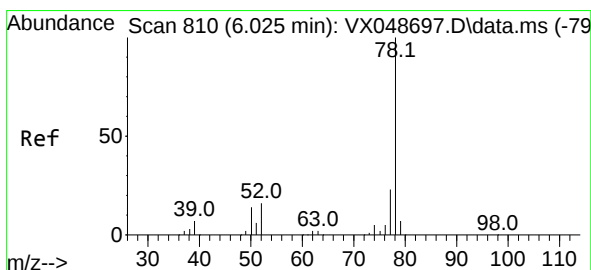
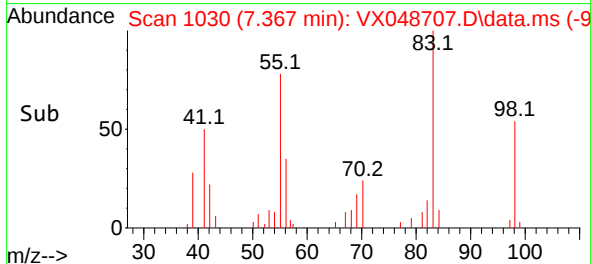
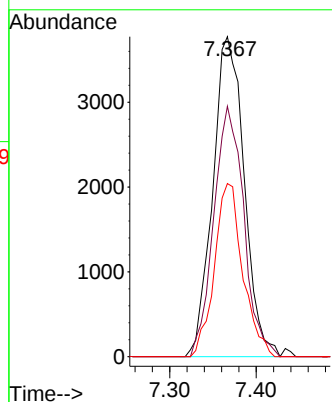
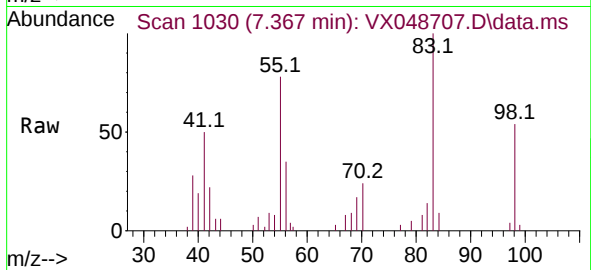
Tgt Ion: 83	Resp: 9519
Ion Ratio	Lower Upper
83	100
55	78.2 58.2 87.2
98	54.1 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 2.858 ug/l

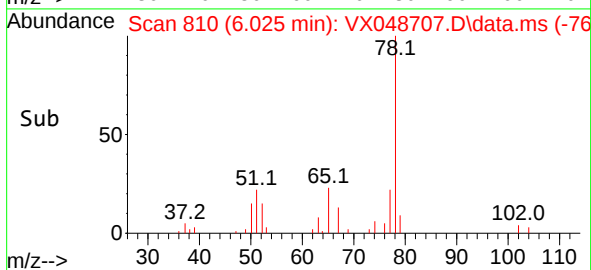
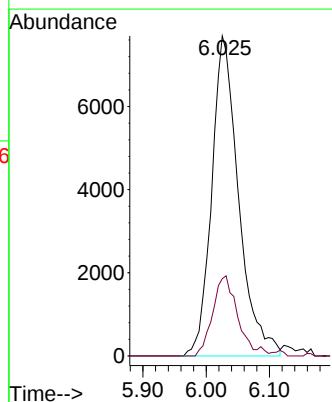
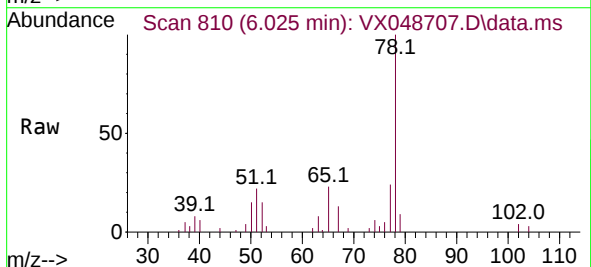
RT: 6.025 min Scan# 810

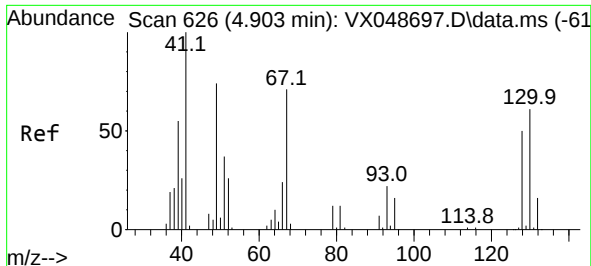
Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

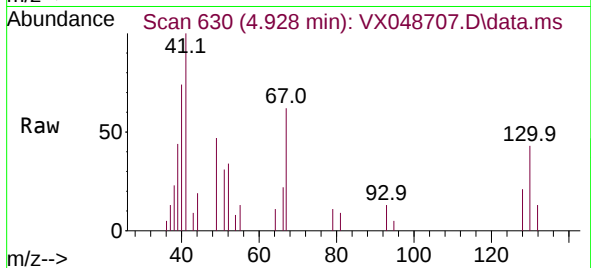
Tgt Ion: 78	Resp: 22736
Ion Ratio	Lower Upper
78	100
77	24.1 18.5 27.7





#41
Methacrylonitrile
Concen: 2.290 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.025 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

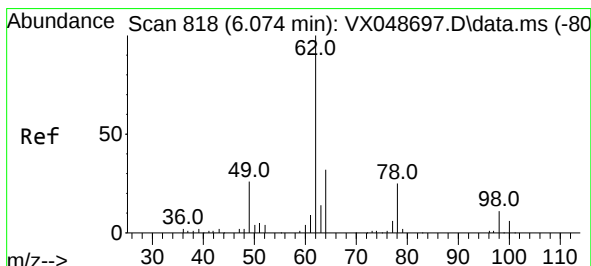
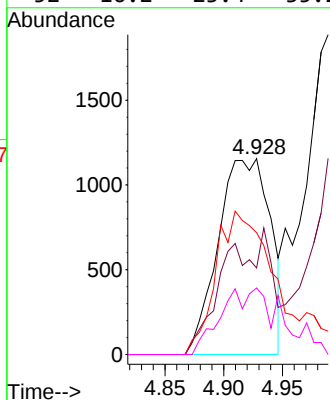
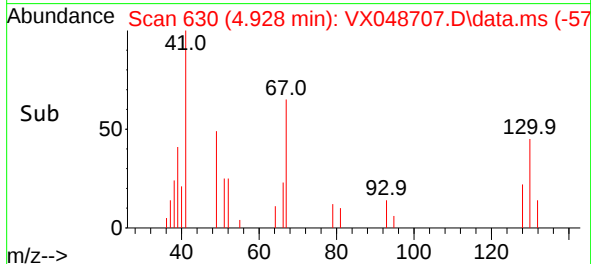
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 41 Resp: 3562
Ion Ratio Lower Upper
41 100
39 30.6 44.9 67.3
67 78.2 63.7 95.5
52 16.2 23.4 35.2#

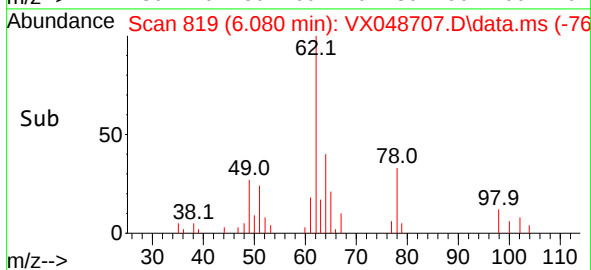
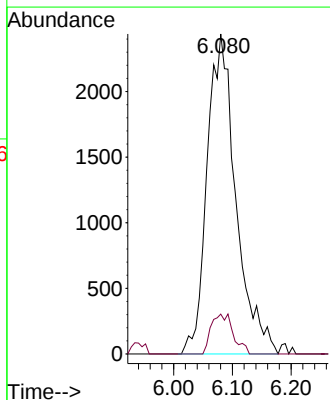
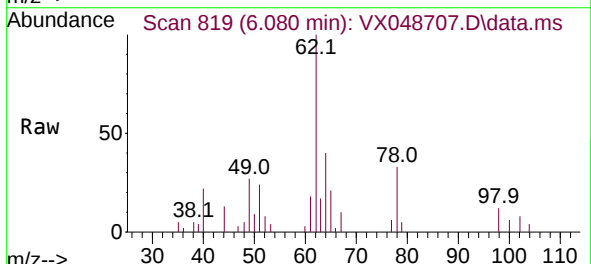
Manual Integrations
APPROVED

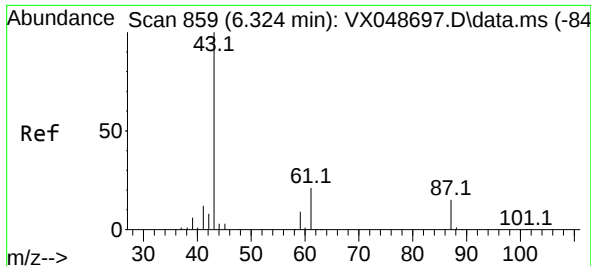
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 2.908 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

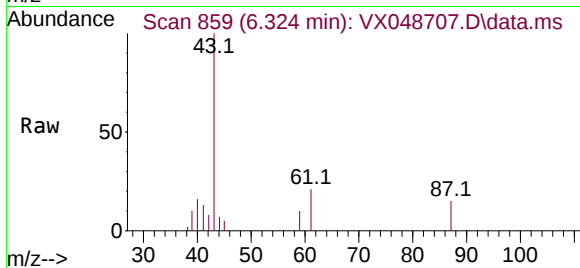
Tgt Ion: 62 Resp: 8306
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.0





#43
Isopropyl Acetate
Concen: 2.904 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

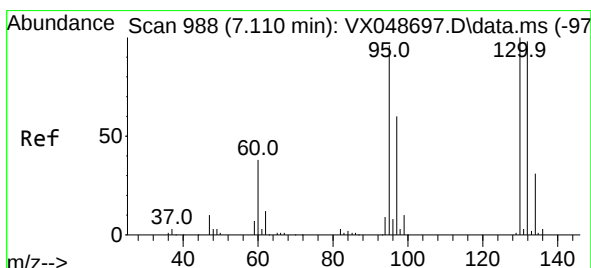
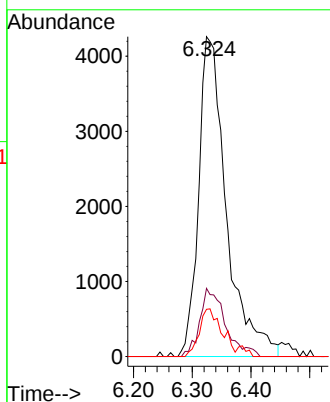
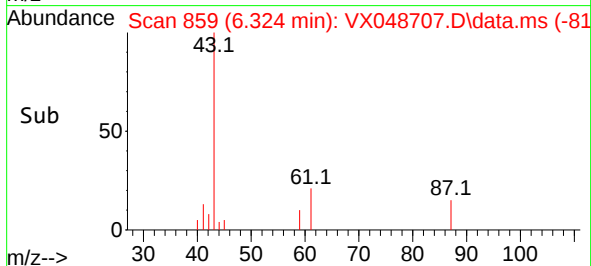
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 14013
Ion Ratio Lower Upper
43 100
61 19.6 17.3 25.9
87 12.0 11.8 17.6

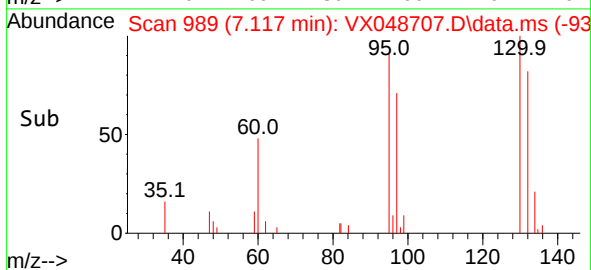
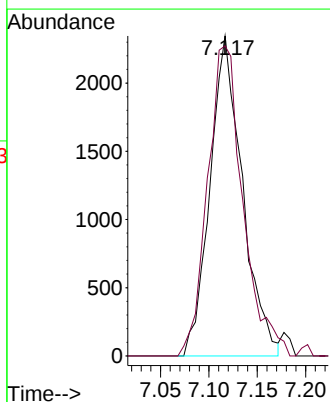
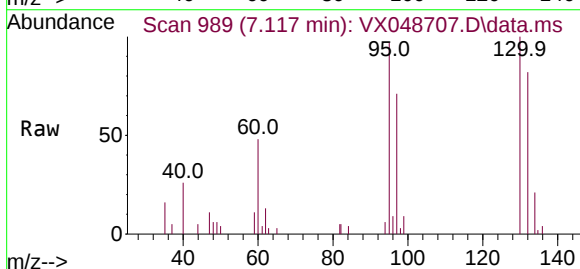
Manual Integrations
APPROVED

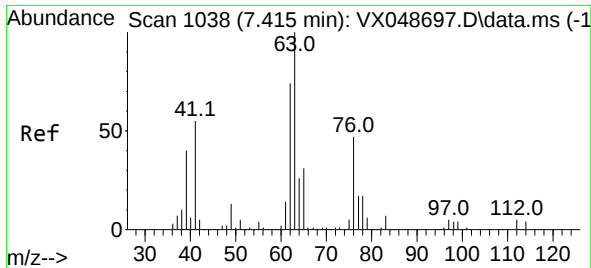
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 2.613 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:130 Resp: 5472
Ion Ratio Lower Upper
130 100
95 96.9 0.0 192.0





#45

1,2-Dichloropropane

Concen: 2.886 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

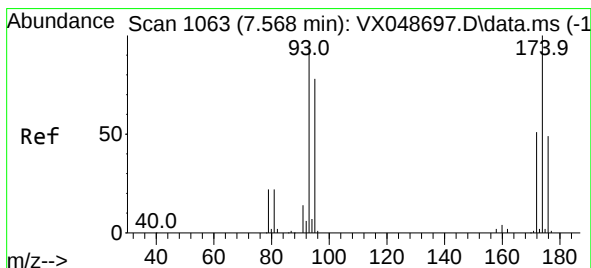
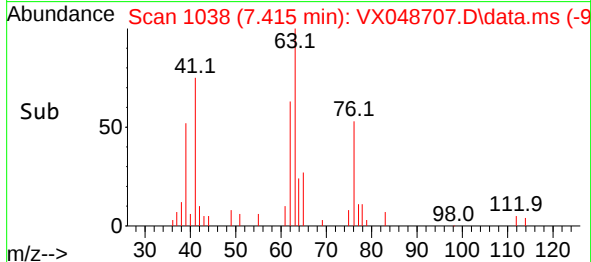
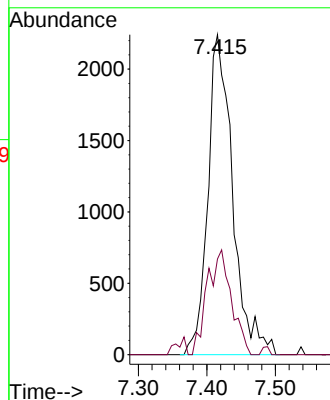
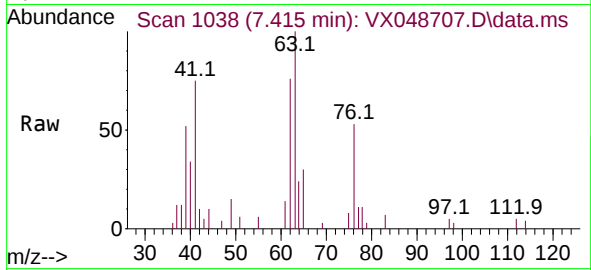
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 561
Ion Ratio Lower Upper
63 100
65 29.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 2.869 ug/l

