

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048578.D
 Acq On : 12 Nov 2025 15:05
 Operator : JC/MD
 Sample : Q2893-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 14 00:33:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	182202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	304522	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	281055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	110125	43.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.760%
35) Dibromofluoromethane	5.373	113	92090	39.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.920%
50) Toluene-d8	8.635	98	332301	46.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.061	95	131896	49.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	222	0.150	ug/l	84
3) Chloromethane	1.307	50	397	0.203	ug/l #	80
4) Vinyl Chloride	1.380	62	306	0.138	ug/l	92
5) Bromomethane	1.618	94	484	0.346	ug/l #	61
6) Chloroethane	1.703	64	197	0.136	ug/l #	42
7) Trichlorofluoromethane	1.898	101	457	0.130	ug/l #	58
8) Diethyl Ether	2.142	74	172	0.122	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.337	101	285	0.140	ug/l #	62
10) Methyl Iodide	2.465	142	1000	0.333	ug/l	95
11) Tert butyl alcohol	2.928	59	212	0.441	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	320	0.151	ug/l #	44
13) Acrolein	2.239	56	221	3.175	ug/l	84
14) Allyl chloride	2.666	41	691	0.175	ug/l #	83
15) Acrylonitrile	3.075	53	732	0.521	ug/l #	89
16) Acetone	2.380	43	1723	1.434	ug/l #	67
17) Carbon Disulfide	2.526	76	1134	0.190	ug/l #	83
18) Methyl Acetate	2.703	43	799	0.242	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	1149	0.153	ug/l #	54
20) Methylene Chloride	2.788	84	1094	0.443	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	314	0.140	ug/l	95
22) Diisopropyl ether	3.764	45	1101	0.145	ug/l #	90
23) Vinyl Acetate	3.739	43	3545	0.534	ug/l #	83
24) 1,1-Dichloroethane	3.605	63	587	0.141	ug/l #	82
25) 2-Butanone	4.562	43	1135	0.638	ug/l #	80
26) 2,2-Dichloropropane	4.471	77	242	0.068	ug/l #	70
27) cis-1,2-Dichloroethene	4.489	96	223	0.081	ug/l #	28
28) Bromochloromethane	4.885	49	128	0.063	ug/l #	96
29) Tetrahydrofuran	5.001	42	518	0.409	ug/l	93
30) Chloroform	5.086	83	744	0.173	ug/l	93
31) Cyclohexane	5.464	56	532	0.156	ug/l #	84
32) 1,1,1-Trichloroethane	5.373	97	453	0.121	ug/l #	25
36) 1,1-Dichloropropene	5.684	75	627	0.203	ug/l #	52
37) Ethyl Acetate	4.702	43	88	0.020	ug/l #	71
38) Carbon Tetrachloride	5.538	117	17938	5.106	ug/l #	16
39) Methylcyclohexane	7.360	83	583	0.168	ug/l #	71
40) Benzene	6.019	78	625	0.065	ug/l #	75

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	97	0.051	ug/l #	21
42) 1,2-Dichloroethane	6.074	62	410	0.125	ug/l #	73
43) Isopropyl Acetate	6.336	43	649	0.106	ug/l #	82
44) Trichloroethene	7.110	130	214	0.094	ug/l	92
45) 1,2-Dichloropropane	7.421	63	323	0.147	ug/l #	44
46) Dibromomethane	7.580	93	143	0.089	ug/l #	38
47) Bromodichloromethane	7.812	83	550	0.172	ug/l #	92
48) Methyl methacrylate	7.677	41	59	0.022	ug/l #	14
49) 1,4-Dioxane	7.671	88	19	0.459	ug/l #	23
51) 4-Methyl-2-Pentanone	8.561	43	2454	0.706	ug/l	95
52) Toluene	8.708	92	1006	0.200	ug/l	83
53) t-1,3-Dichloropropene	8.976	75	433	0.131	ug/l #	42
54) cis-1,3-Dichloropropene	8.360	75	439	0.129	ug/l	95
55) 1,1,2-Trichloroethane	9.141	97	301	0.150	ug/l #	94
56) Ethyl methacrylate	9.122	69	464	0.139	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	548	0.156	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.238	63	1419	0.788	ug/l	96
59) 2-Hexanone	9.433	43	1771	0.685	ug/l	97
60) Dibromochloromethane	9.512	129	451	0.183	ug/l	92
61) 1,2-Dibromoethane	9.604	107	290	0.133	ug/l	90
64) Tetrachloroethene	9.263	164	376	0.184	ug/l #	64
65) Chlorobenzene	10.061	112	1289	0.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.153	131	287	0.128	ug/l #	63
67) Ethyl Benzene	10.177	91	1852	0.165	ug/l #	76
68) m/p-Xylenes	10.287	106	1207	0.286	ug/l	96
69) o-Xylene	10.628	106	561	0.136	ug/l	88
70) Styrene	10.646	104	1021	0.147	ug/l	97
71) Bromoform	10.787	173	449	0.218	ug/l #	28
73) Isopropylbenzene	10.945	105	1513	0.145	ug/l	97
74) N-amyl acetate	10.835	43	557	0.107	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.195	83	503	0.137	ug/l #	77
76) 1,2,3-Trichloropropane	11.061	75	63782	18.478	ug/l #	30
77) Bromobenzene	11.183	156	489	0.182	ug/l	96
78) n-propylbenzene	11.287	91	1939	0.159	ug/l	89
79) 2-Chlorotoluene	11.348	91	1186	0.160	ug/l	86
80) 1,3,5-Trimethylbenzene	11.433	105	1496	0.176	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.061	75	63782	52.853	ug/l #	12
82) 4-Chlorotoluene	11.445	91	1267	0.146	ug/l	99
83) tert-Butylbenzene	11.695	119	1220	0.139	ug/l	95
84) 1,2,4-Trimethylbenzene	11.738	105	1538	0.180	ug/l	70
85) sec-Butylbenzene	11.872	105	1597	0.147	ug/l	90
86) p-Isopropyltoluene	11.994	119	1462	0.160	ug/l #	66
87) 1,3-Dichlorobenzene	11.957	146	864	0.172	ug/l	83
88) 1,4-Dichlorobenzene	11.957	146	864	0.166	ug/l	83
89) n-Butylbenzene	12.317	91	1925	0.225	ug/l	79
90) Hexachloroethane	12.518	117	322	0.185	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	831	0.172	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	12.939	75	88	0.103	ug/l	84
93) 1,2,4-Trichlorobenzene	13.567	180	523	0.163	ug/l #	81
94) Hexachlorobutadiene	13.707	225	215	0.160	ug/l	82
95) Naphthalene	13.762	128	1622	0.157	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.945	180	608	0.204	ug/l #	90

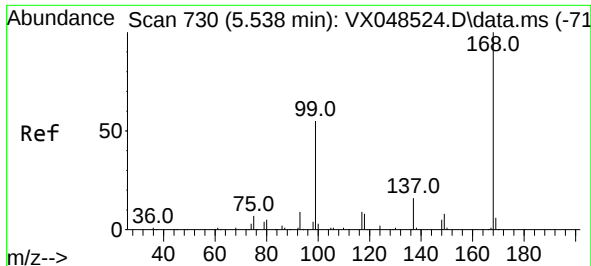
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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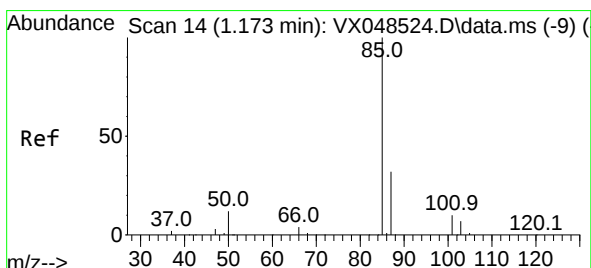
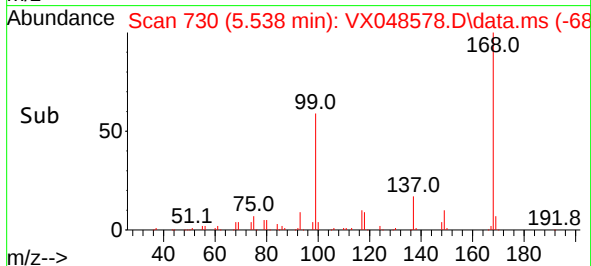
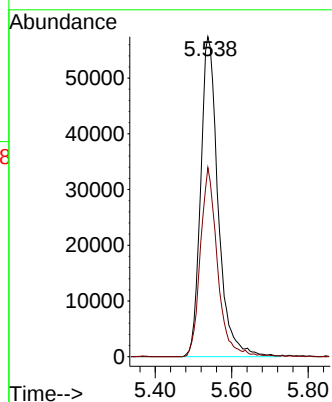
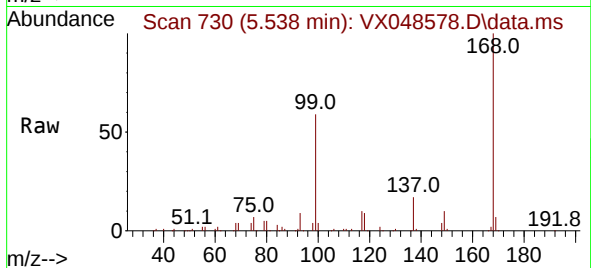
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
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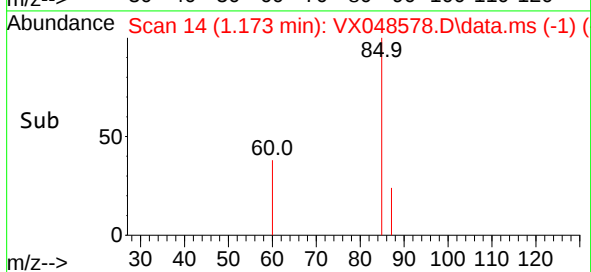
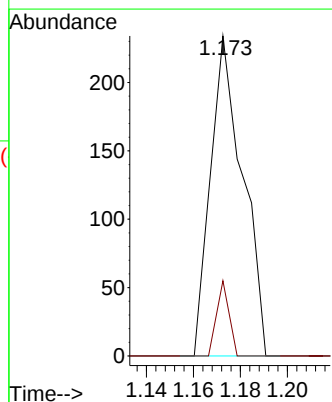
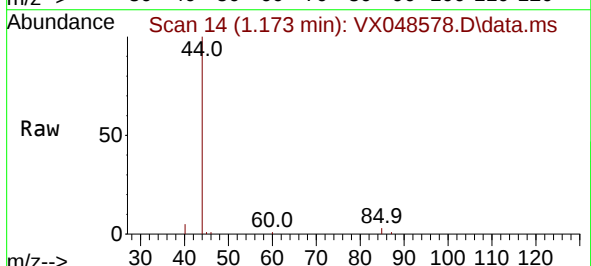
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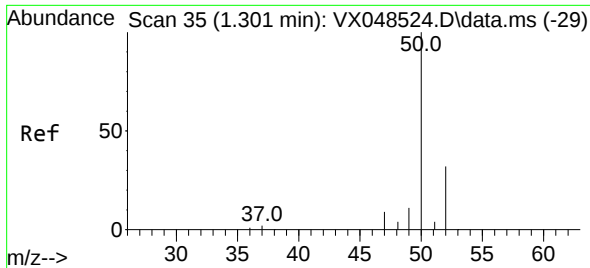
Tgt Ion:168 Resp: 182202
Ion Ratio Lower Upper
168 100
99 59.1 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 0.150 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 85 Resp: 222
Ion Ratio Lower Upper
85 100
87 23.5 16.2 48.6