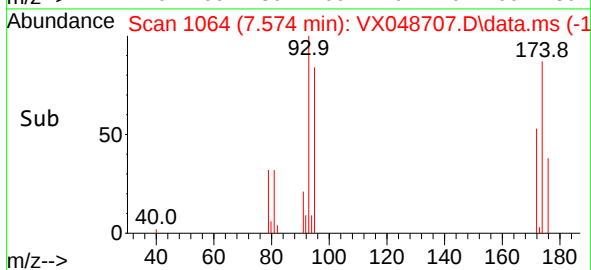
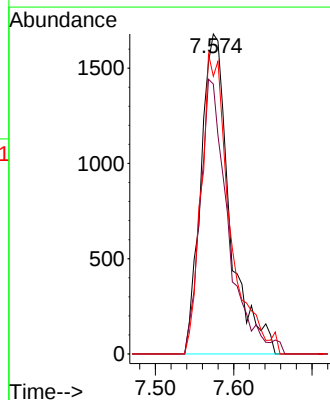
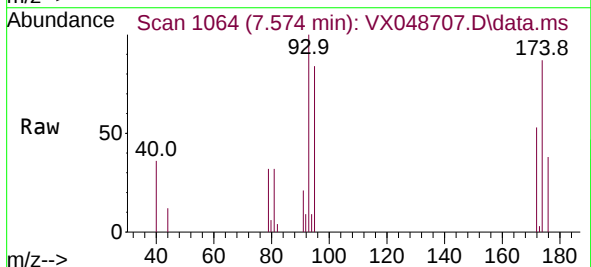
RT: 7.574 min Scan# 1064

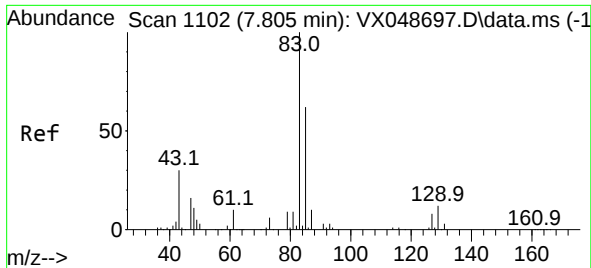
Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Tgt Ion: 93 Resp: 4291
Ion Ratio Lower Upper
93 100
95 83.3 66.2 99.2
174 93.4 86.1 129.1





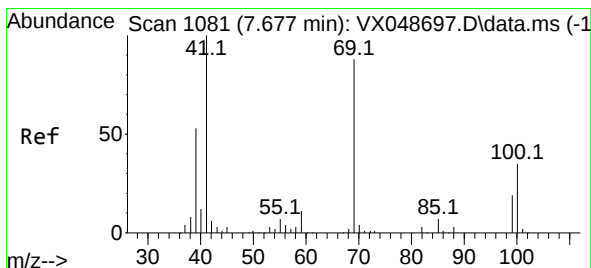
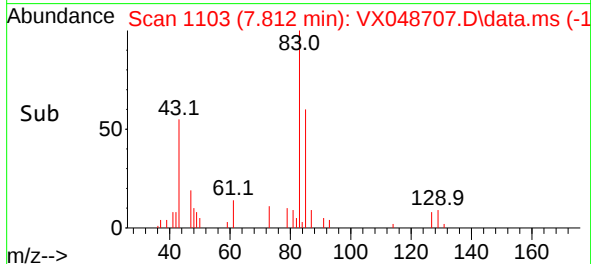
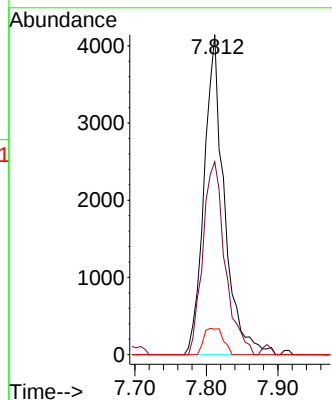
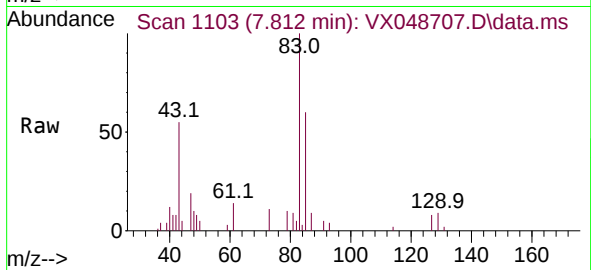
#47
Bromodichloromethane
Concen: 2.651 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 8129
Ion Ratio Lower Upper
83 100
85 60.3 49.8 74.8
127 8.0 6.7 10.1

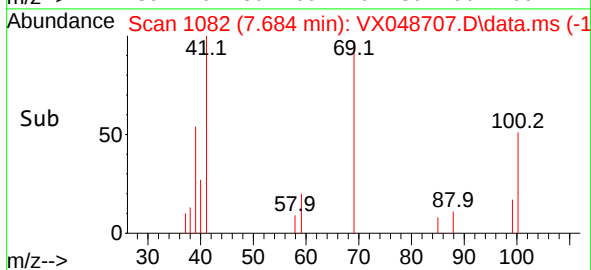
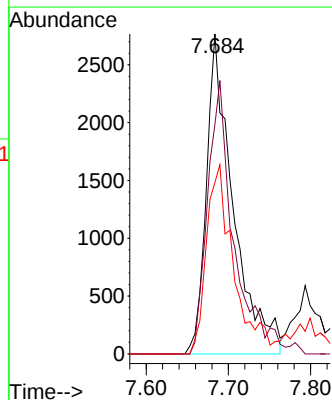
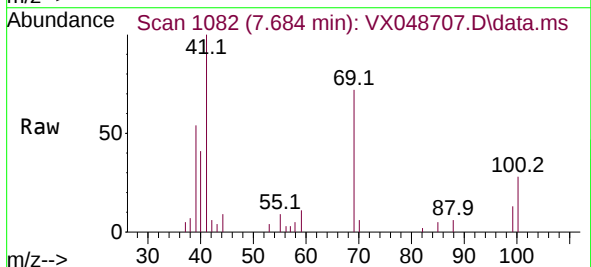
Manual Integrations
APPROVED

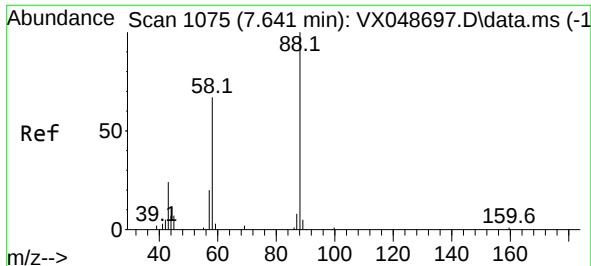
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 2.720 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 41 Resp: 6271
Ion Ratio Lower Upper
41 100
69 83.3 70.9 106.3
39 60.1 42.0 63.0





#49

1,4-Dioxane

Concen: 61.404 ug/l

RT: 7.653 min Scan# 1075

Delta R.T. 0.012 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

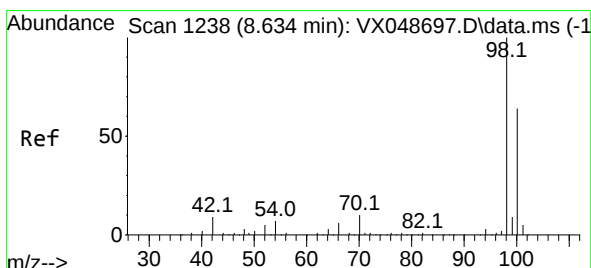
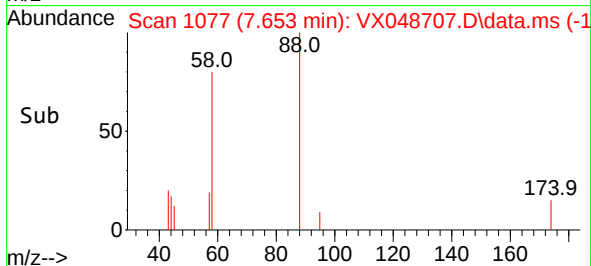
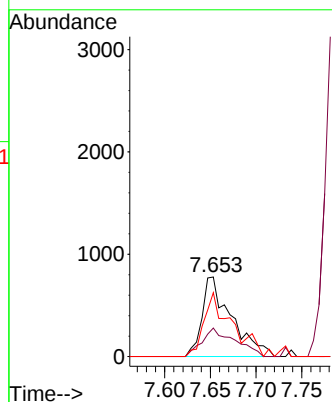
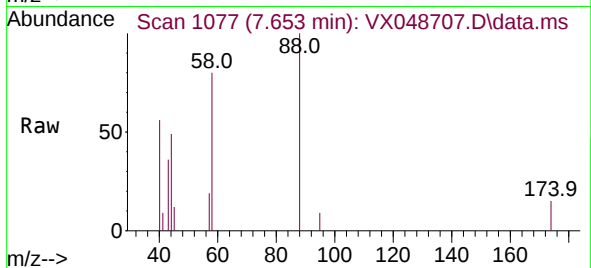
Tgt Ion: 88	Resp: 1735
Ion Ratio	Lower Upper
88 100	
43 40.2	27.9 41.9
58 77.3	54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 56.902 ug/l

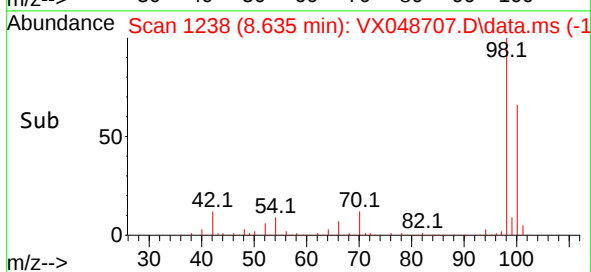
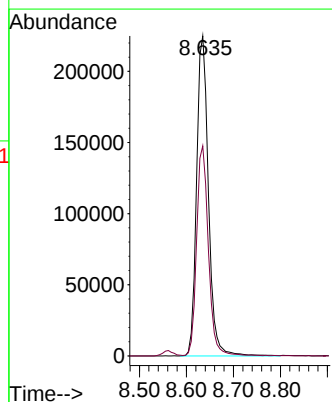
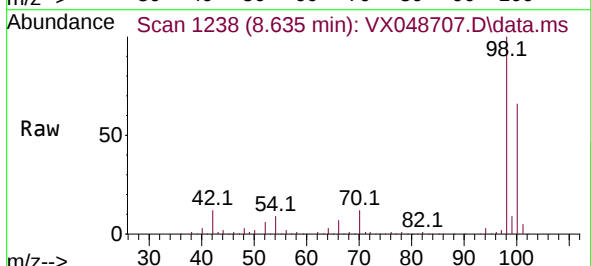
RT: 8.635 min Scan# 1238

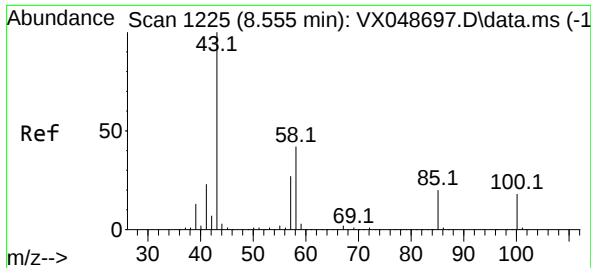
Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

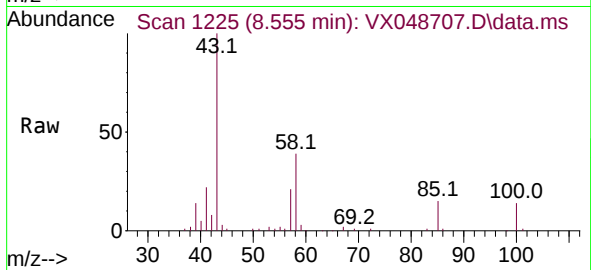
Tgt Ion: 98	Resp: 390855
Ion Ratio	Lower Upper
98 100	
100 65.0	53.4 80.2





#51
4-Methyl-2-Pentanone
Concen: 14.210 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

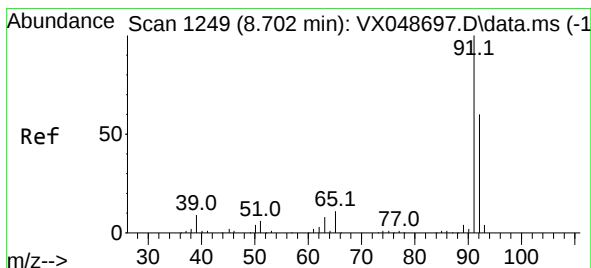
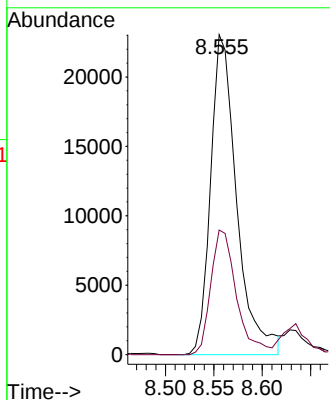
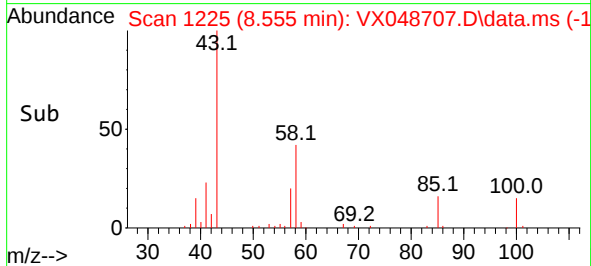
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 43217
Ion Ratio Lower Upper
43 100
58 38.3 33.6 50.4

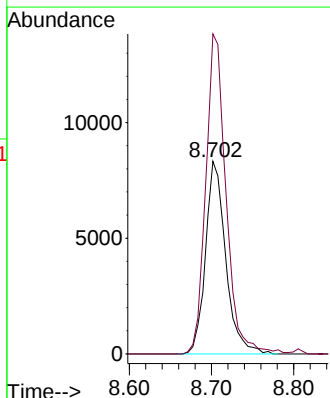
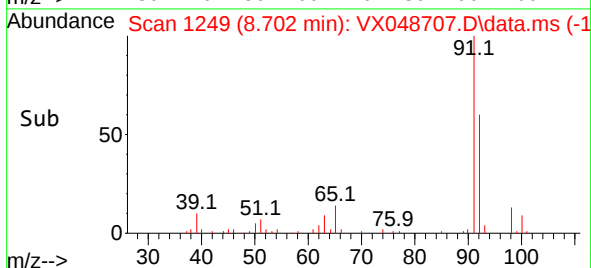
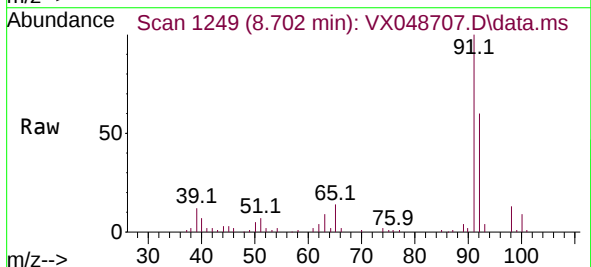
Manual Integrations
APPROVED

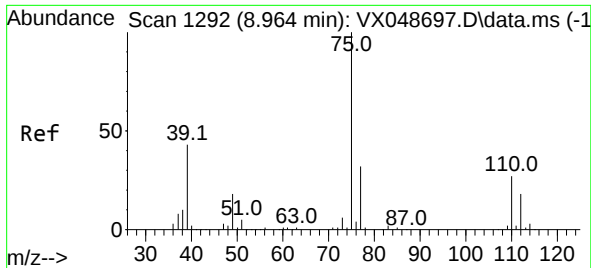
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 2.911 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 92 Resp: 14213
Ion Ratio Lower Upper
92 100
91 166.5 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 2.870 ug/l