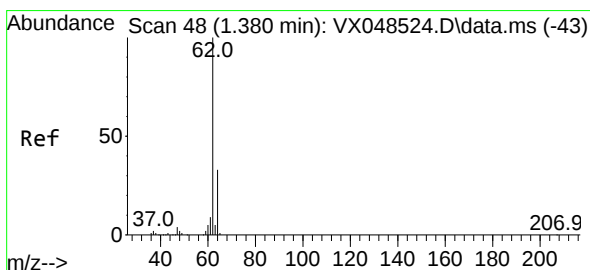
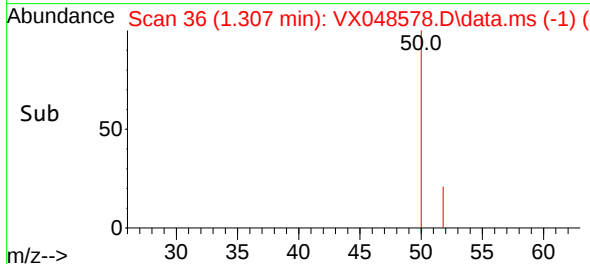
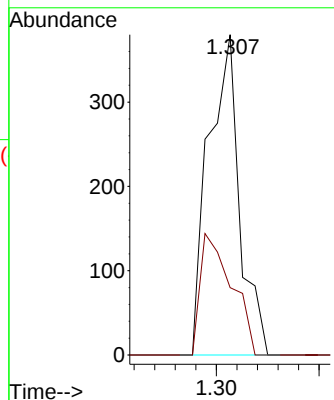
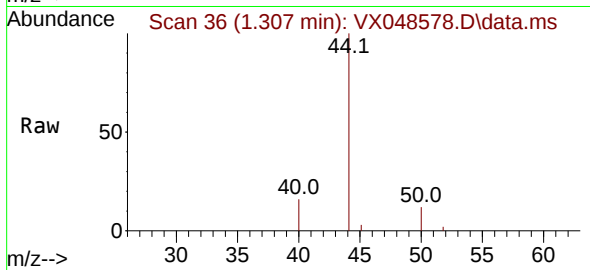




#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

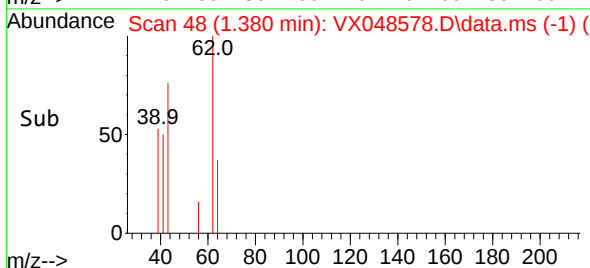
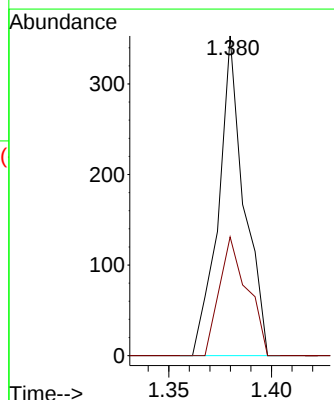
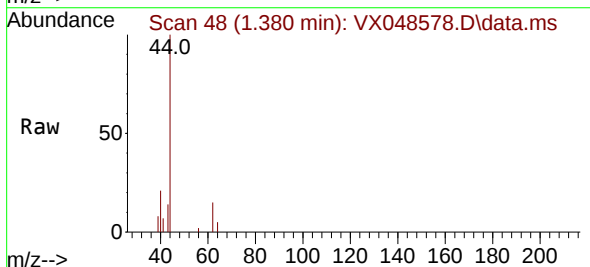
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Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 21.1 26.0 39.0#



#4
Vinyl Chloride
Concen: 0.138 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 62 Resp: 306
Ion Ratio Lower Upper
62 100
64 37.1 26.2 39.4

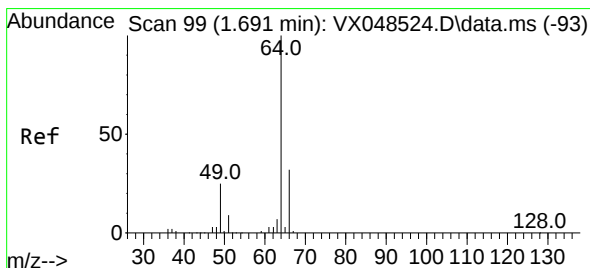
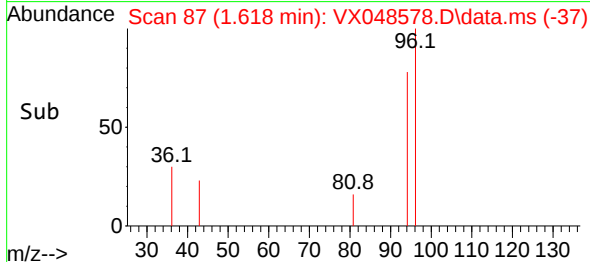
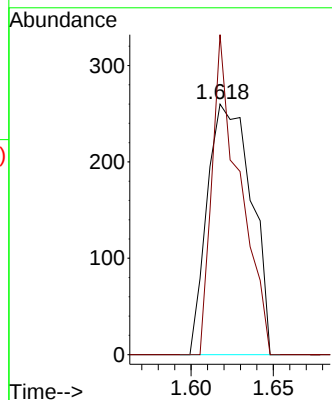
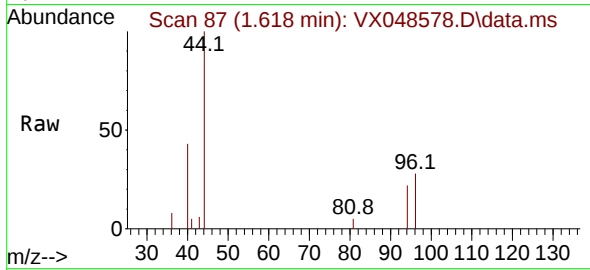




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

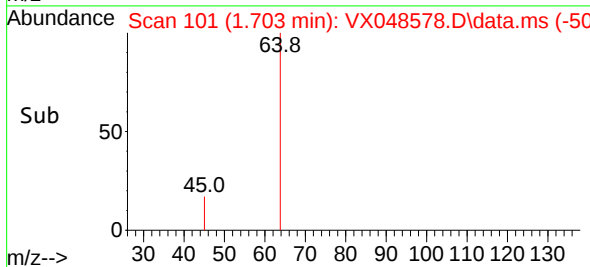
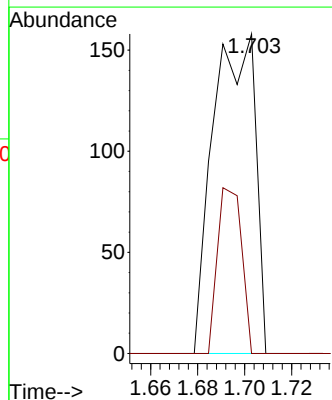
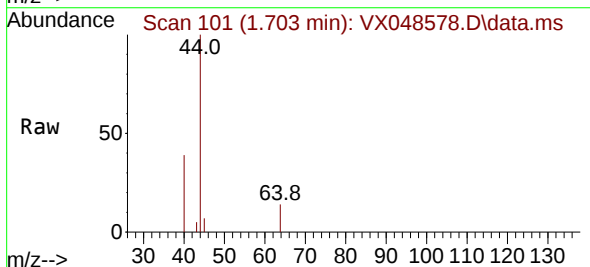
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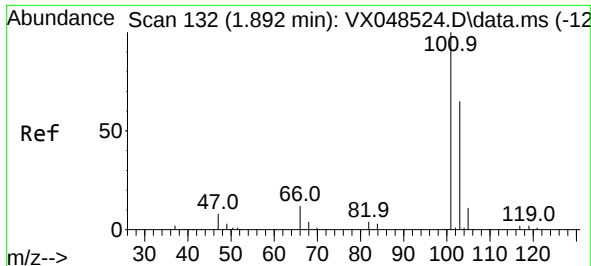
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 127.7 72.3 108.5#



#6
Chloroethane
Concen: 0.136 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

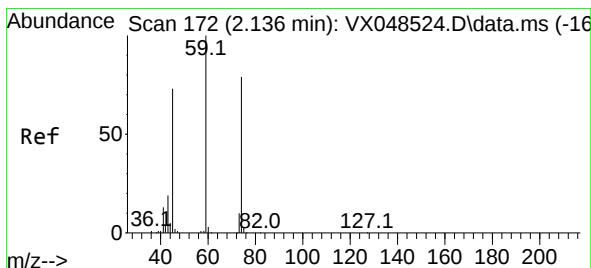
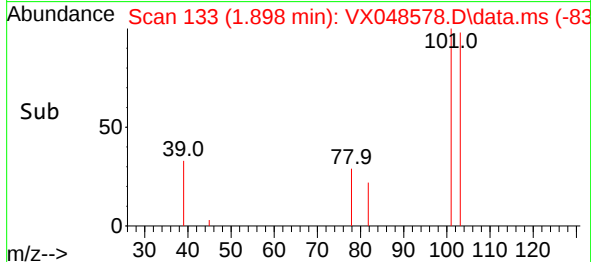
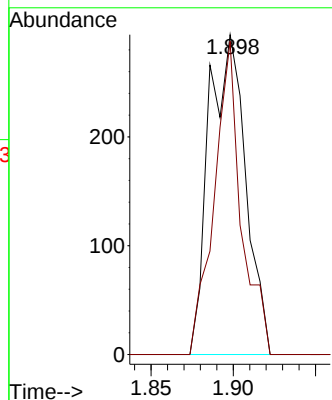
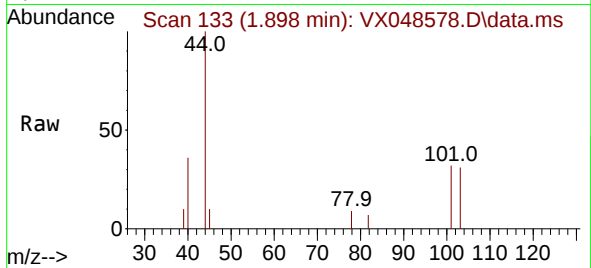




#7
Trichlorofluoromethane
Concen: 0.130 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048578.D
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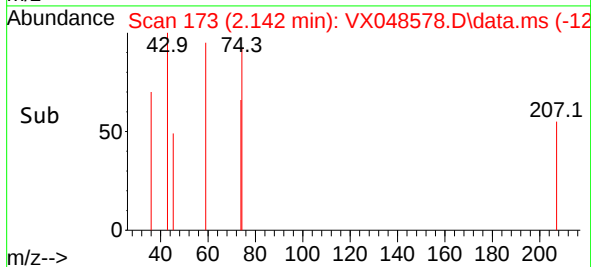
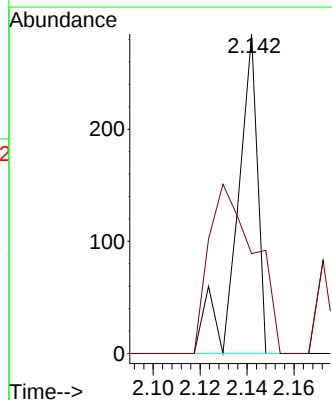
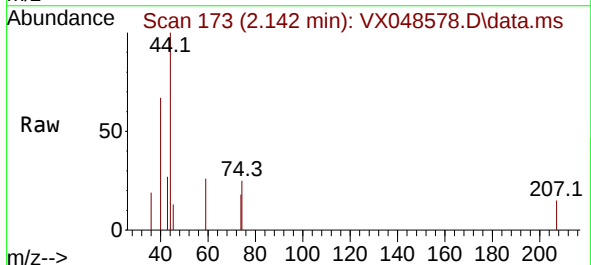
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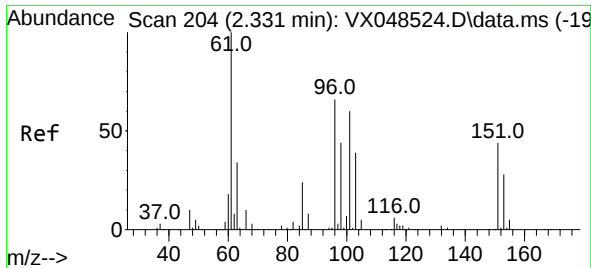
Tgt Ion:101 Resp: 457
Ion Ratio Lower Upper
101 100
103 98.0 51.7 77.5#