RT: 8.970 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 8760

Ion Ratio Lower Upper

75 100

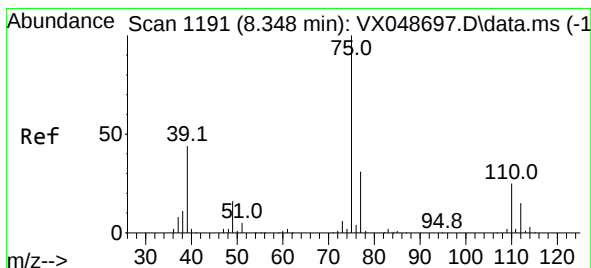
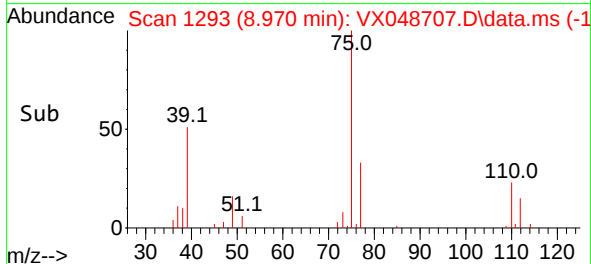
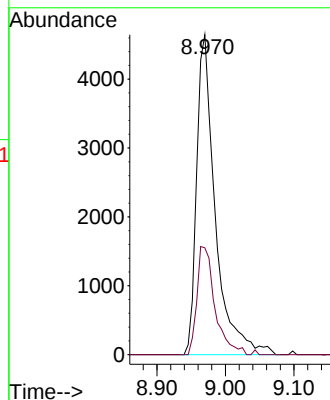
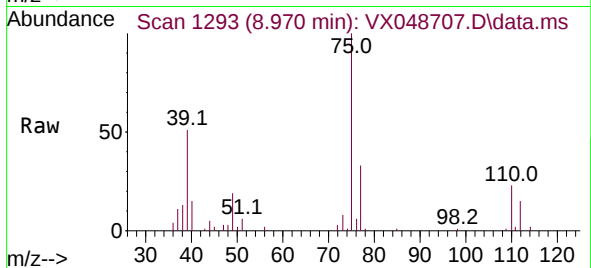
77 33.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#54

cis-1,3-Dichloropropene

Concen: 2.750 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

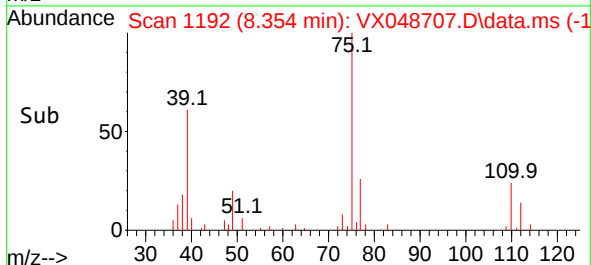
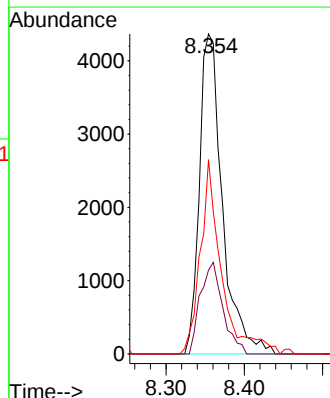
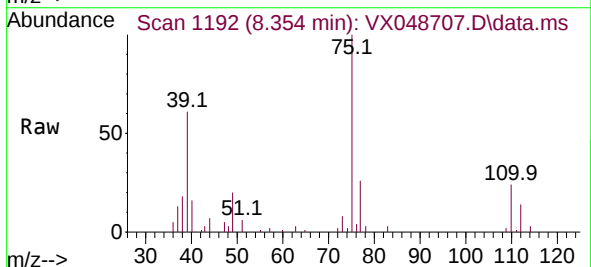
Tgt Ion: 75 Resp: 8905

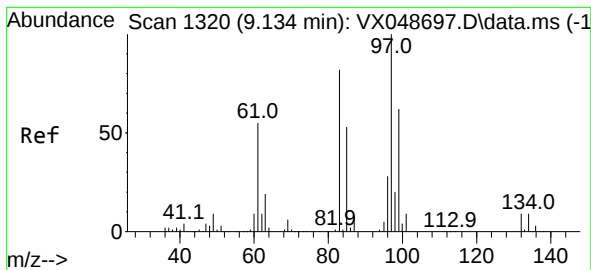
Ion Ratio Lower Upper

75 100

77 26.2 25.1 37.7

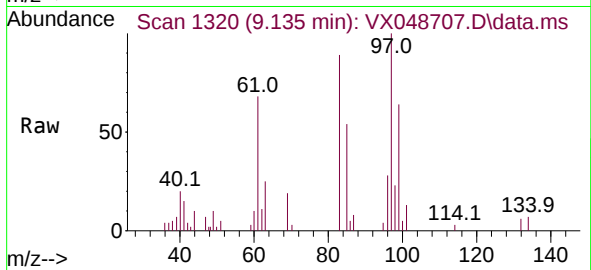
39 60.7 35.2 52.8#





#55
1,1,2-Trichloroethane
Concen: 2.654 ug/l
RT: 9.135 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

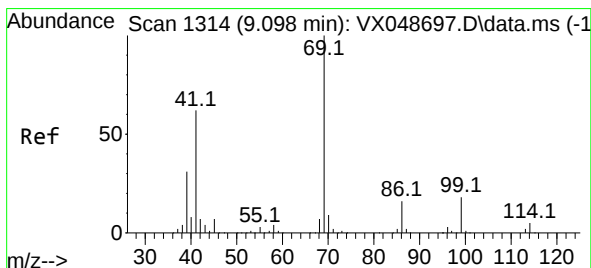
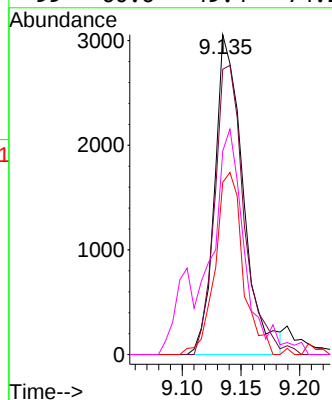
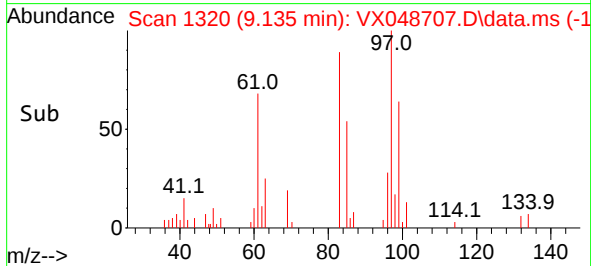
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.8	98.6
85	53.9	42.5	63.7
99	60.6	49.4	74.2

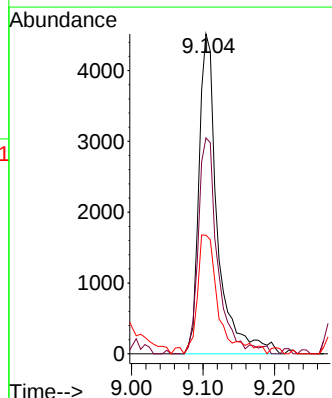
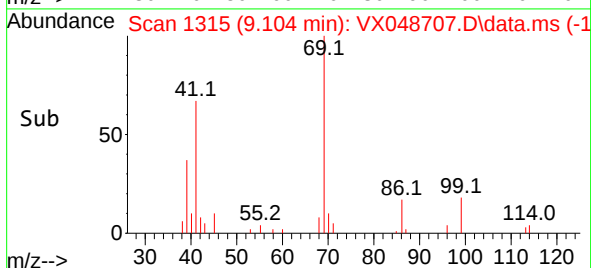
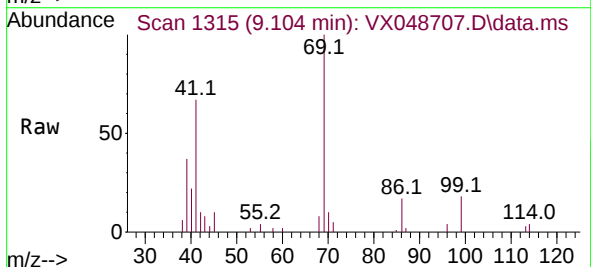
Manual Integrations
APPROVED

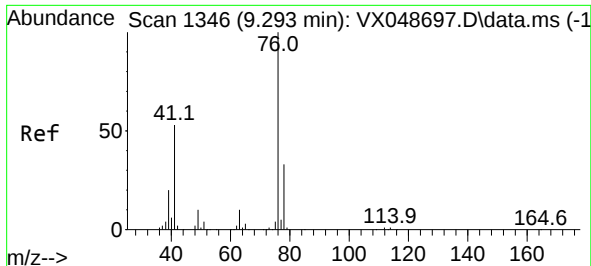
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 2.634 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.5	49.0	73.6
39	42.5	25.1	37.7





#57

1,3-Dichloropropane

Concen: 2.998 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

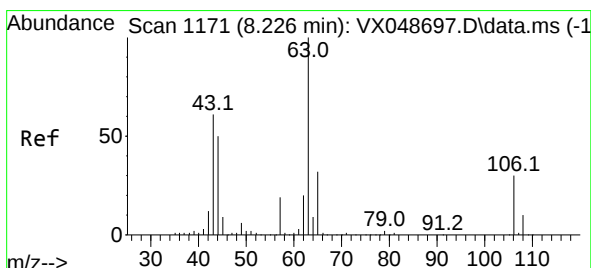
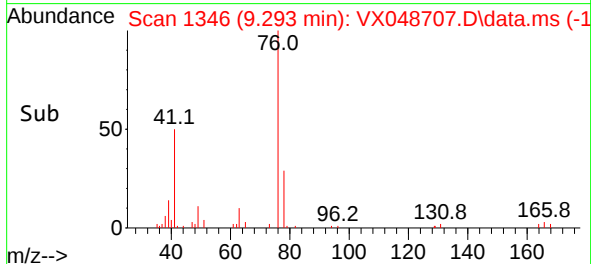
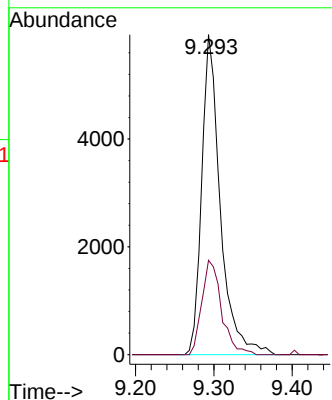
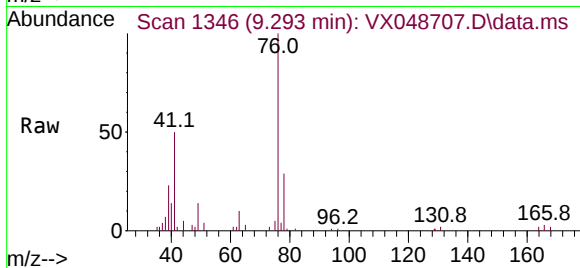
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 9764
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 14.277 ug/l

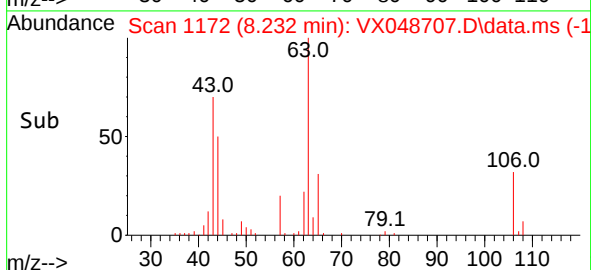
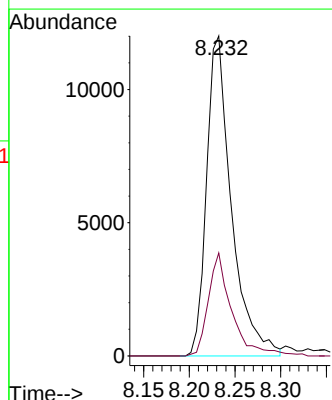
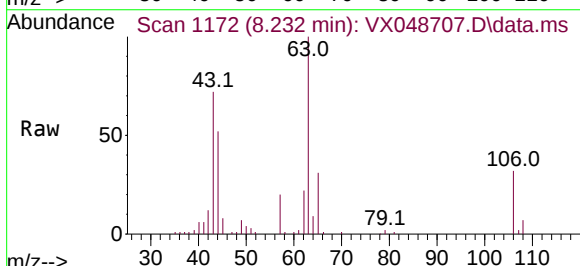
RT: 8.232 min Scan# 1172

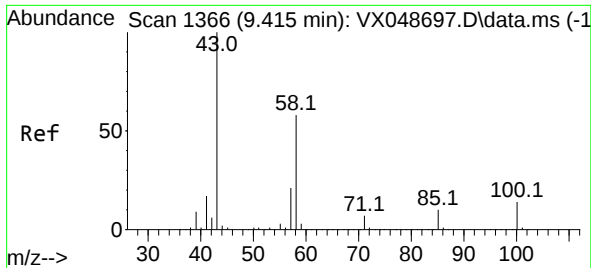
Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

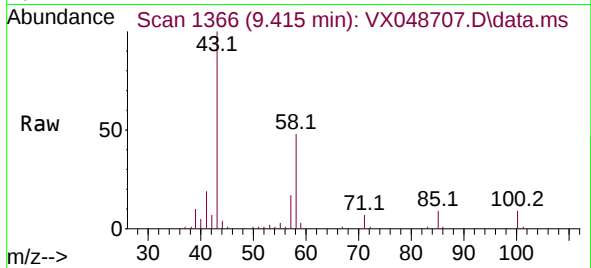
Tgt Ion: 63 Resp: 22712
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.6 37.0





#59
2-Hexanone
Concen: 14.200 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

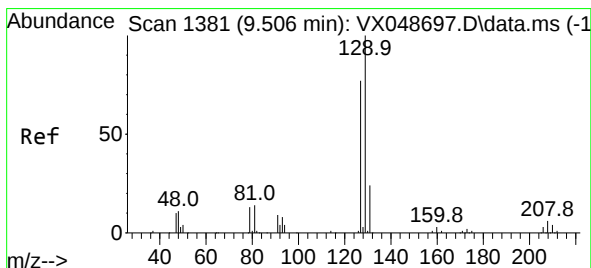
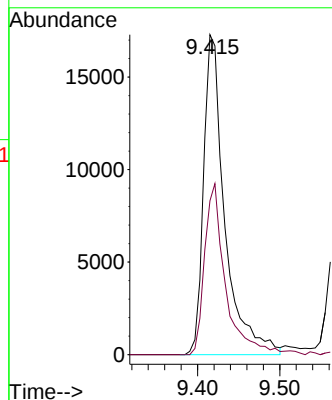
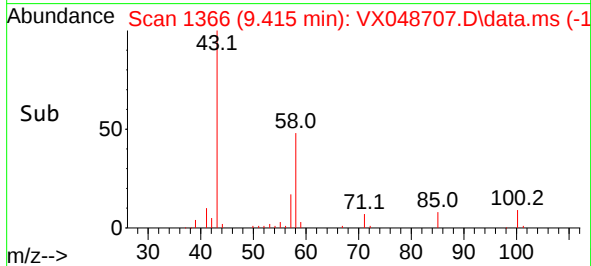
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 3098
Ion Ratio Lower Upper
43 100
58 53.0 28.8 86.5

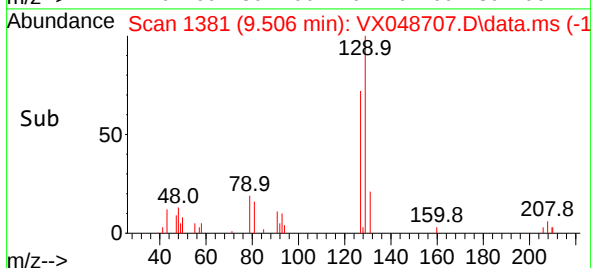
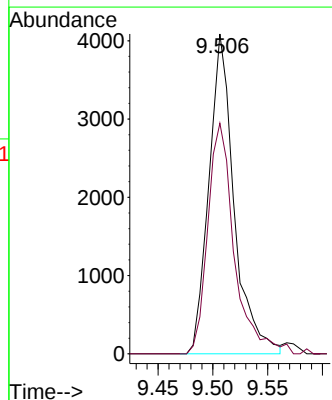
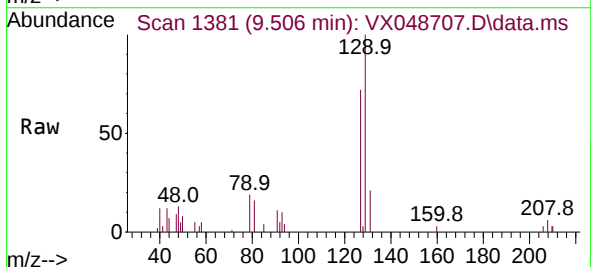
Manual Integrations
APPROVED