#8
Diethyl Ether
Concen: 0.122 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 74 Resp: 172
Ion Ratio Lower Upper
74 100
45 118.6 45.9 137.6

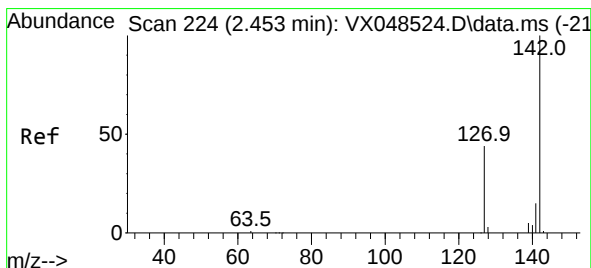
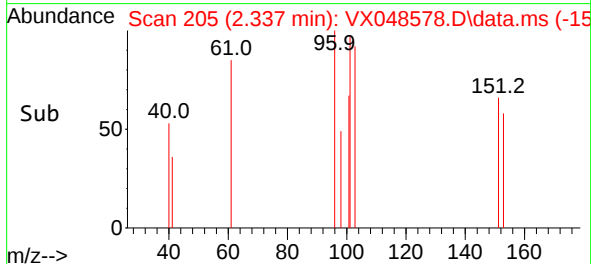
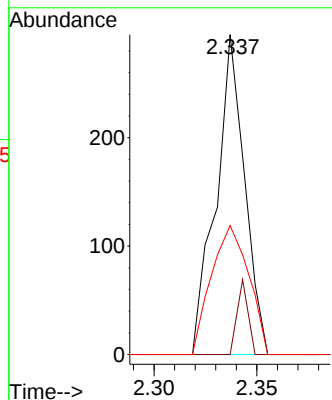
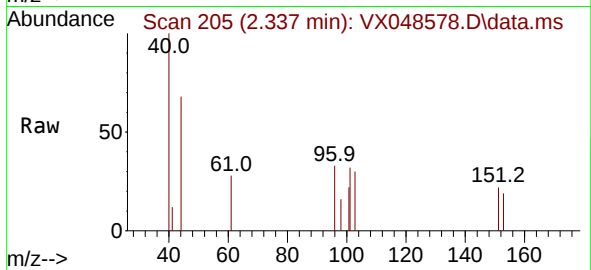




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.140 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
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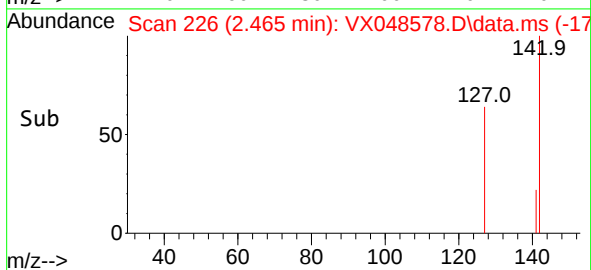
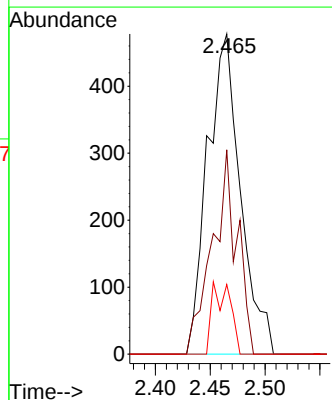
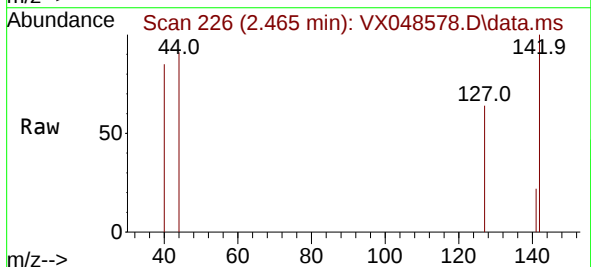
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

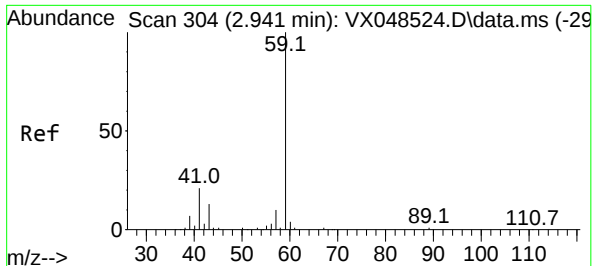
Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
85 8.8 34.3 51.5#
151 52.6 63.1 94.7#



#10
Methyl Iodide
Concen: 0.333 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:142 Resp: 1000
Ion Ratio Lower Upper
142 100
127 48.1 35.8 53.6
141 12.3 11.4 17.0

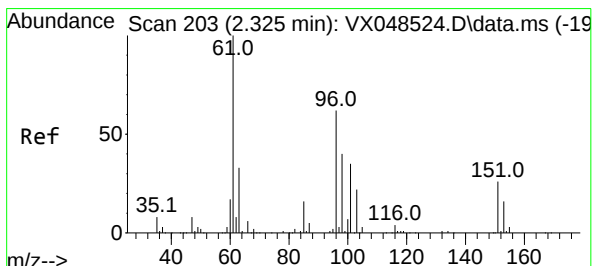
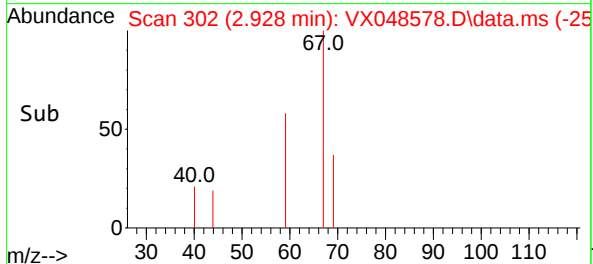
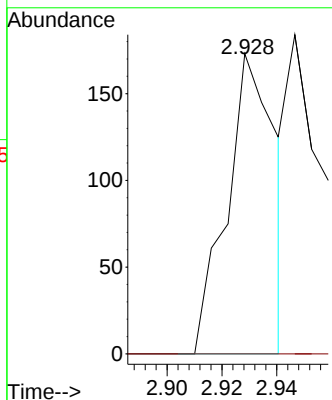
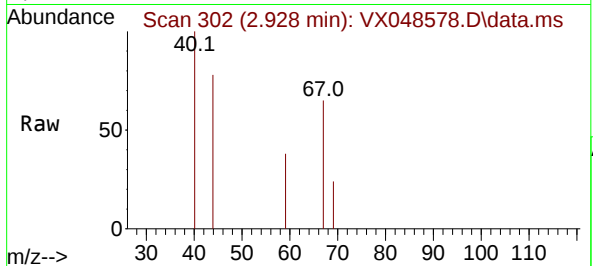




#11
Tert butyl alcohol
Concen: 0.441 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

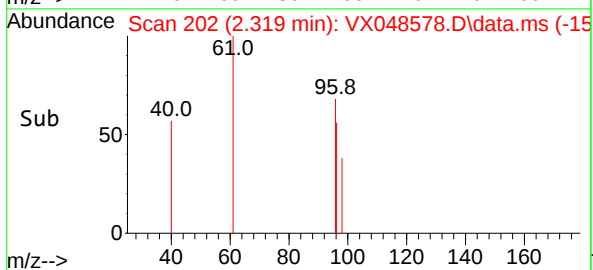
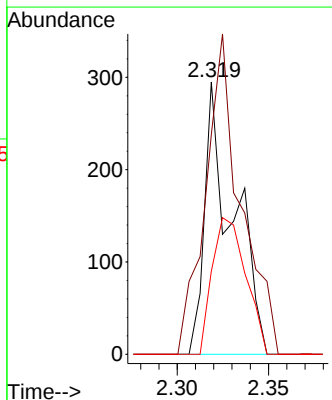
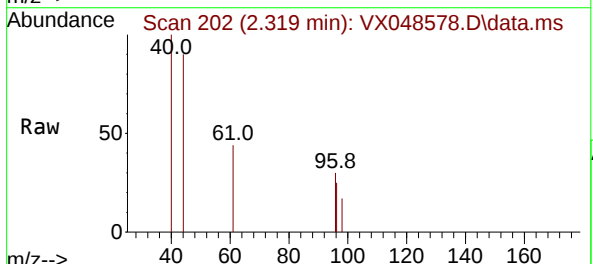
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

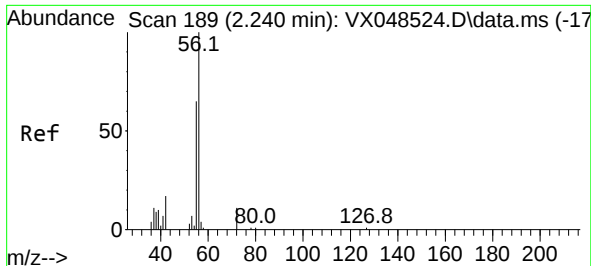
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 0.151 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 96 Resp: 320
Ion Ratio Lower Upper
96 100
61 80.7 129.8 194.6#
98 30.5 52.3 78.5#

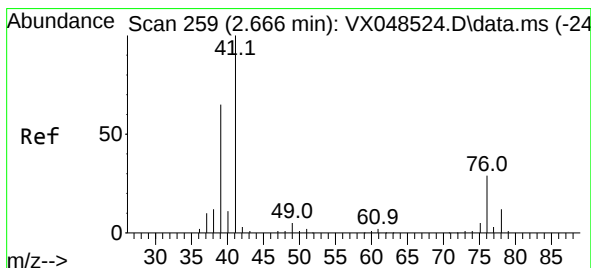
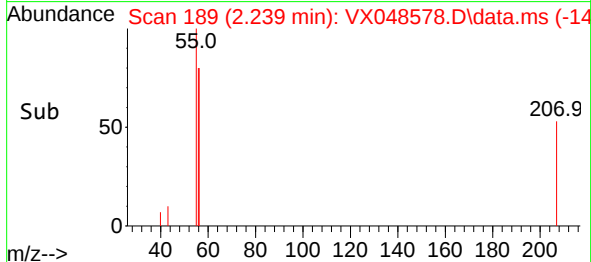
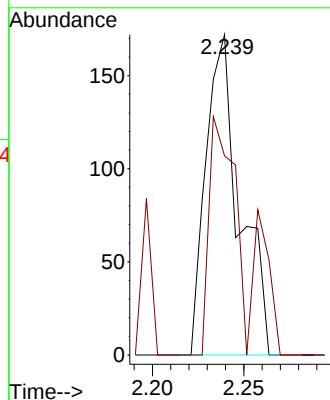
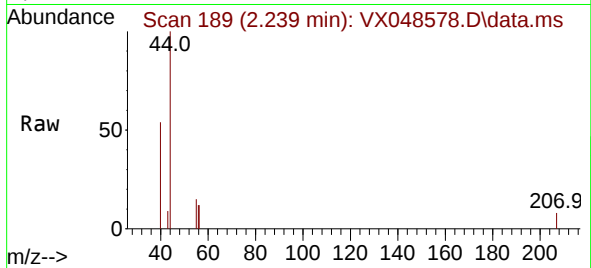