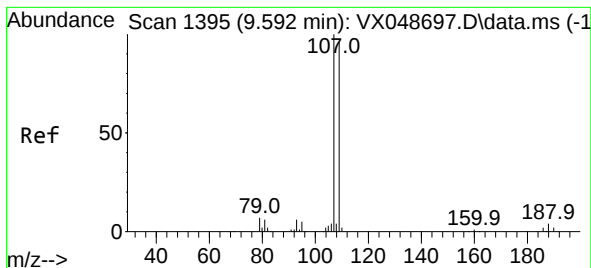
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 2.704 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:129 Resp: 6528
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9





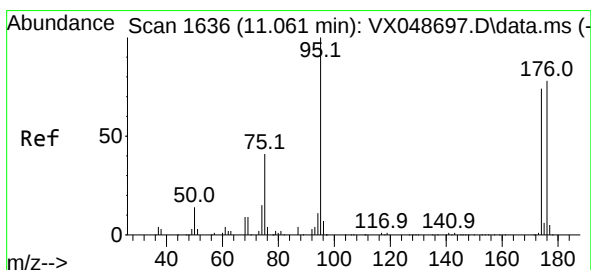
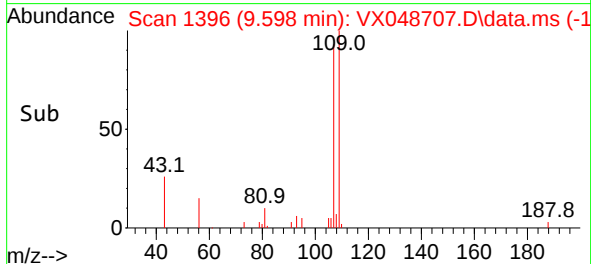
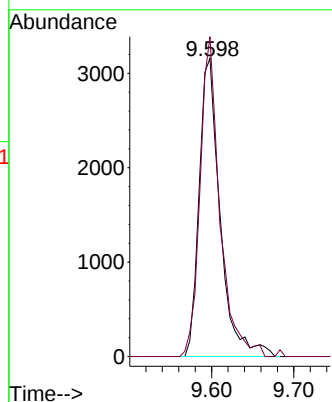
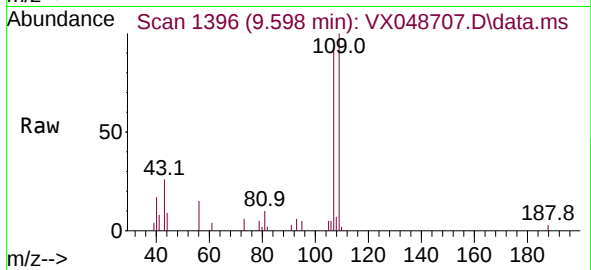
#61
1,2-Dibromoethane
Concen: 2.613 ug/l
RT: 9.598 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:107 Resp: 559
Ion Ratio Lower Upper
107 100
109 100.8 75.5 113.3

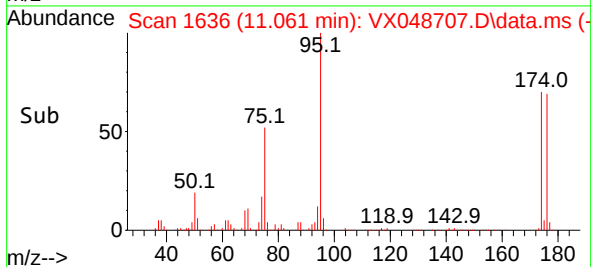
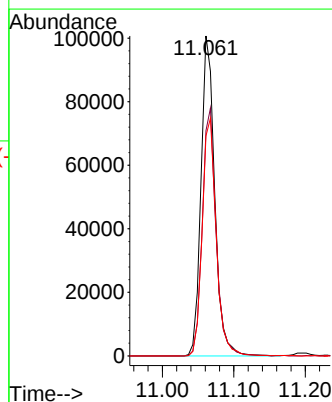
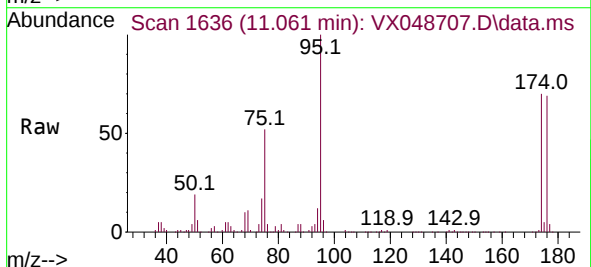
Manual Integrations
APPROVED

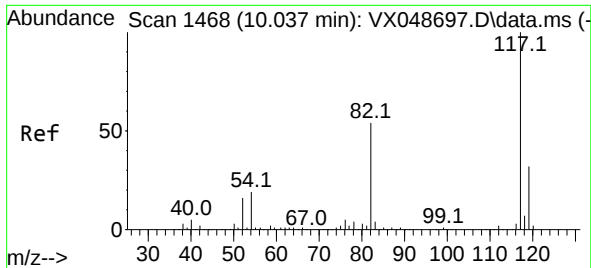
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 53.129 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

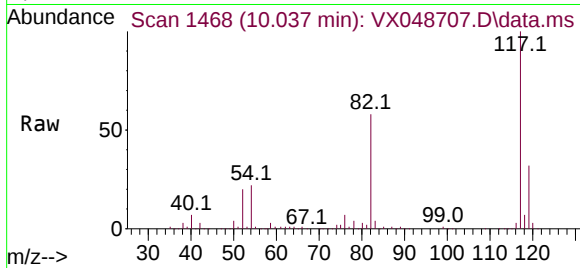
Tgt Ion: 95 Resp: 133929
Ion Ratio Lower Upper
95 100
174 77.3 0.0 164.6
176 76.0 0.0 163.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

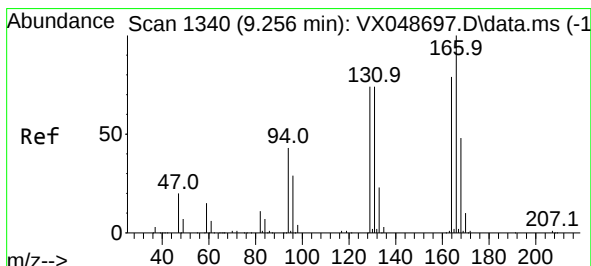
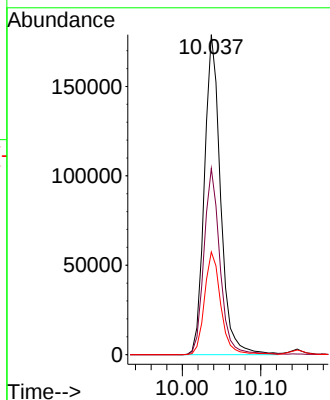
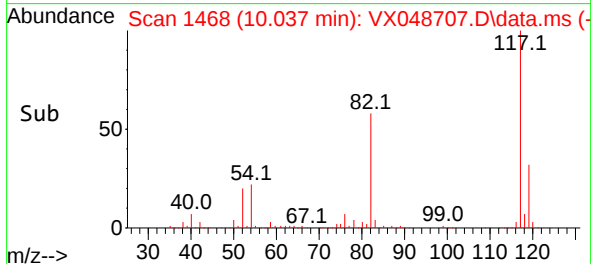
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:117 Resp: 257492
Ion Ratio Lower Upper
117 100
82 58.2 42.9 64.3
119 32.1 25.3 37.9

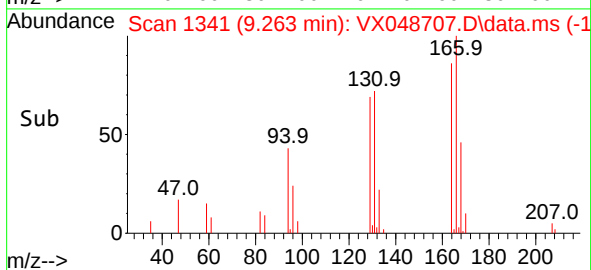
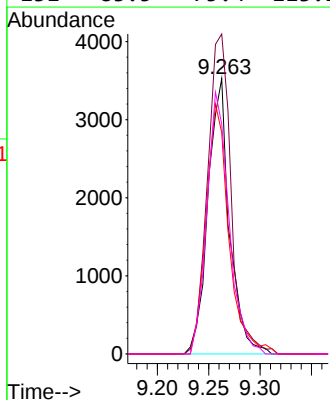
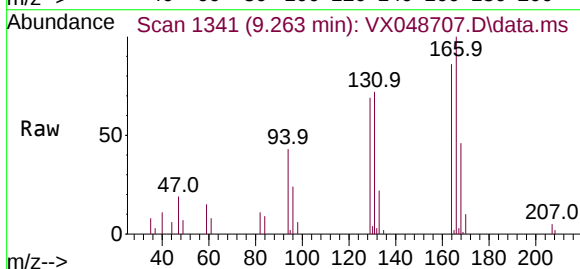
Manual Integrations
APPROVED

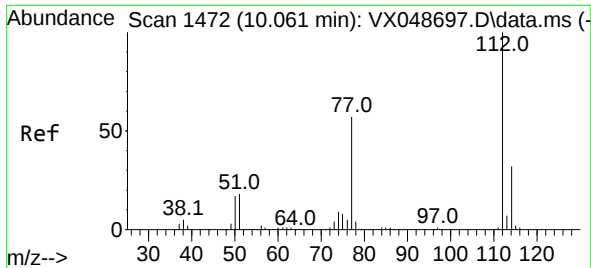
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 2.903 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:164 Resp: 5134
Ion Ratio Lower Upper
164 100
166 116.2 101.4 152.2
129 80.4 75.5 113.3
131 83.5 75.4 113.2





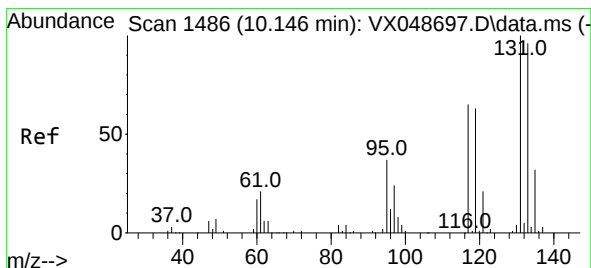
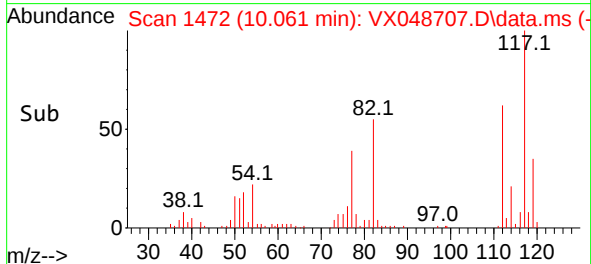
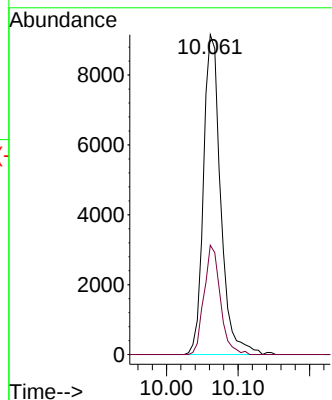
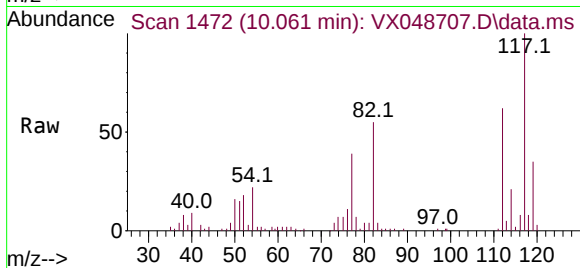
#65
Chlorobenzene
Concen: 2.808 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:112 Resp: 15318
Ion Ratio Lower Upper
112 100
114 34.2 25.6 38.4

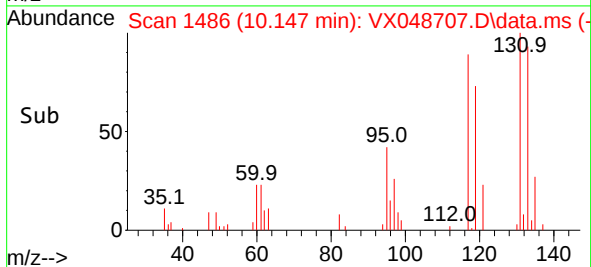
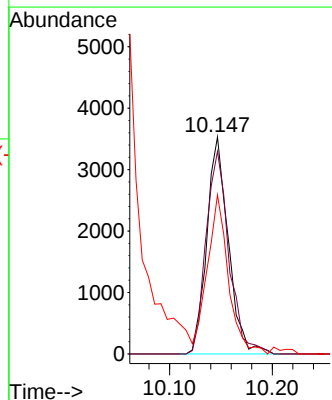
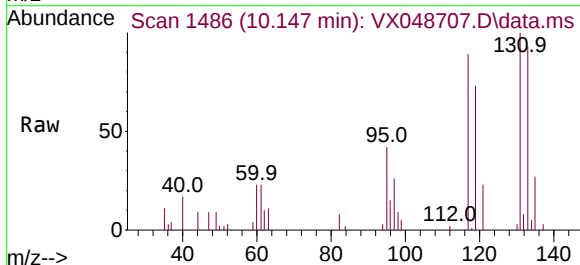
Manual Integrations
APPROVED

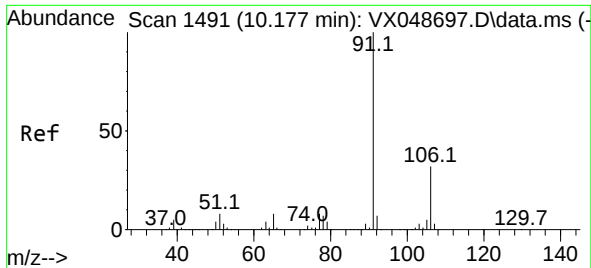
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.716 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

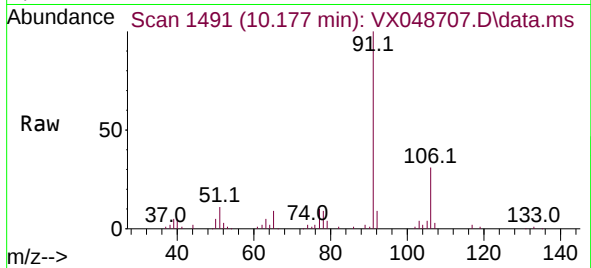
Tgt Ion:131 Resp: 5154
Ion Ratio Lower Upper
131 100
133 98.8 48.0 144.0
119 71.4 32.1 96.5





#67
Ethyl Benzene
Concen: 2.860 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