#13
Acrolein
Concen: 3.175 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

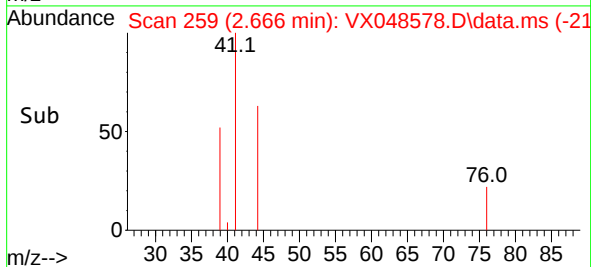
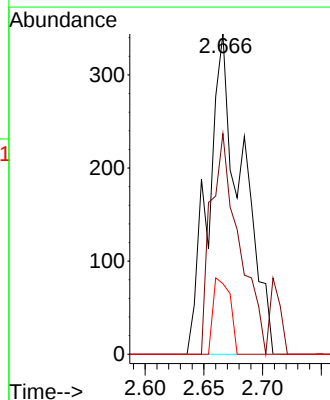
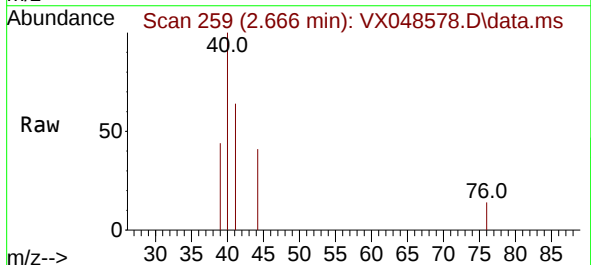
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

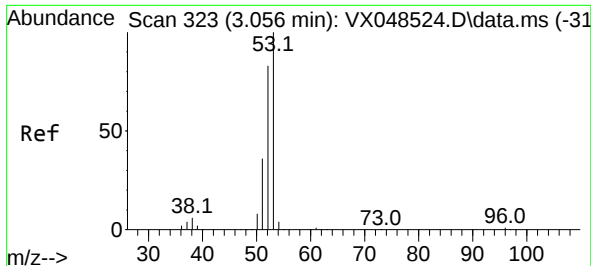
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 55.7 54.9 82.3



#14
Allyl chloride
Concen: 0.175 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 41 Resp: 691
Ion Ratio Lower Upper
41 100
39 57.2 48.6 73.0
76 11.9 27.7 41.5#





#15

Acrylonitrile

Concen: 0.521 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

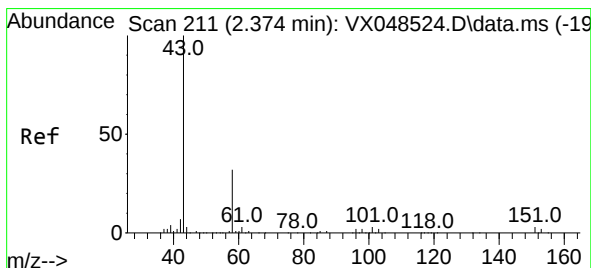
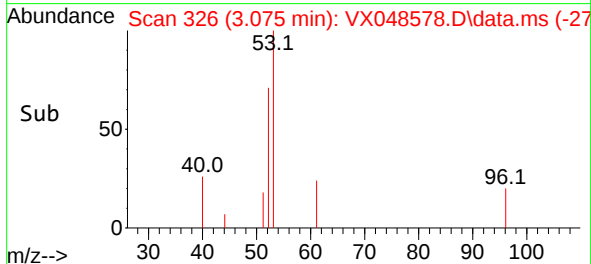
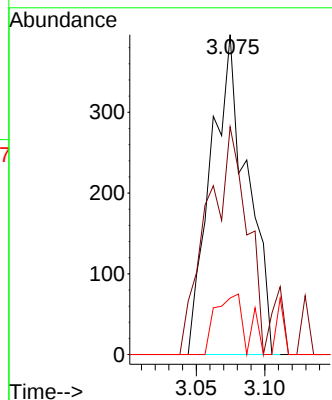
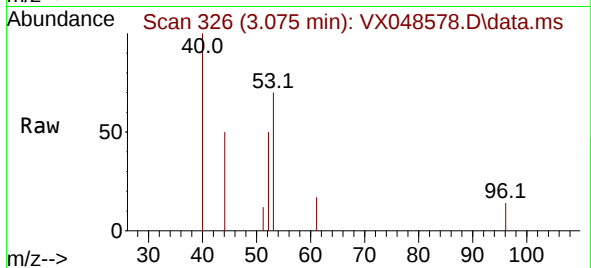
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	53	Resp:	732
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.3	97.9
51	16.0	27.8	41.6#



#16

Acetone

Concen: 1.434 ug/l

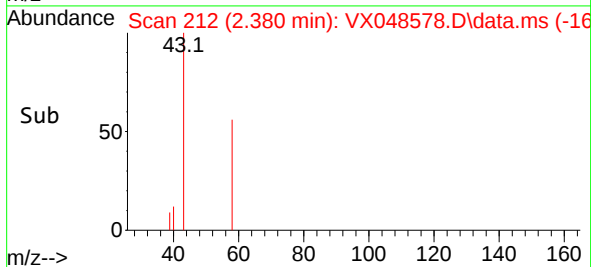
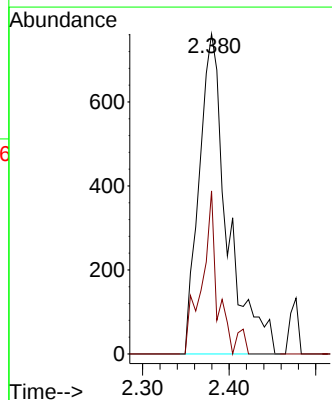
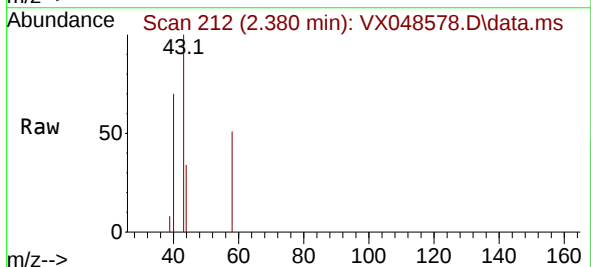
RT: 2.380 min Scan# 212

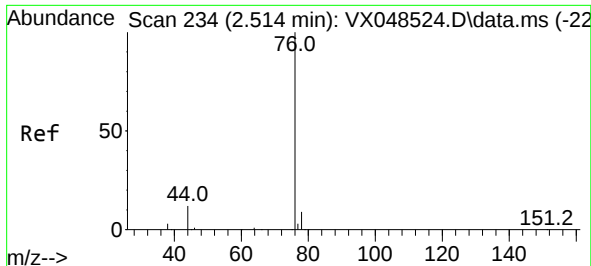
Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Tgt Ion:	43	Resp:	1723
Ion	Ratio	Lower	Upper
43	100		
58	50.9	25.8	38.6#





#17

Carbon Disulfide

Concen: 0.190 ug/l

RT: 2.526 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

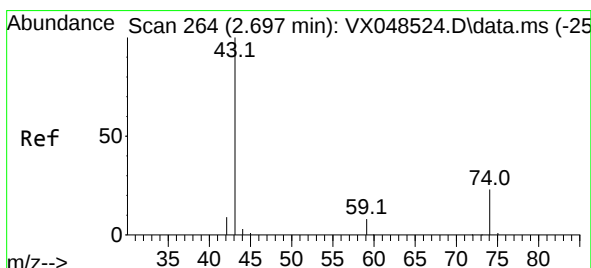
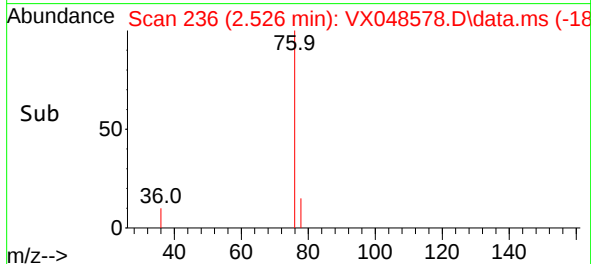
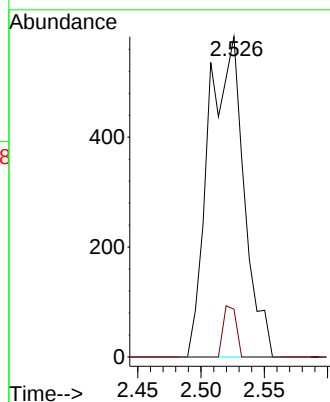
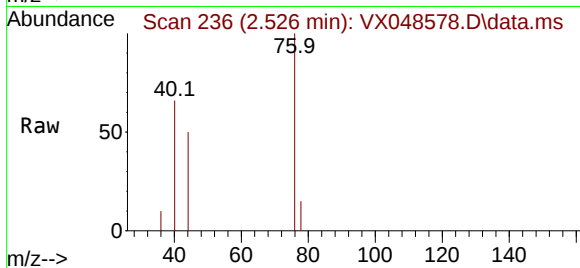
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 1134

Ion Ratio Lower Upper

76 100

78 14.9 7.1 10.7#



#18

Methyl Acetate

Concen: 0.242 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048578.D

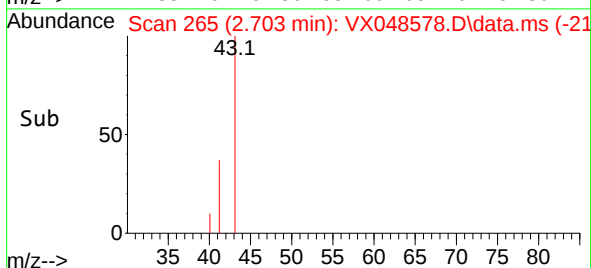
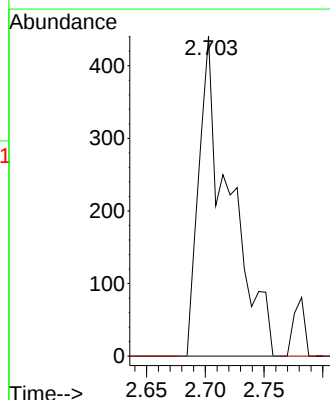
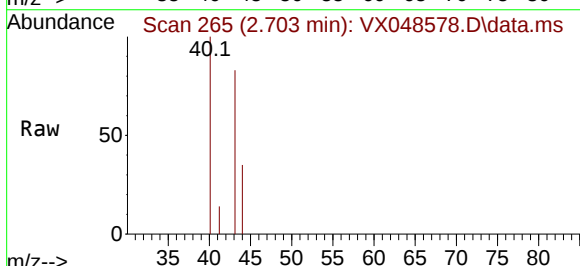
Acq: 12 Nov 2025 15:05

Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#

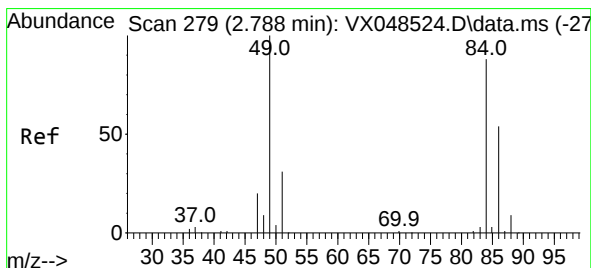
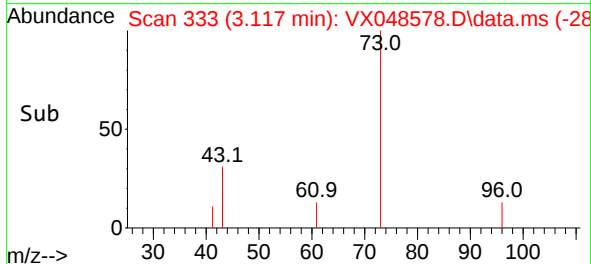
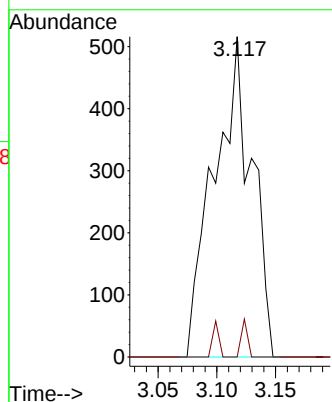
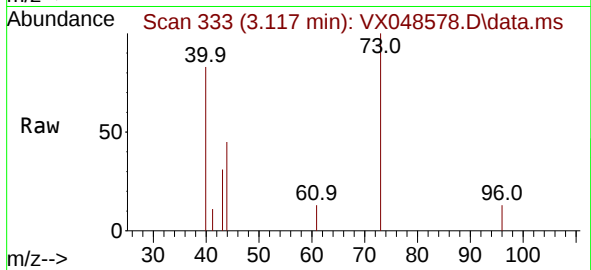




#19
Methyl tert-butyl Ether
Concen: 0.153 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

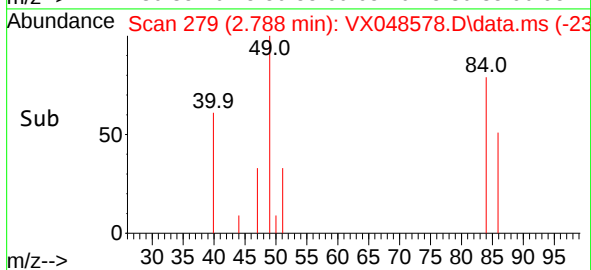
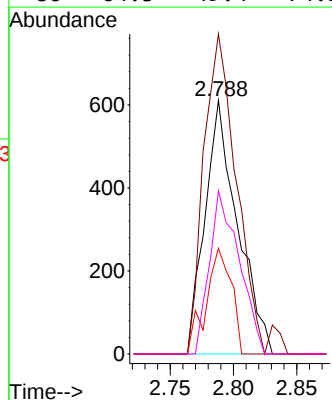
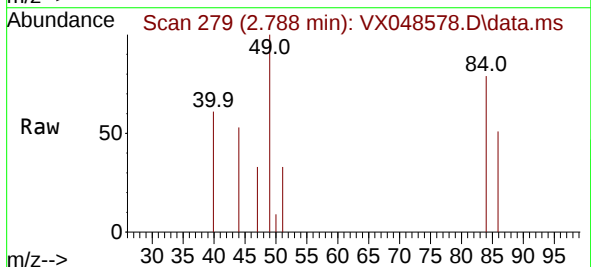
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

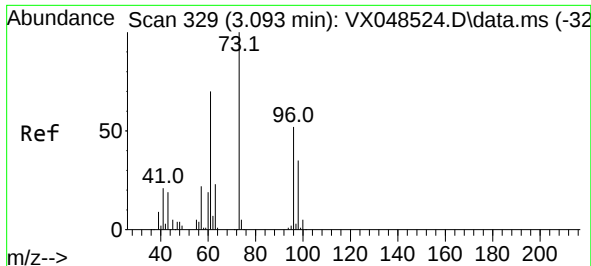
Tgt Ion: 73 Resp: 1149
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 0.443 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 84 Resp: 1094
Ion Ratio Lower Upper
84 100
49 126.2 91.2 136.8
51 41.7 28.3 42.5
86 64.3 49.4 74.2

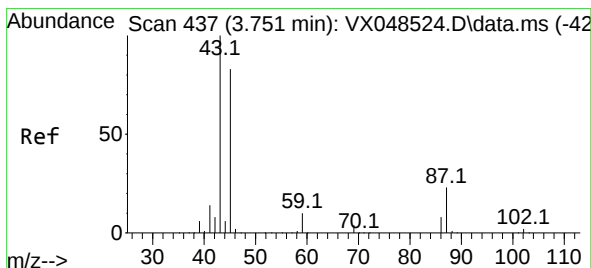
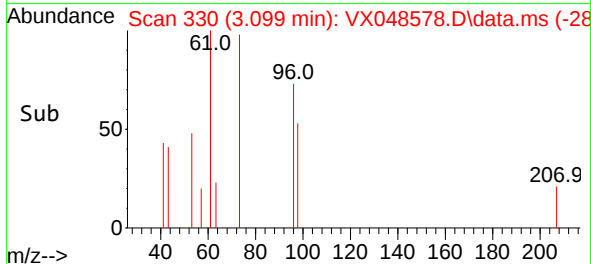
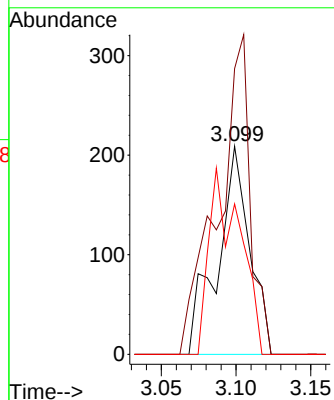
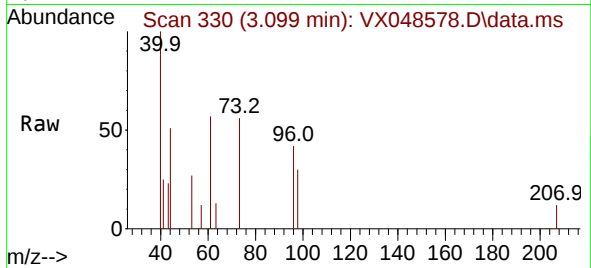




#21
trans-1,2-Dichloroethene
Concen: 0.140 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

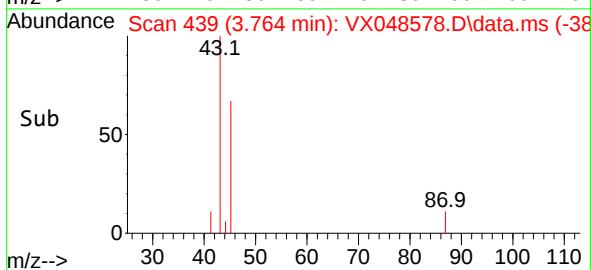
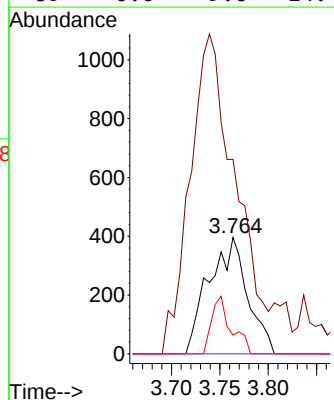
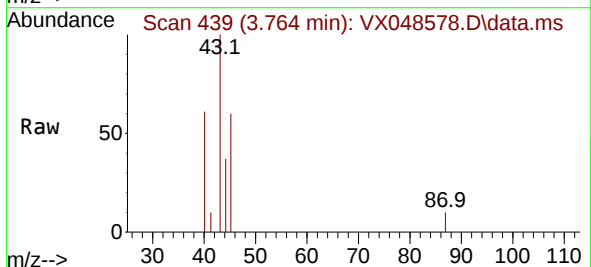
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 96 Resp: 314
Ion Ratio Lower Upper
96 100
61 137.3 106.7 160.1
98 72.2 52.7 79.1



#22
Diisopropyl ether
Concen: 0.145 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 45 Resp: 1101
Ion Ratio Lower Upper
45 100
43 126.0 96.4 144.6
87 16.2 21.8 32.6#
59 0.0 9.6 14.4#

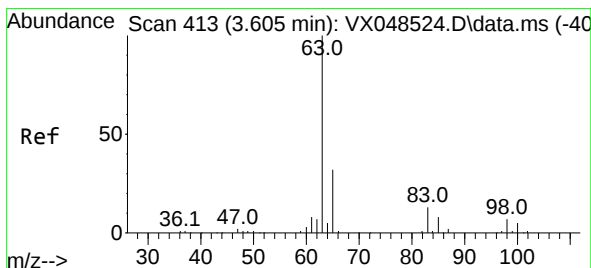
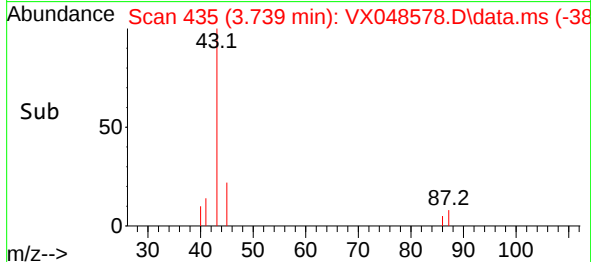
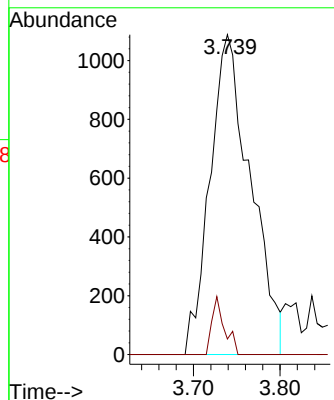
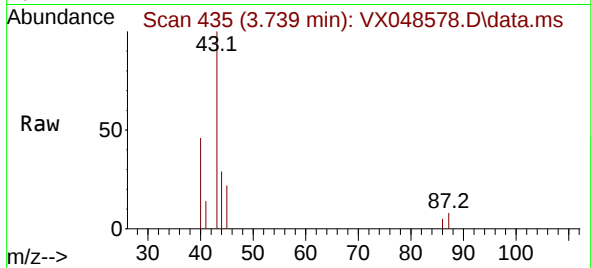




#23
 Vinyl Acetate
 Concen: 0.534 ug/l
 RT: 3.739 min Scan# 413
 Delta R.T. 0.024 min
 Lab File: VX048578.D
 Acq: 12 Nov 2025 15:05

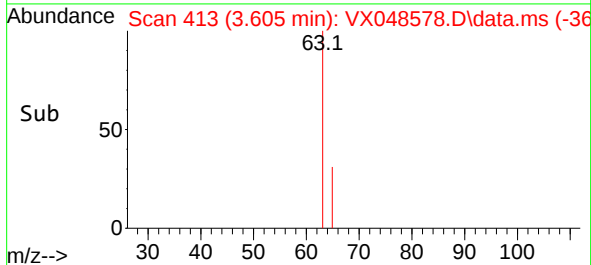
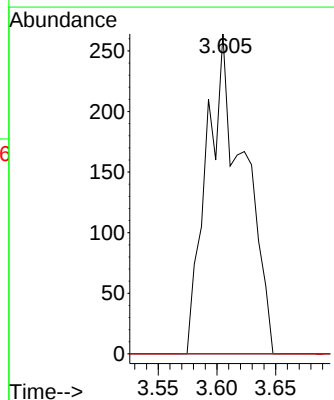
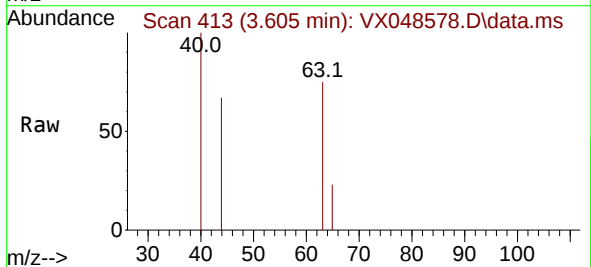
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