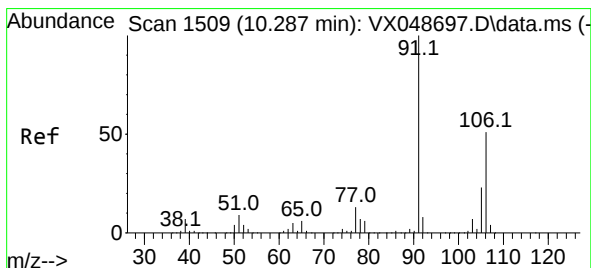
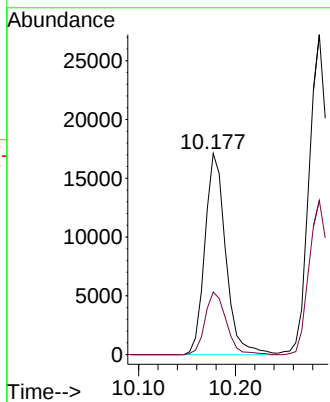
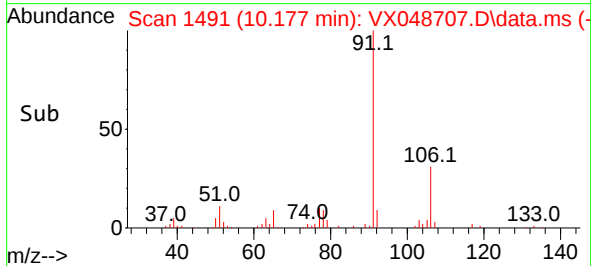
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



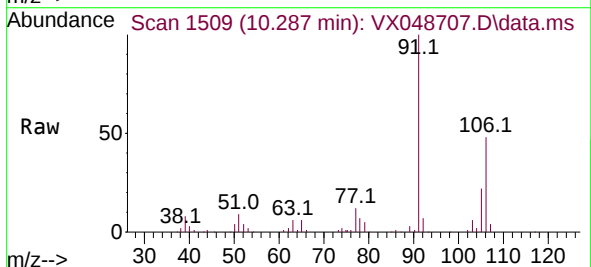
Tgt Ion: 91 Resp: 25628
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

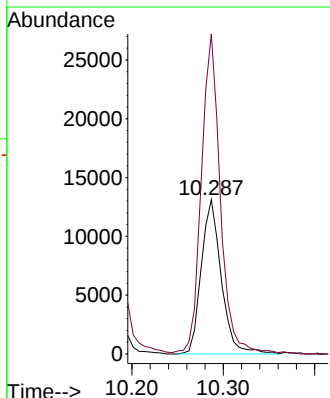
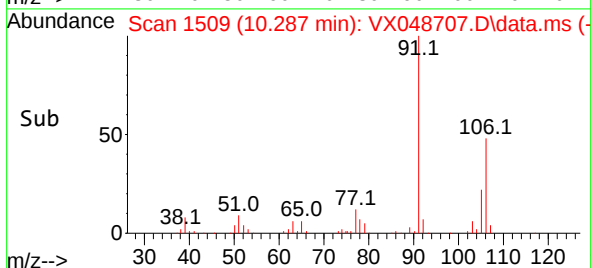
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

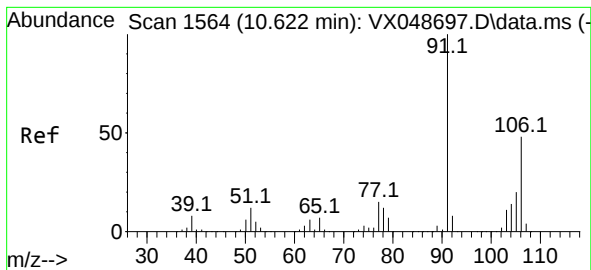


#68
m/p-Xylenes
Concen: 5.768 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



Tgt Ion:106 Resp: 19910
Ion Ratio Lower Upper
106 100
91 198.5 161.0 241.6





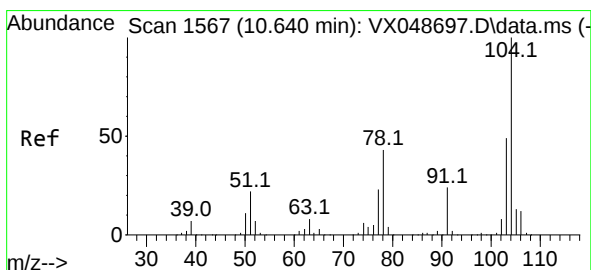
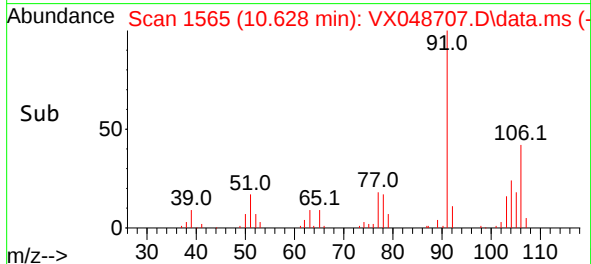
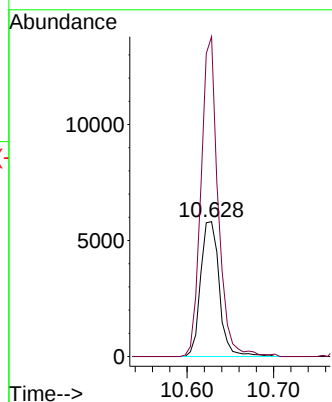
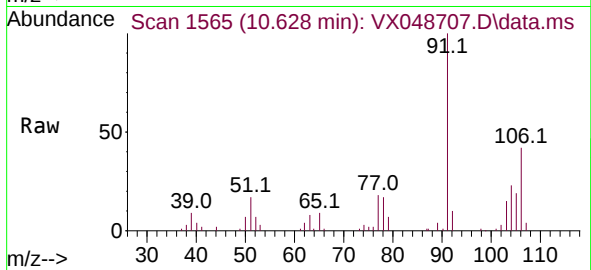
#69
o-Xylene
Concen: 2.631 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 8749
Ion Ratio Lower Upper
106 100
91 216.5 106.1 318.3

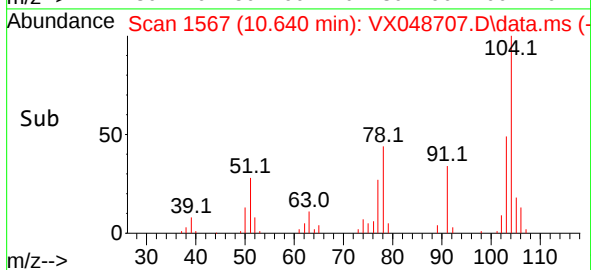
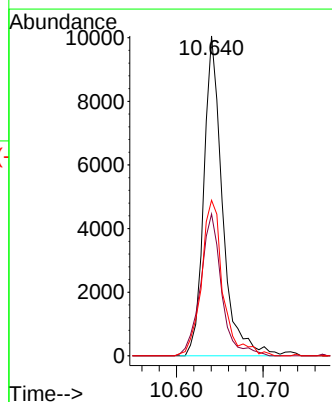
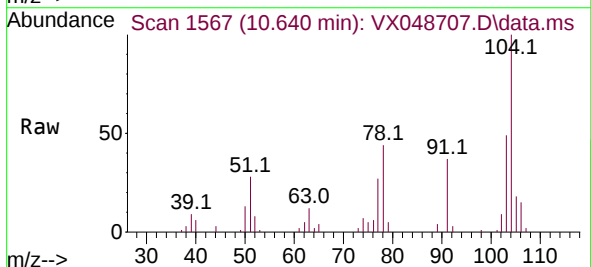
Manual Integrations
APPROVED

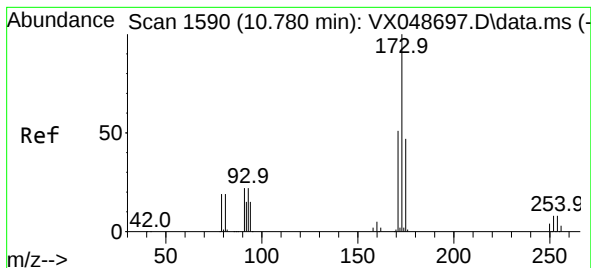
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 2.700 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:104 Resp: 15090
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 55.8 43.0 64.4





#71

Bromoform

Concen: 2.644 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

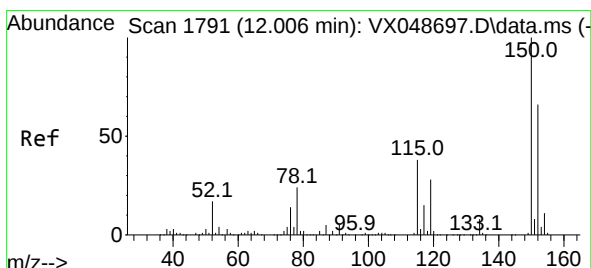
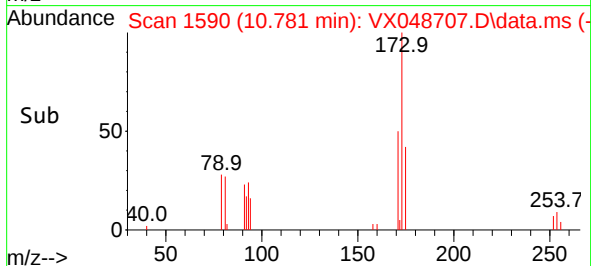
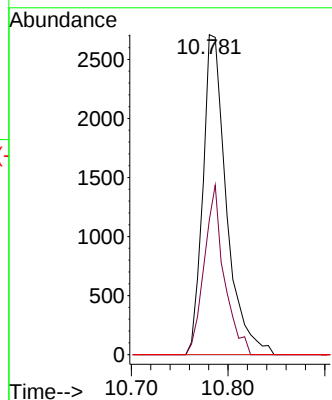
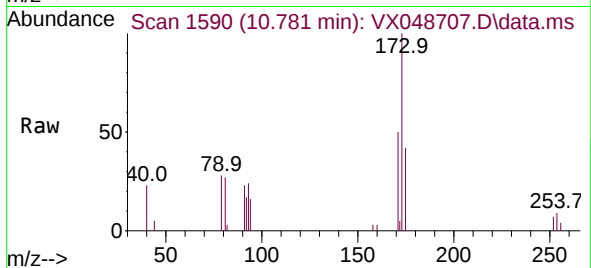
Tgt Ion:173	Resp:	457
Ion Ratio	Lower	Upper
173	100	
175	45.0	24.3 72.8
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

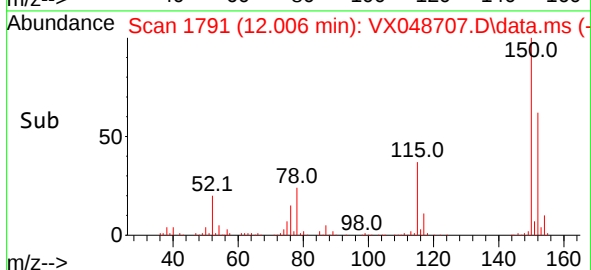
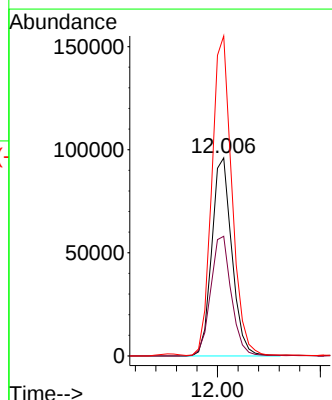
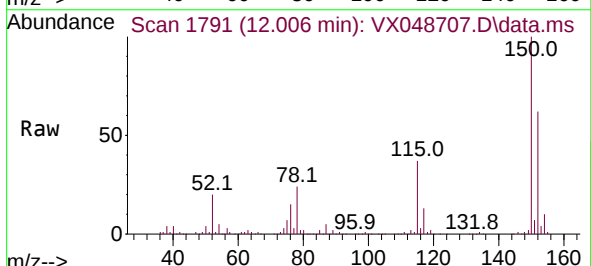
RT: 12.006 min Scan# 1791

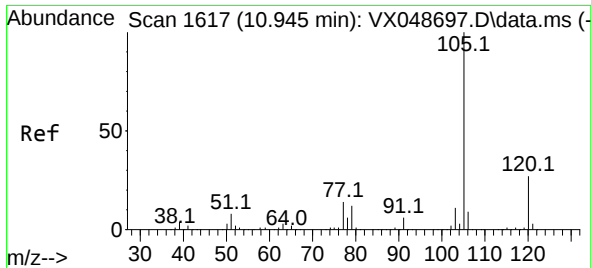
Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

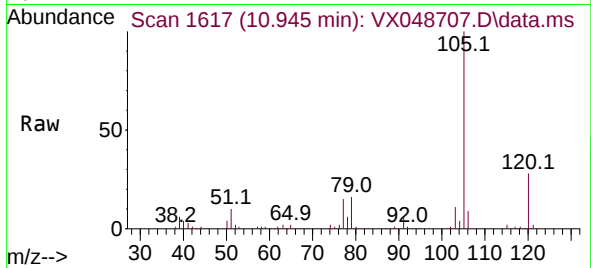
Tgt Ion:152	Resp:	130329
Ion Ratio	Lower	Upper
152	100	
115	62.3	39.6 119.0
150	161.2	0.0 345.4





#73
Isopropylbenzene
Concen: 2.683 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

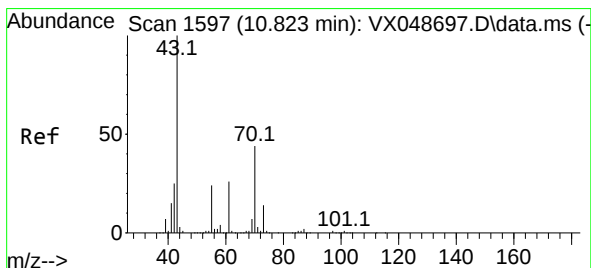
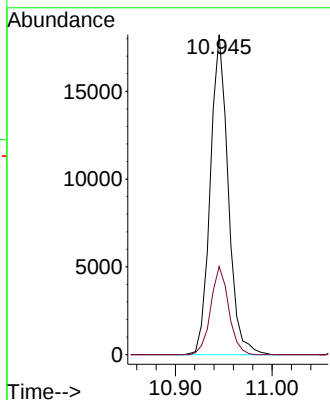
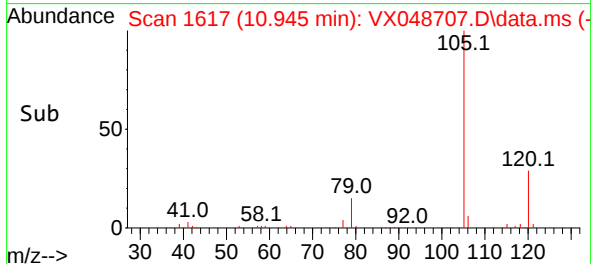
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



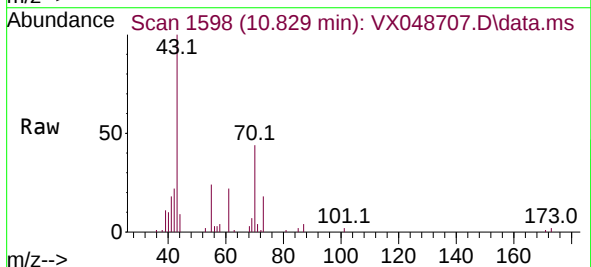
Tgt Ion:105 Resp: 23374
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

Manual Integrations
APPROVED

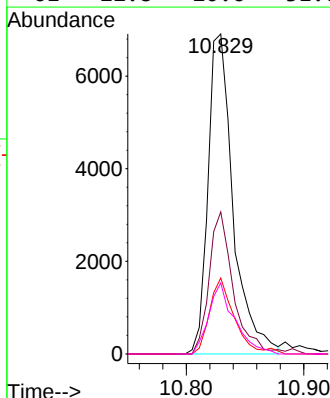
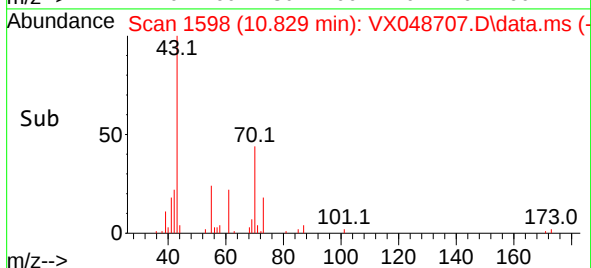
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

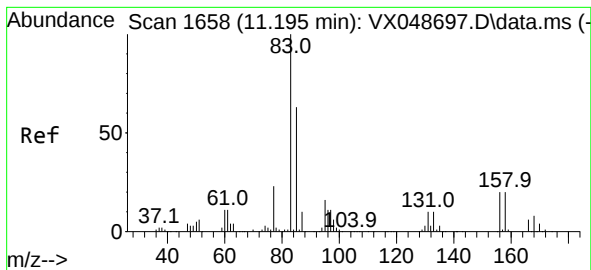


#74
N-ethyl acetate
Concen: 2.615 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



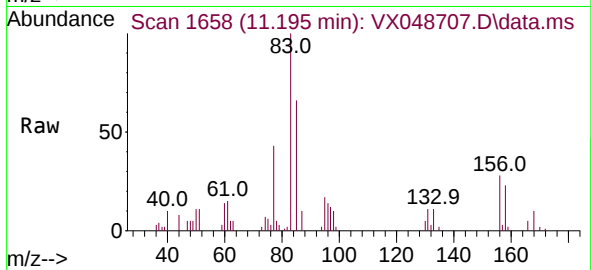
Tgt Ion: 43 Resp: 10282
Ion Ratio Lower Upper
43 100
70 43.3 37.0 55.6
55 23.5 20.0 30.0
61 22.8 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 2.675 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

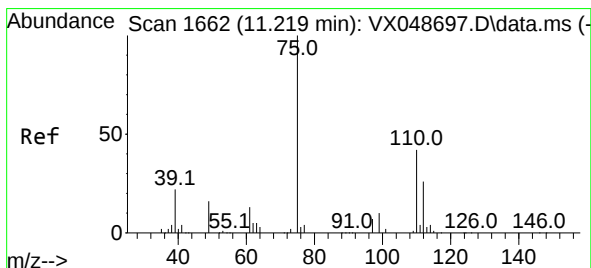
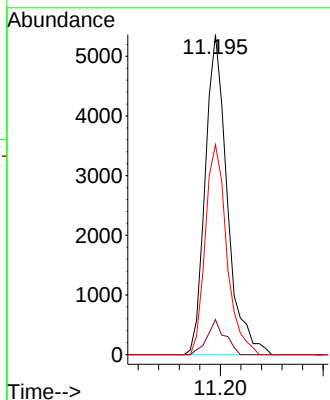
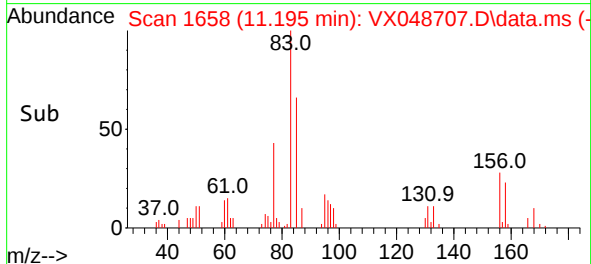
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



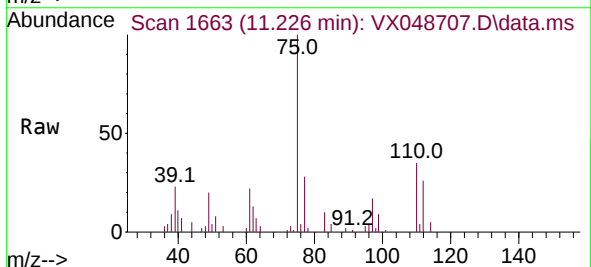
Tgt Ion: 83 Resp: 797
Ion Ratio Lower Upper
83 100
131 8.9 5.3 16.1
85 63.8 32.0 96.0

Manual Integrations
APPROVED

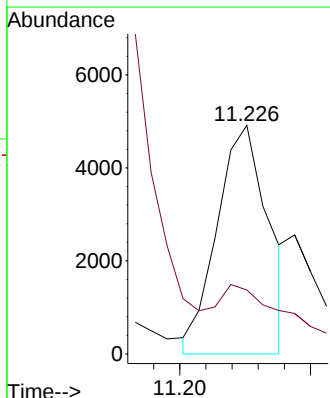
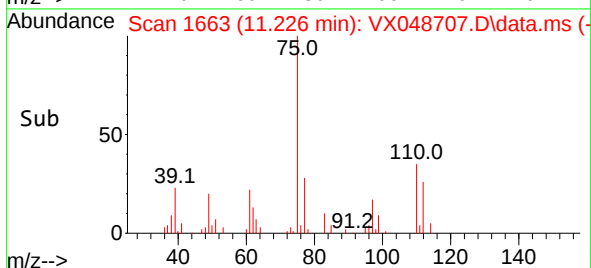
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

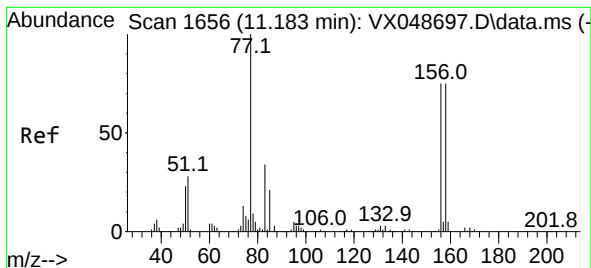


#76
1,2,3-Trichloropropane
Concen: 2.551 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



Tgt Ion: 75 Resp: 6680
Ion Ratio Lower Upper
75 100
77 45.3 19.0 57.0





#77

Bromobenzene

Concen: 2.649 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

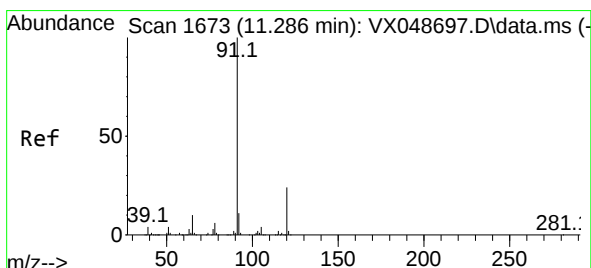
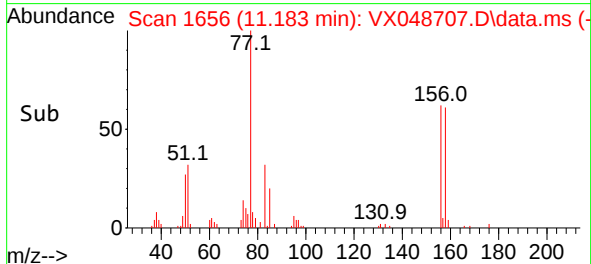
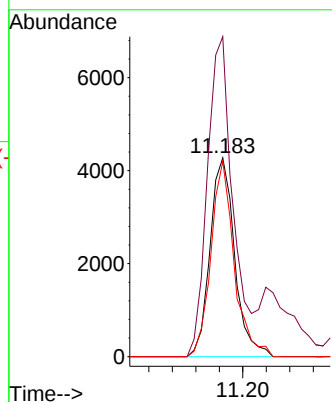
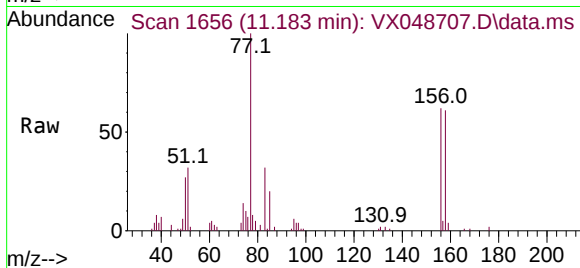
Tgt Ion:	156	Resp:	6219
Ion Ratio	Lower	Upper	
156	100		
77	165.8	74.9	224.6
158	93.0	49.5	148.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 2.776 ug/l

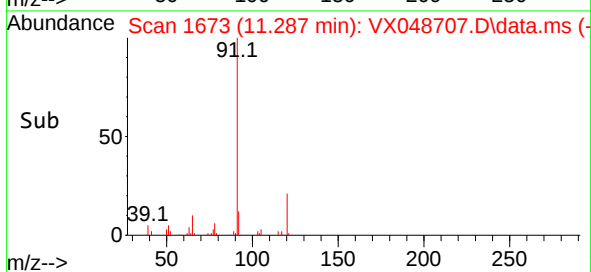
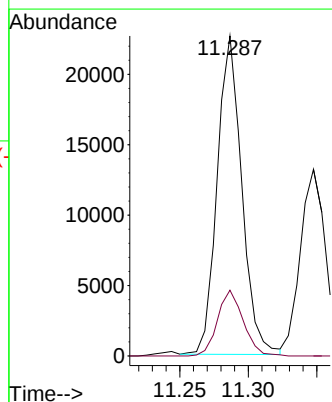
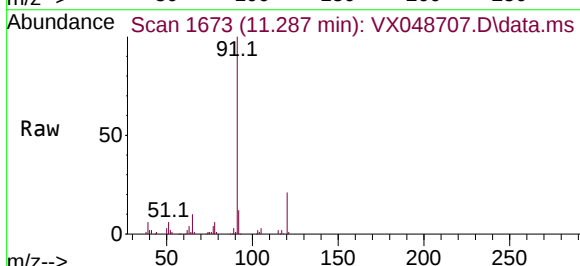
RT: 11.287 min Scan# 1673

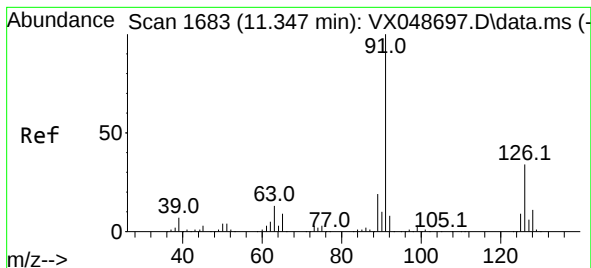
Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Tgt Ion:	91	Resp:	28315
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.9	35.7





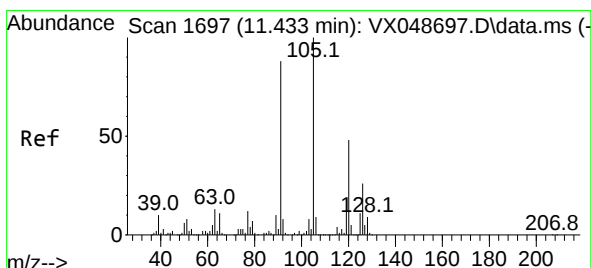
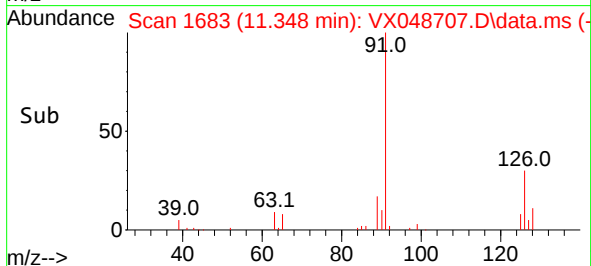
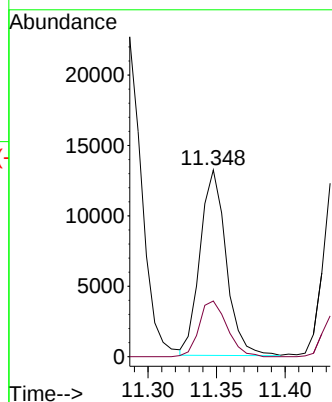
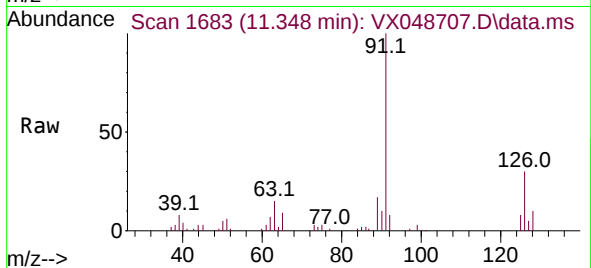
#79
2-Chlorotoluene
Concen: 2.823 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 17503
Ion Ratio Lower Upper
91 100
126 31.9 17.1 51.2

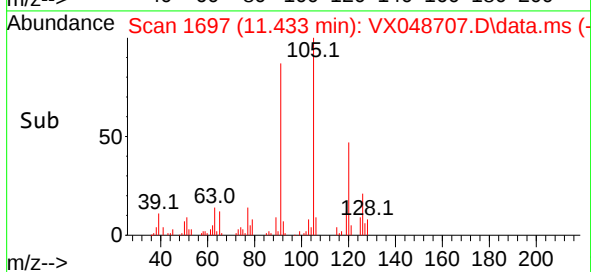
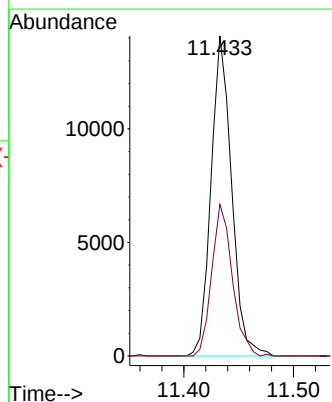
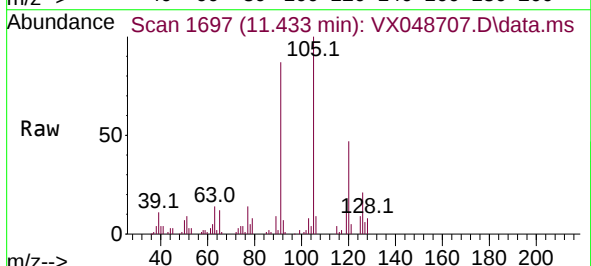
Manual Integrations
APPROVED

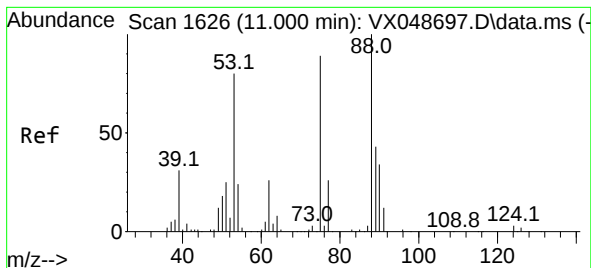
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.580 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

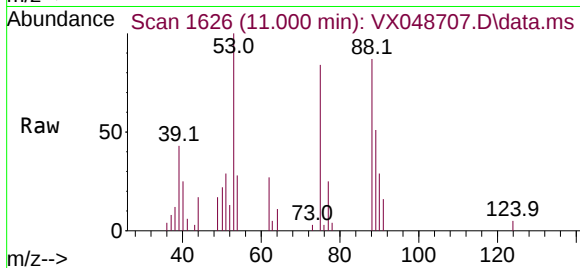
Tgt Ion:105 Resp: 18381
Ion Ratio Lower Upper
105 100
120 47.4 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.263 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

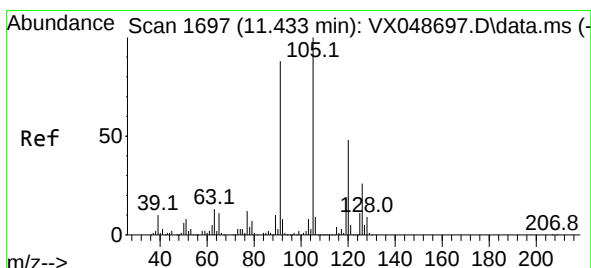
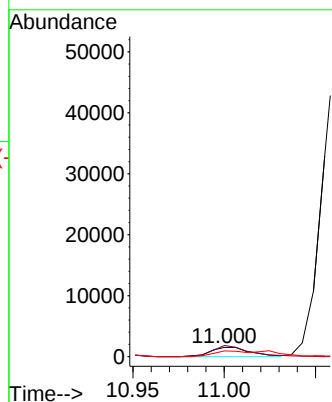
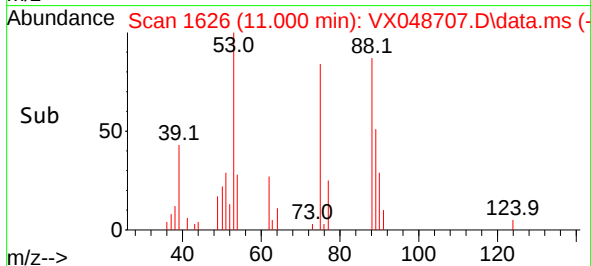
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
53 109.9 74.8 112.2
89 49.6 0.0 0.0