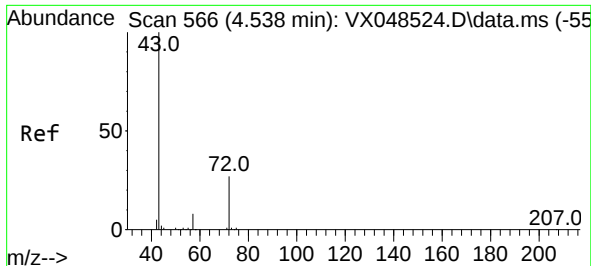
Tgt Ion: 43 Resp: 3545
 Ion Ratio Lower Upper
 43 100
 86 4.9 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 0.141 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048578.D
 Acq: 12 Nov 2025 15:05

Tgt Ion: 63 Resp: 587
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.5 7.4#

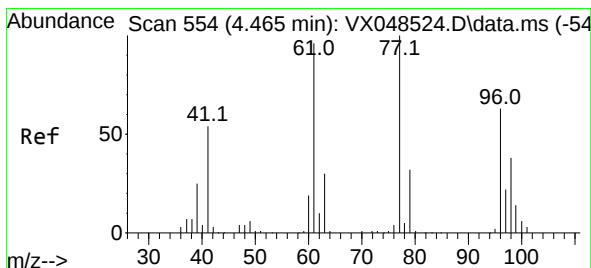
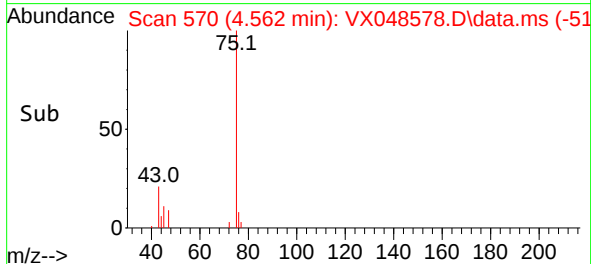
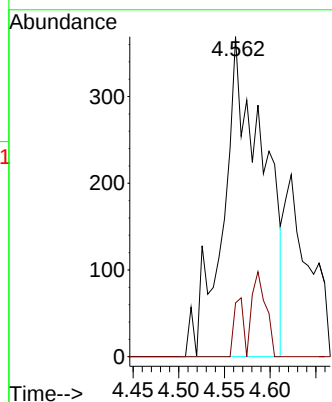
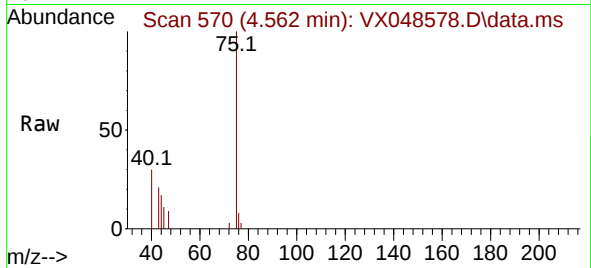




#25
2-Butanone
Concen: 0.638 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

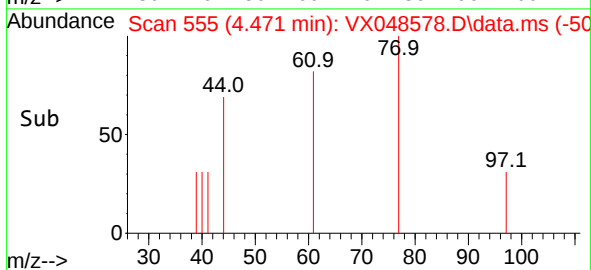
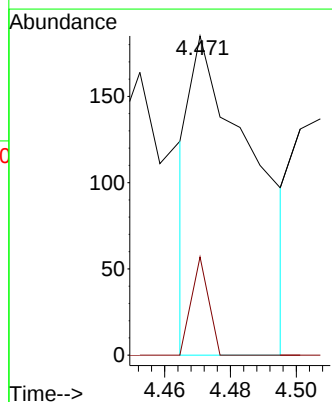
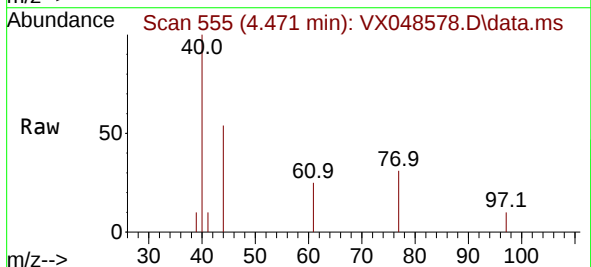
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

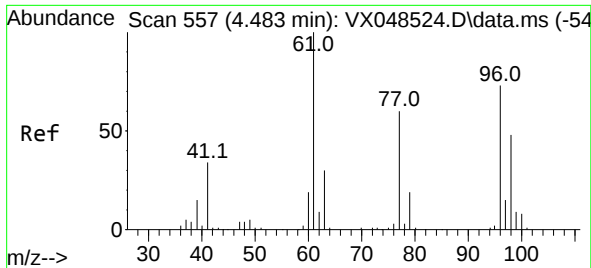
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
72 16.8 21.5 32.3#



#26
2,2-Dichloropropane
Concen: 0.068 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 77 Resp: 242
Ion Ratio Lower Upper
77 100
97 8.7 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.081 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

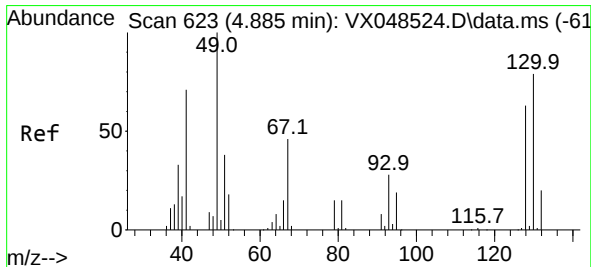
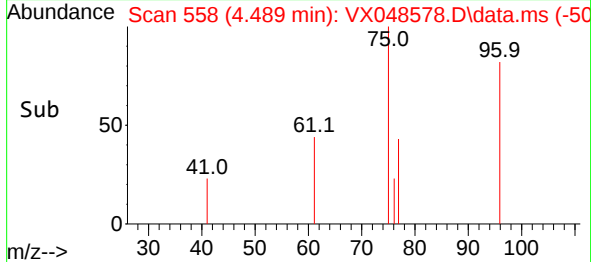
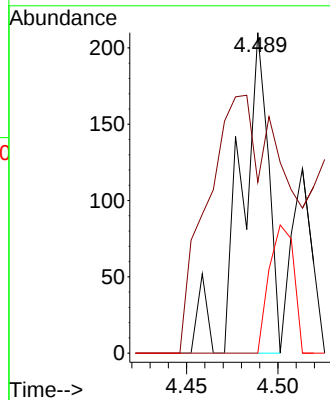
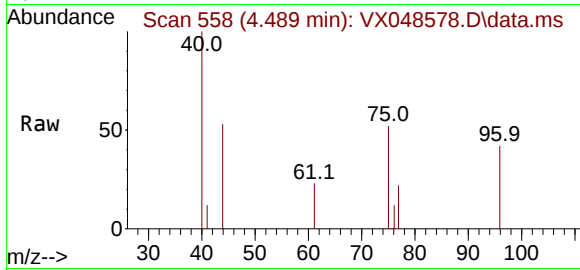
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 96 Resp: 223

Ion	Ratio	Lower	Upper
96	100		
61	222.4	0.0	279.6
98	0.0	0.0	128.2



#28

Bromochloromethane

Concen: 0.063 ug/l

RT: 4.885 min Scan# 623

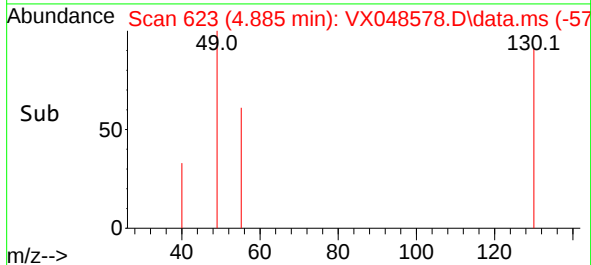
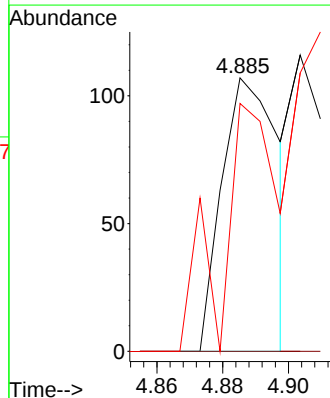
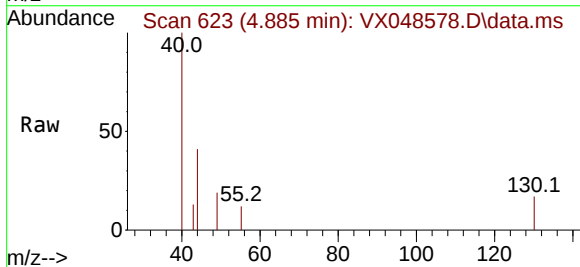
Delta R.T. -0.000 min

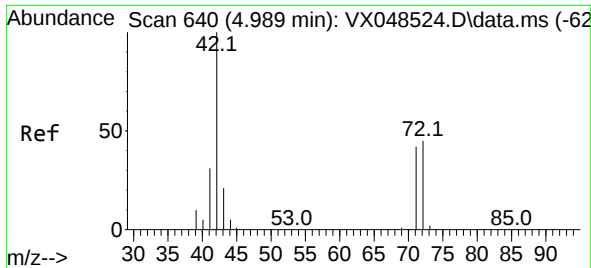
Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Tgt Ion: 49 Resp: 128

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	85.9	65.9	98.9

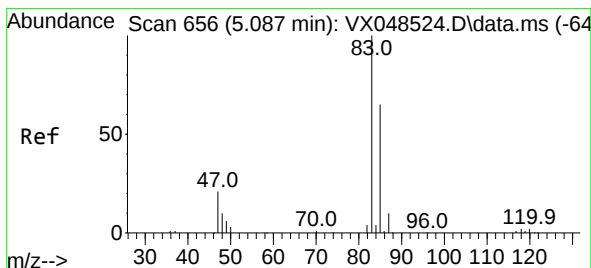
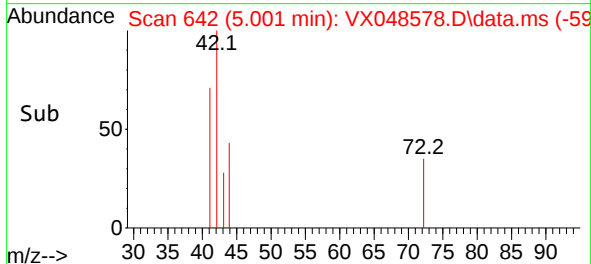
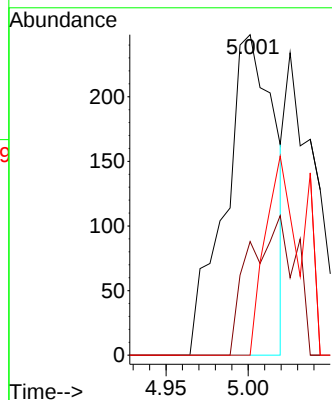
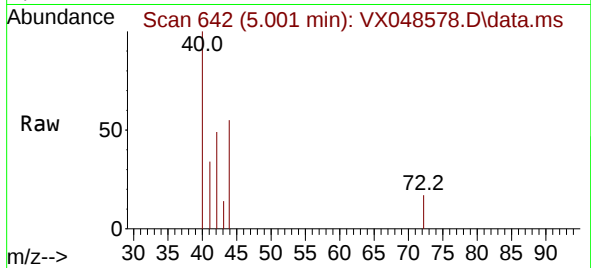