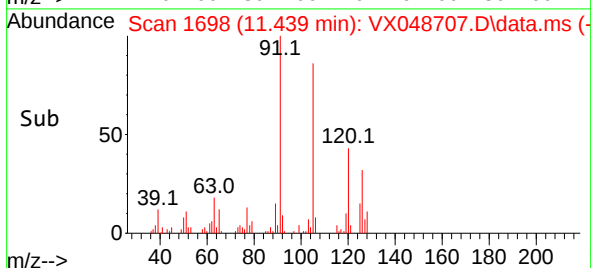
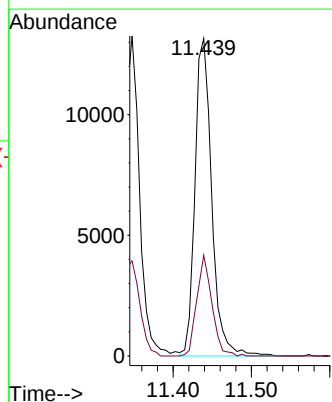
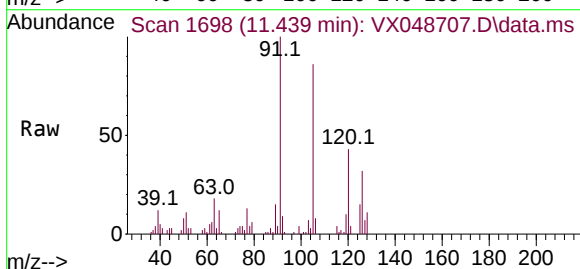
Manual Integrations
APPROVED

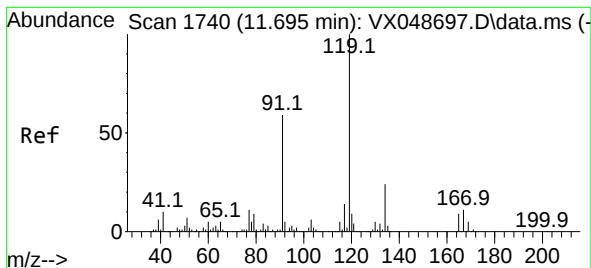
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 2.699 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion: 91 Resp: 19460
Ion Ratio Lower Upper
91 100
126 28.7 15.4 46.1





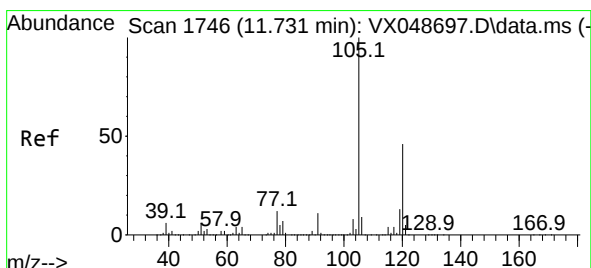
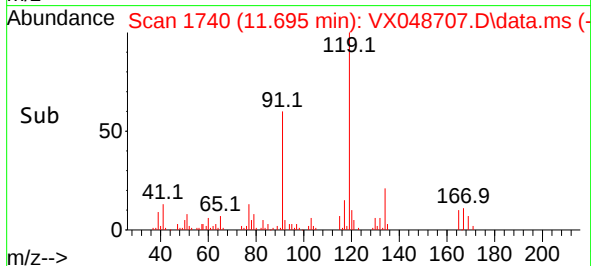
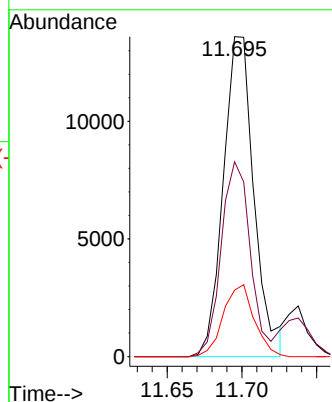
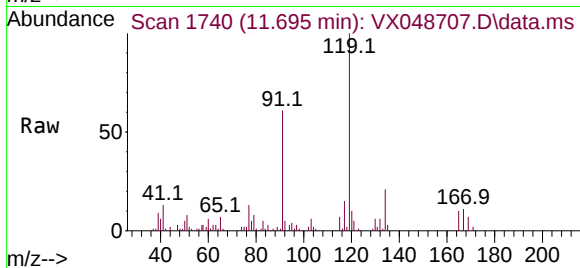
#83
tert-Butylbenzene
Concen: 2.641 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:119 Resp: 19515
Ion Ratio Lower Upper
119 100
91 57.9 27.4 82.0
134 22.7 11.4 34.1

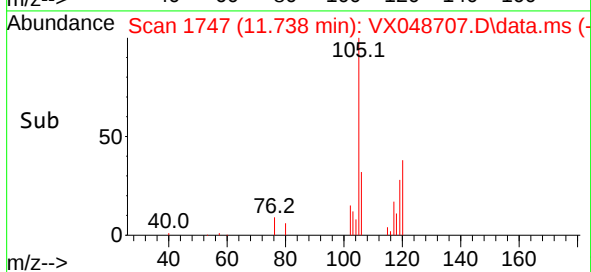
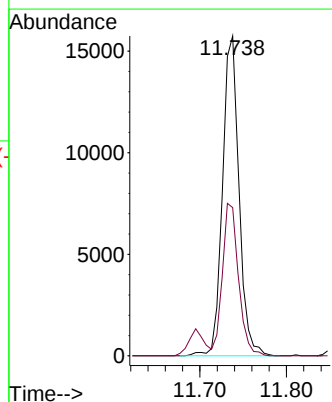
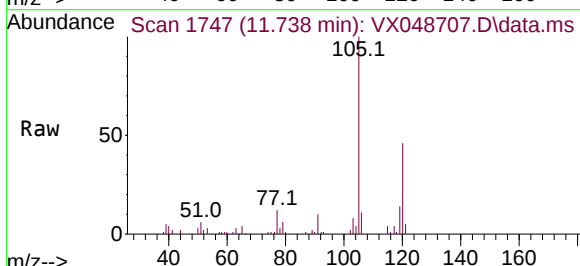
Manual Integrations
APPROVED

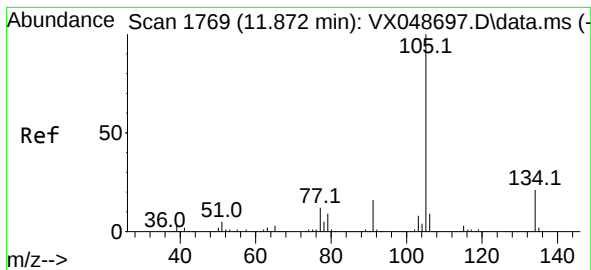
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.937 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:105 Resp: 20843
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.8





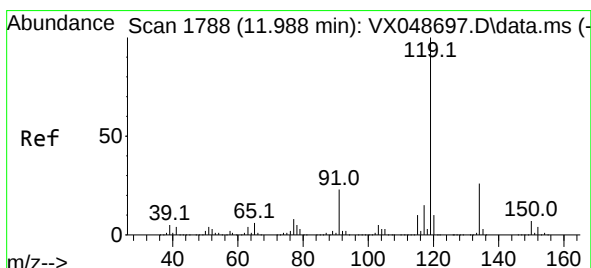
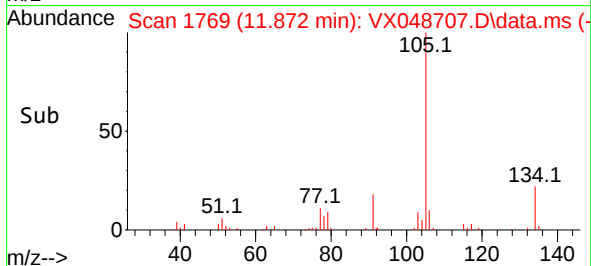
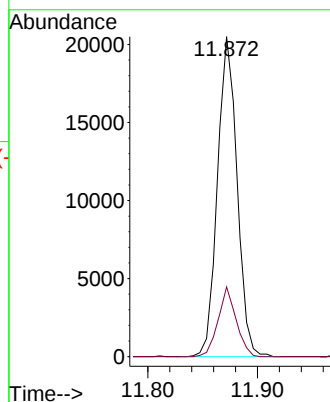
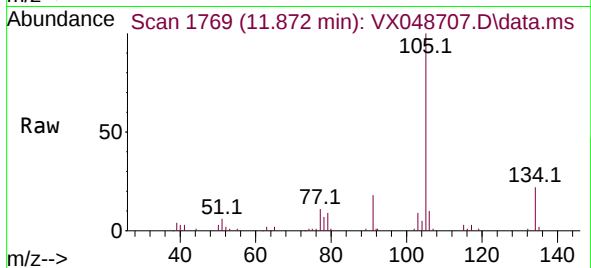
#85
 sec-Butylbenzene
 Concen: 2.845 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 25452
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

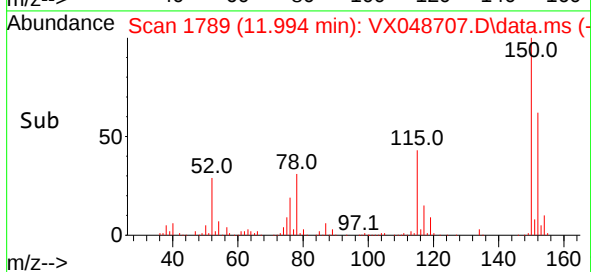
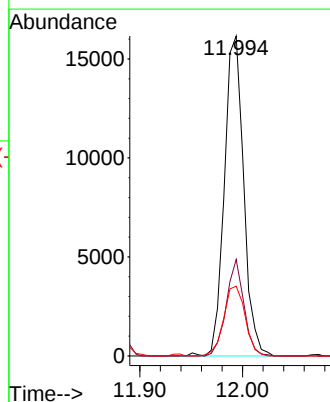
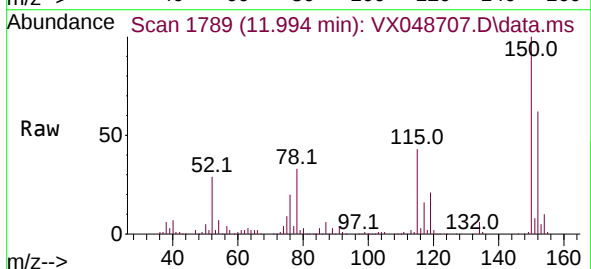
Manual Integrations
 APPROVED

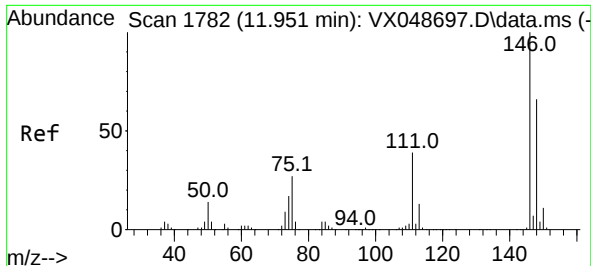
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#86
 p-Isopropyltoluene
 Concen: 2.858 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048707.D
 Acq: 03 Dec 2025 15:48

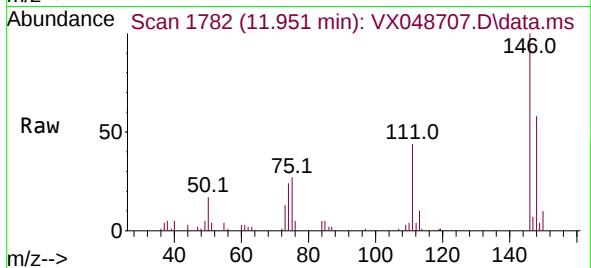
Tgt Ion:119 Resp: 21123
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.6
 91 24.2 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 2.765 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

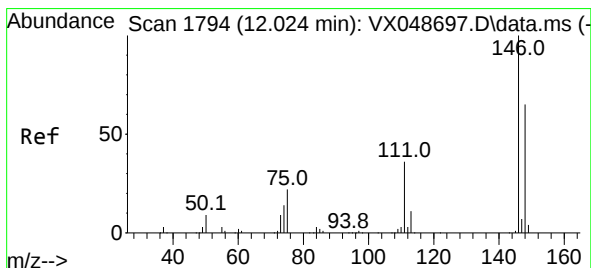
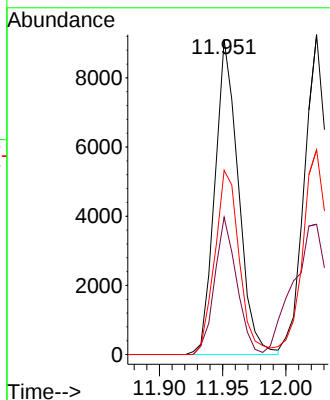
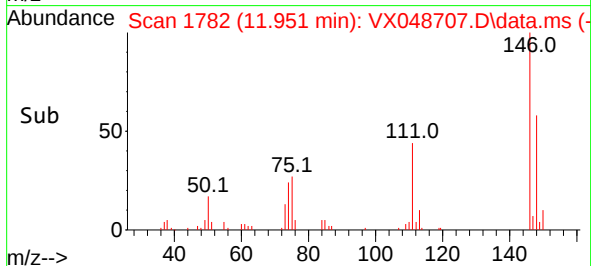
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



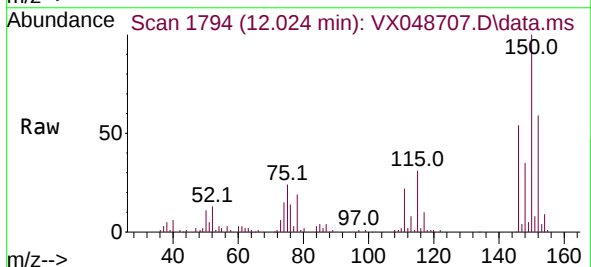
Tgt Ion:146 Resp: 11812
Ion Ratio Lower Upper
146 100
111 41.0 19.8 59.4
148 61.1 32.4 97.0

Manual Integrations
APPROVED

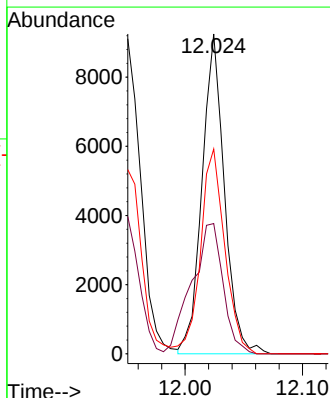
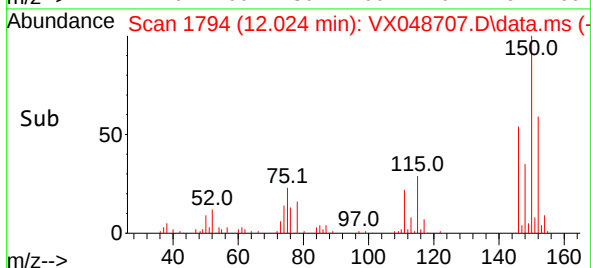
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

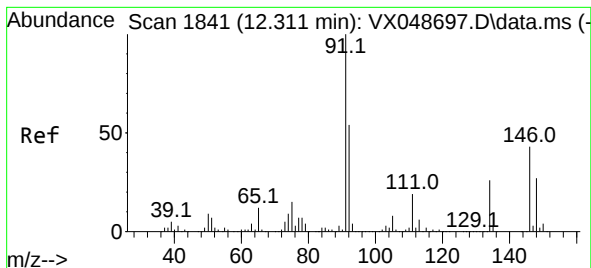


#88
1,4-Dichlorobenzene
Concen: 2.810 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



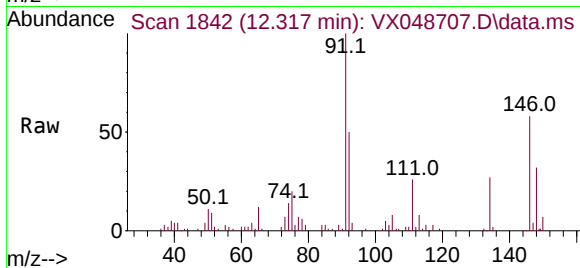
Tgt Ion:146 Resp: 12254
Ion Ratio Lower Upper
146 100
111 57.1 19.5 58.5
148 69.4 32.6 98.0





#89
n-Butylbenzene
Concen: 2.859 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

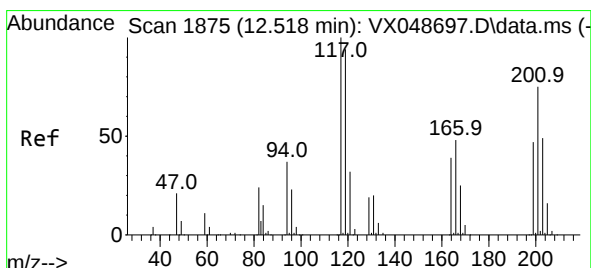
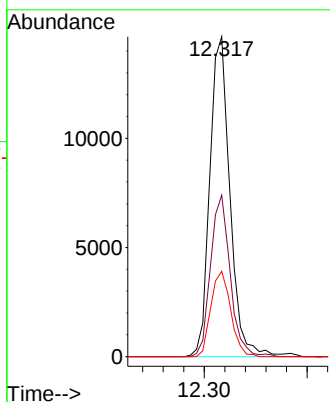
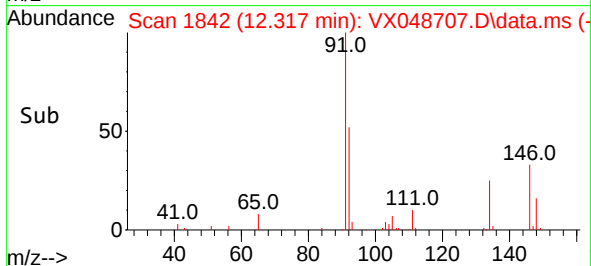
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 91 Resp: 19903
Ion Ratio Lower Upper
91 100
92 49.5 27.0 81.0
134 26.3 13.2 39.6

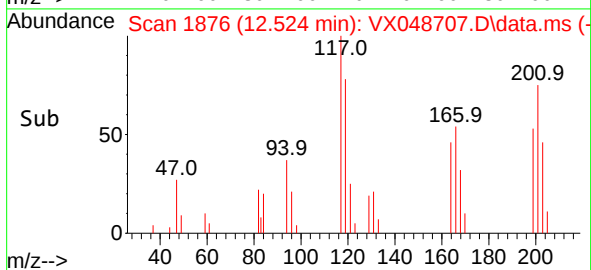
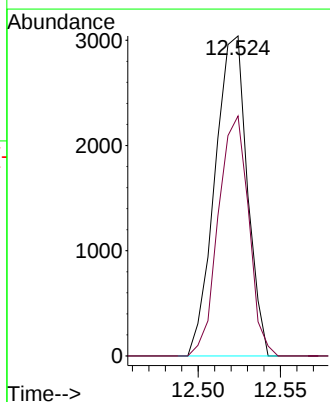
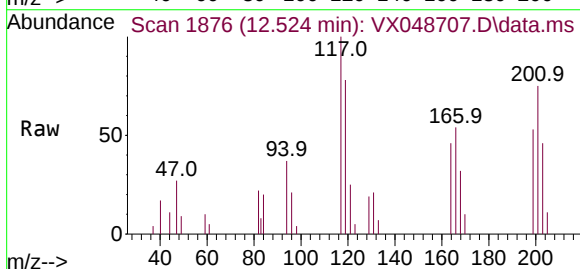
Manual Integrations
APPROVED

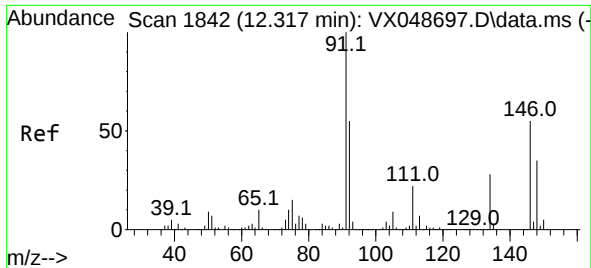
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 2.794 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

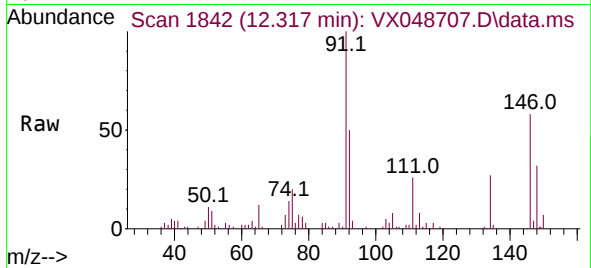
Tgt Ion:117 Resp: 4157
Ion Ratio Lower Upper
117 100
201 70.3 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 2.798 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

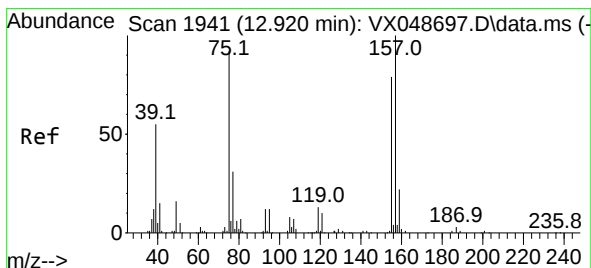
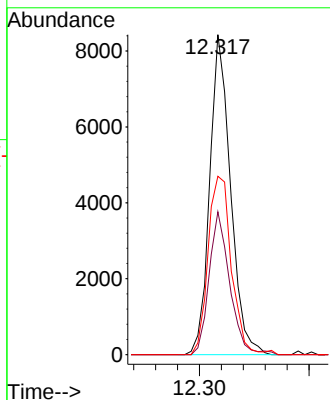
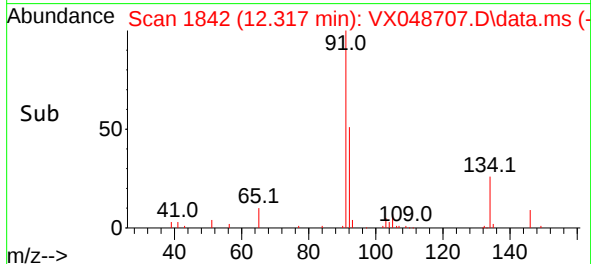
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



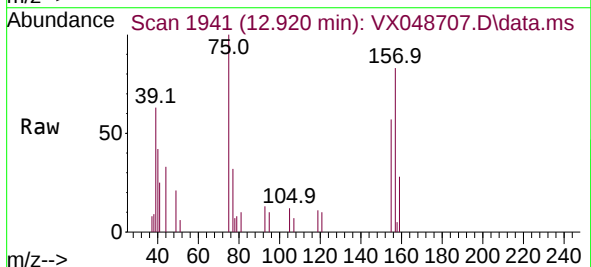
Tgt Ion:146 Resp: 1113
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.8
148 62.6 32.1 96.5

Manual Integrations
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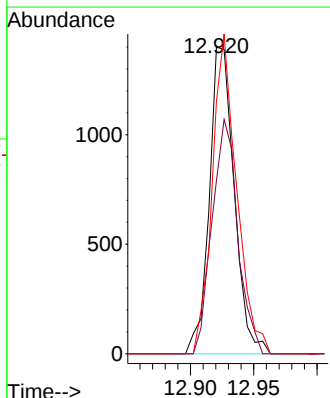
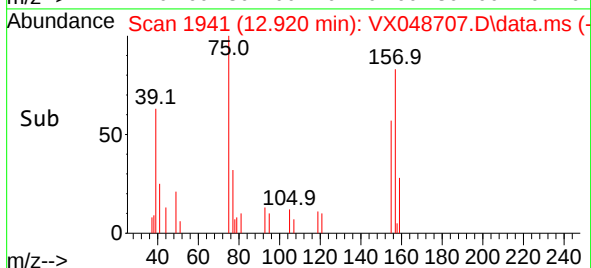
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

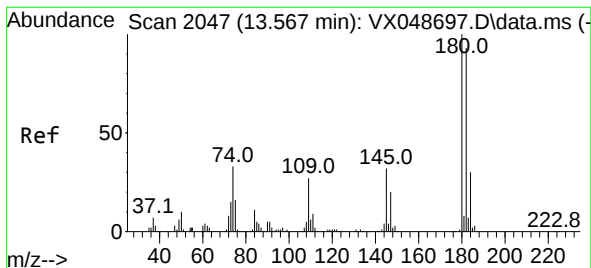


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.833 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48



Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
155 78.5 46.7 140.1
157 102.2 58.7 176.1





#93

1,2,4-Trichlorobenzene

Concen: 2.640 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

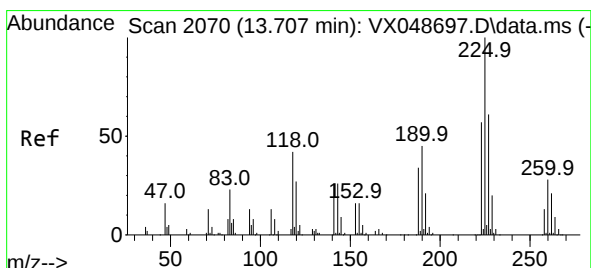
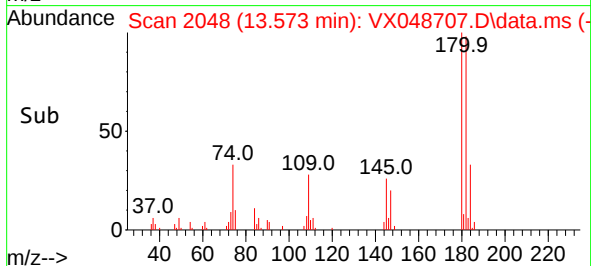
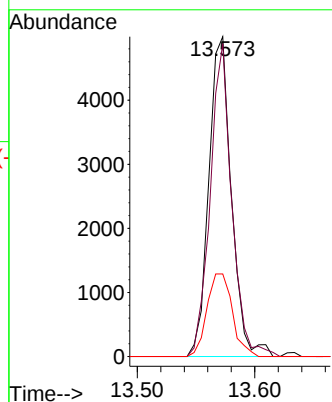
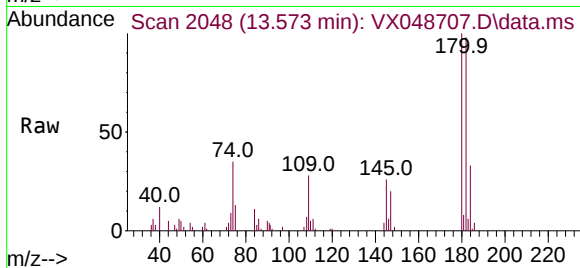
Tgt Ion:180	Resp:	668
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.8 143.3
145	29.0	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 3.187 ug/l

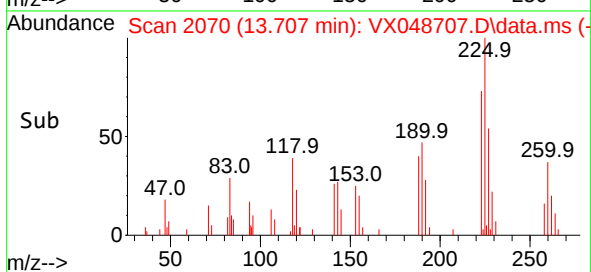
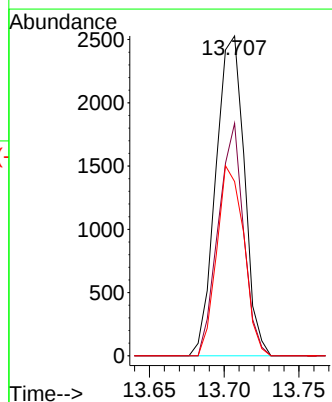
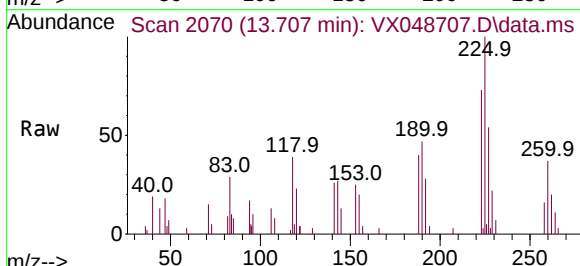
RT: 13.707 min Scan# 2070

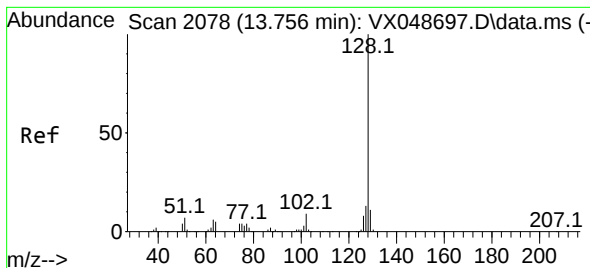
Delta R.T. 0.000 min

Lab File: VX048707.D

Acq: 03 Dec 2025 15:48

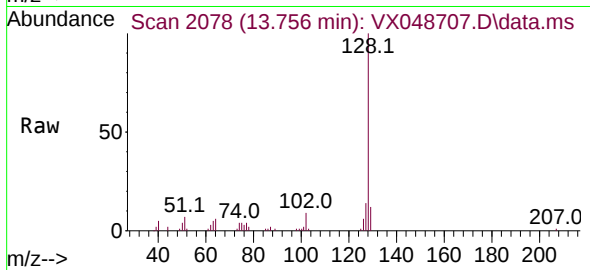
Tgt Ion:225	Resp:	3361
Ion Ratio	Lower	Upper
225	100	
223	64.1	31.6 95.0
227	56.6	31.6 94.7





#95
Naphthalene
Concen: 2.453 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

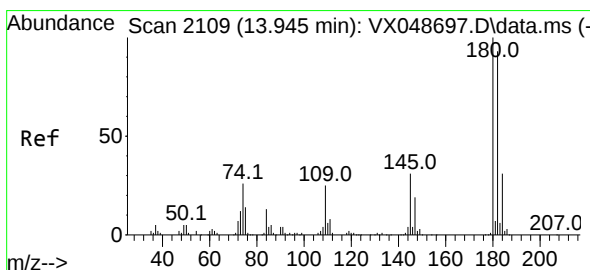
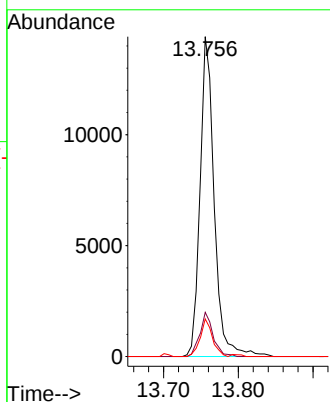
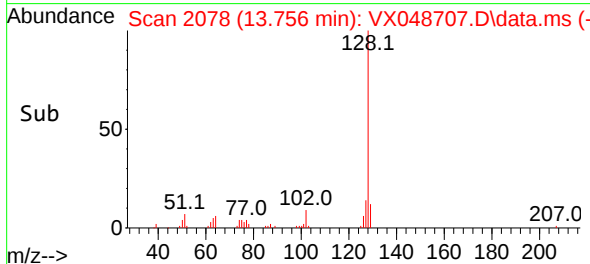
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 18964
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.583 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VX048707.D
Acq: 03 Dec 2025 15:48

Tgt Ion:180 Resp: 6039
Ion Ratio Lower Upper
180 100
182 98.5 47.8 143.4
145 30.0 16.8 50.4