#29
Tetrahydrofuran
Concen: 0.409 ug/l
RT: 5.001 min Scan# 640
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

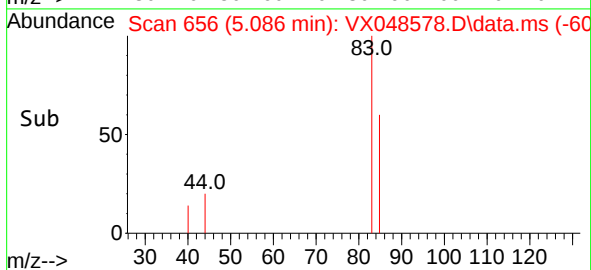
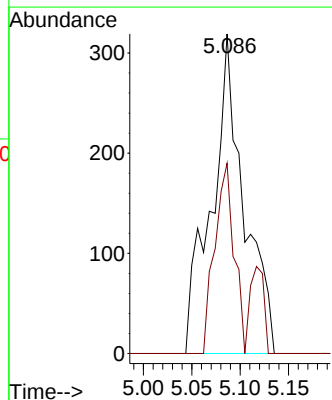
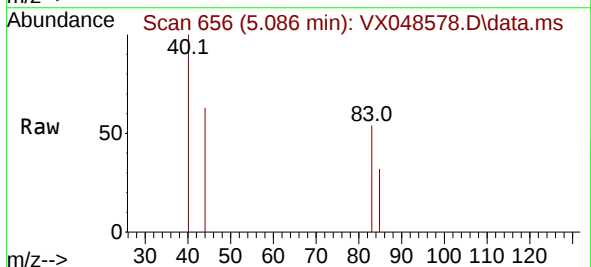
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

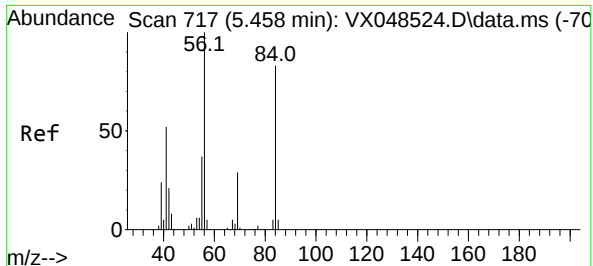
Tgt Ion:	42	Resp:	518
Ion	Ratio	Lower	Upper
42	100		
72	40.0	36.3	54.5
71	45.9	34.1	51.1



#30
Chloroform
Concen: 0.173 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:	83	Resp:	744
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.8	77.6

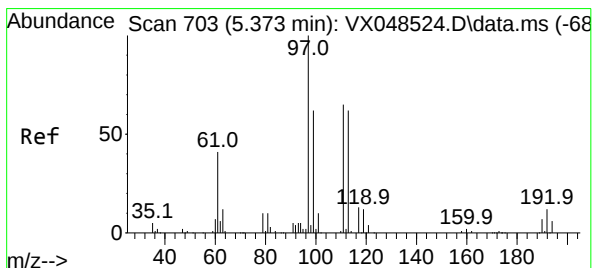
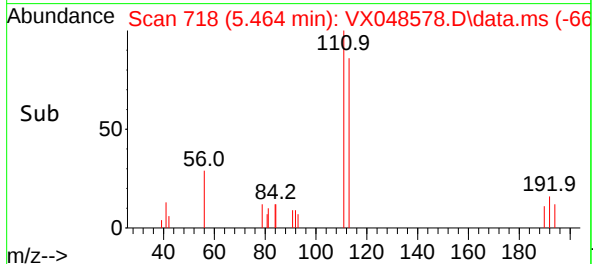
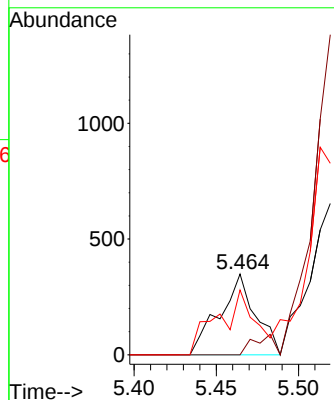
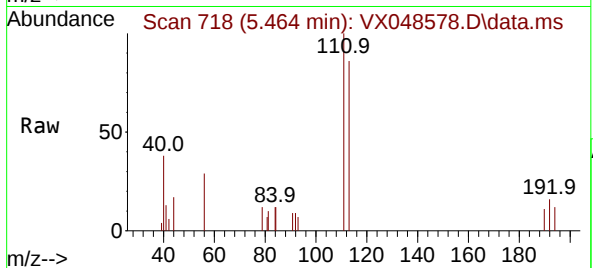




#31
Cyclohexane
Concen: 0.156 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

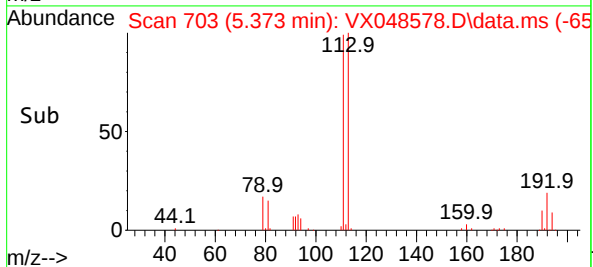
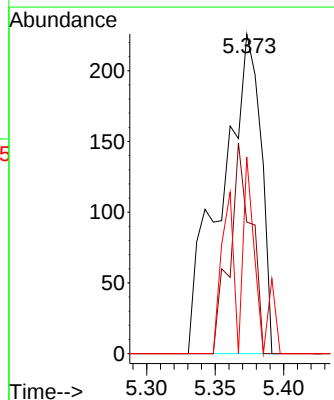
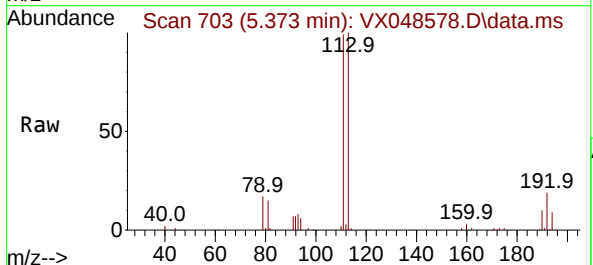
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 56 Resp: 532
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 80.2 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 0.121 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 97 Resp: 453
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 33.4 50.2#





#33

1,2-Dichloroethane-d4

Concen: 43.376 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

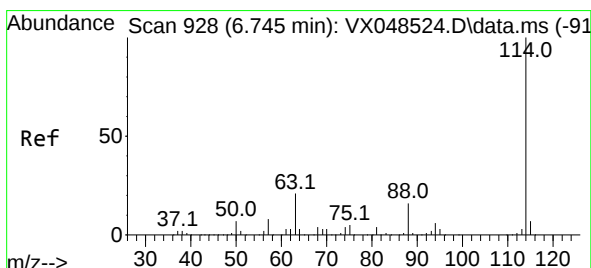
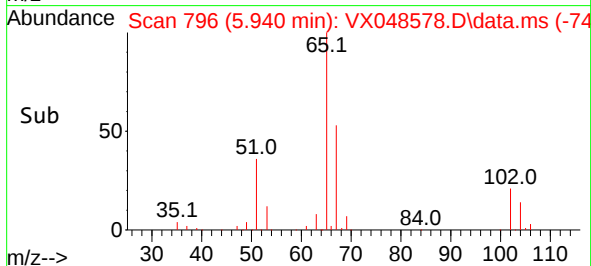
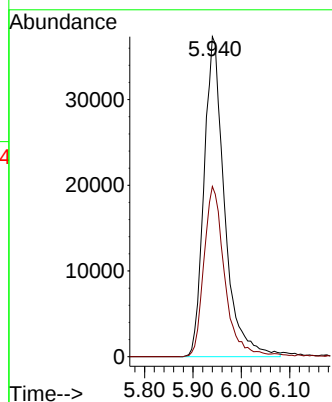
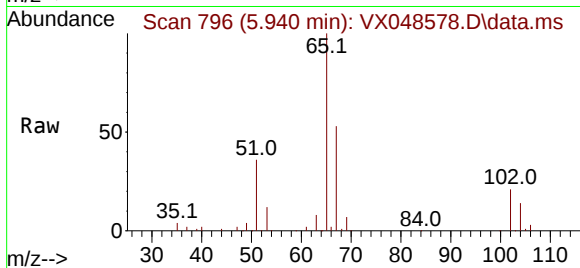
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 110125

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

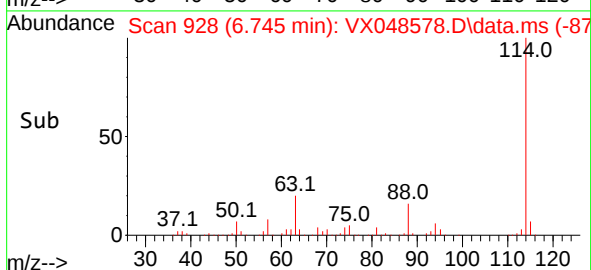
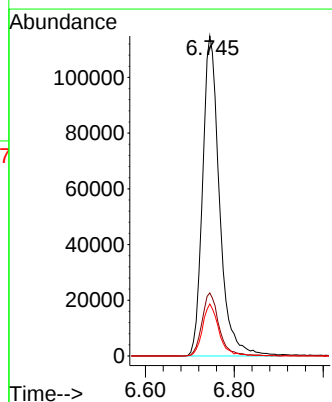
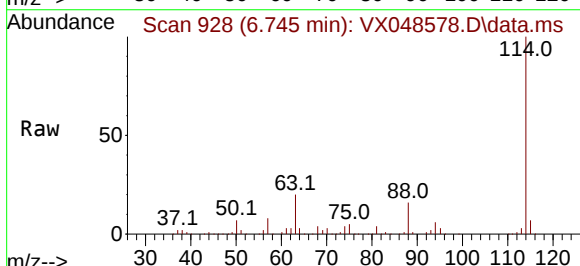
Tgt Ion: 114 Resp: 304522

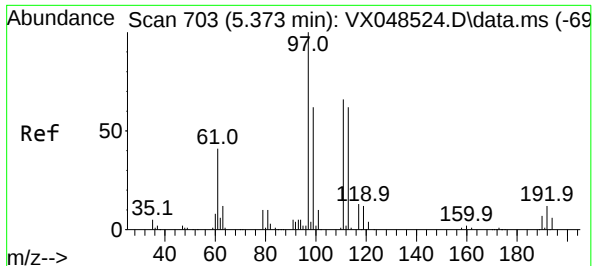
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 39.956 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048578.D

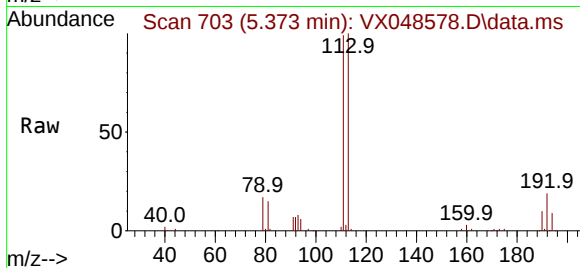
Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



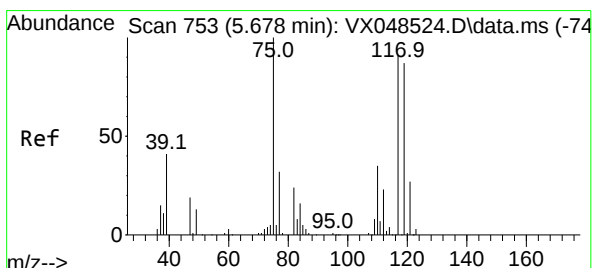
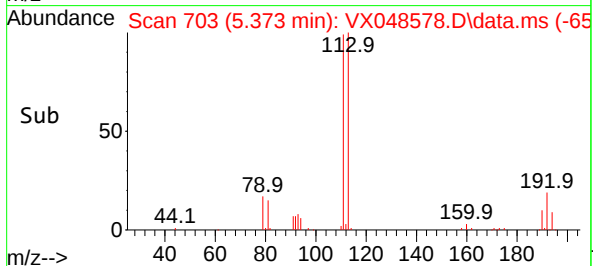
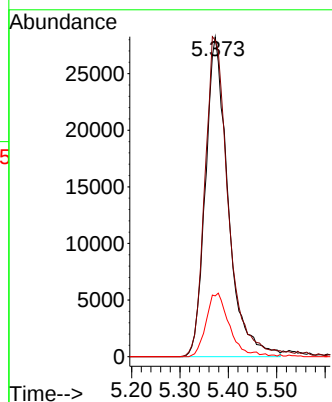
Tgt Ion:113 Resp: 92090

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 19.8 15.8 23.6



#36

1,1-Dichloropropene

Concen: 0.203 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

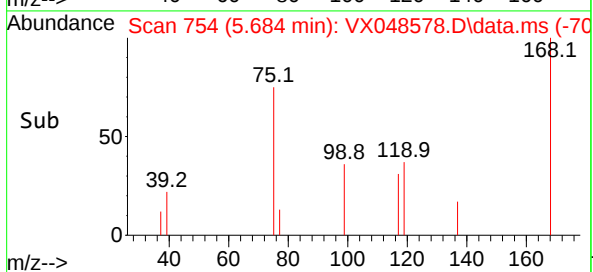
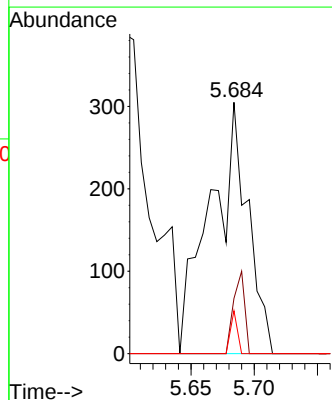
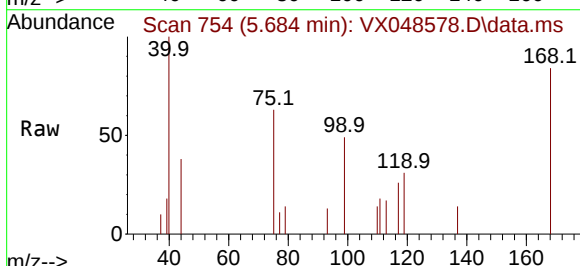
Tgt Ion: 75 Resp: 627

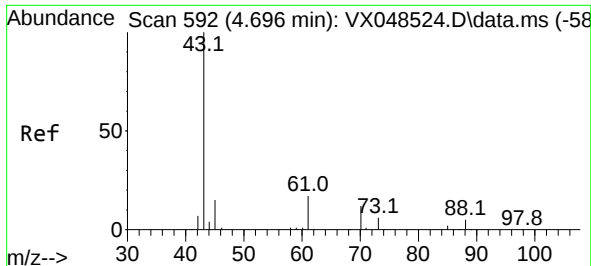
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.4#

77 3.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.020 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

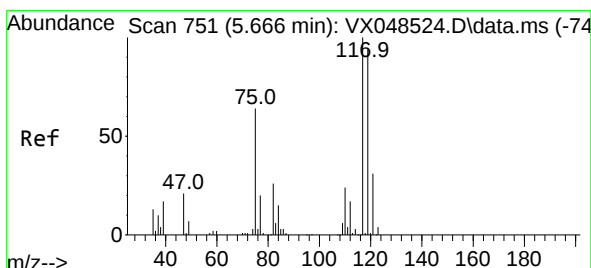
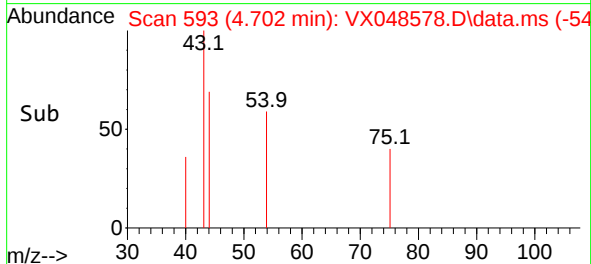
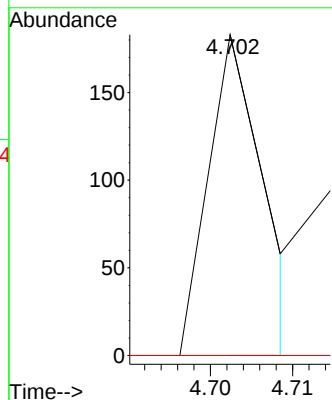
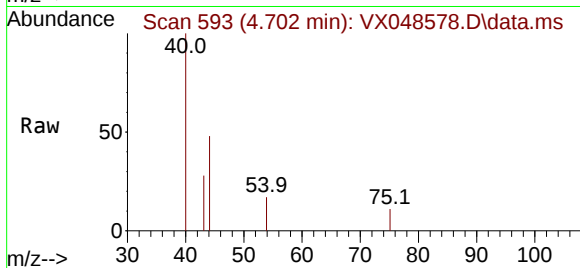
Tgt Ion: 43 Resp: 88

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 5.106 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

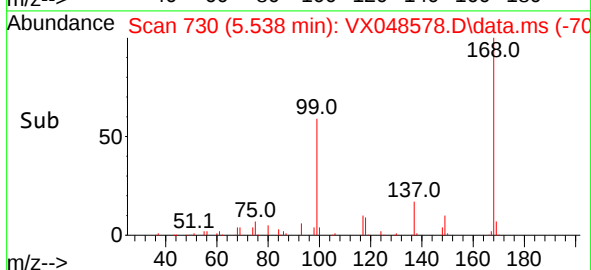
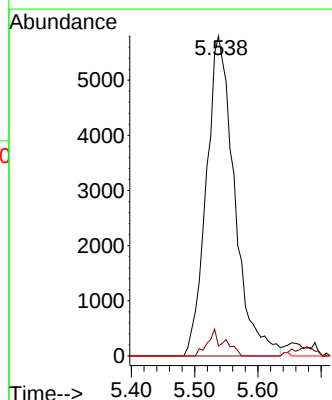
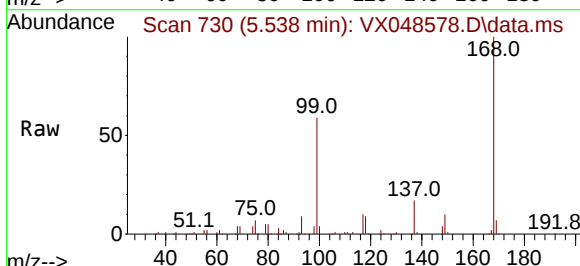
Tgt Ion: 117 Resp: 17938

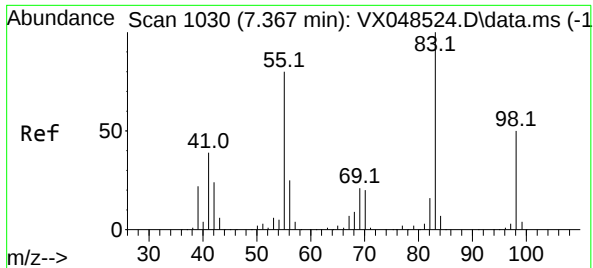
Ion Ratio Lower Upper

117 100

119 3.2 74.5 111.7#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.168 ug/l

RT: 7.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

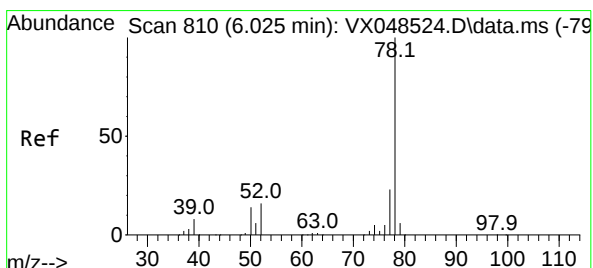
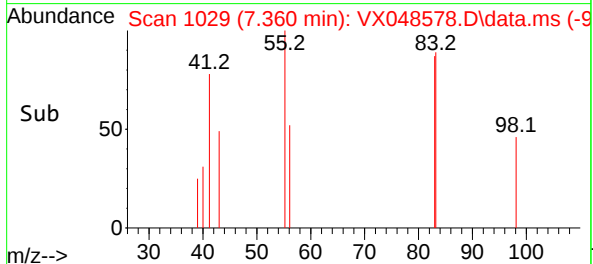
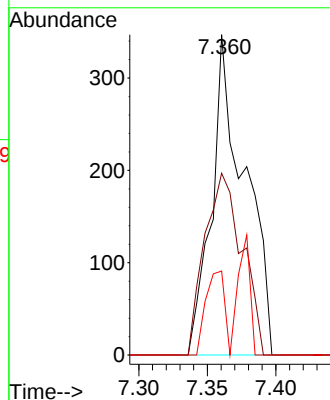
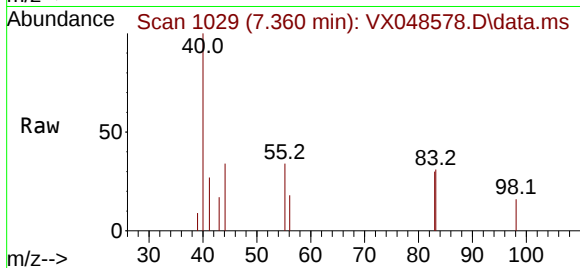
Tgt Ion: 83 Resp: 583

Ion Ratio Lower Upper

83 100

55 56.8 63.8 95.6#

98 26.2 40.3 60.5#



#40

Benzene

Concen: 0.065 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048578.D

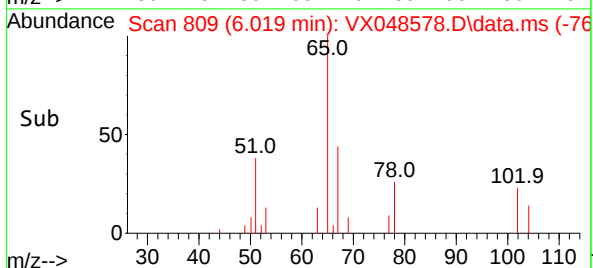
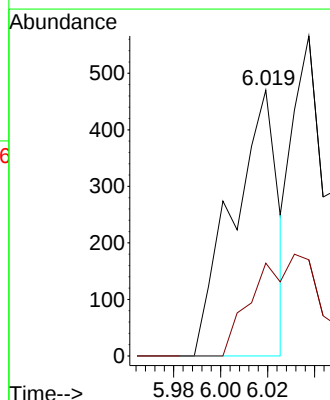
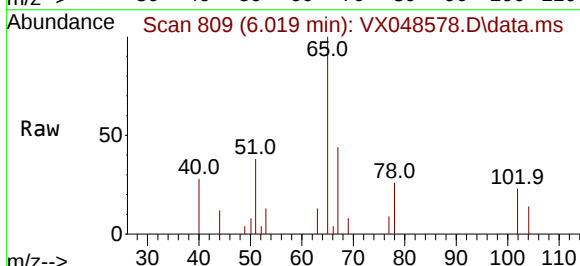
Acq: 12 Nov 2025 15:05

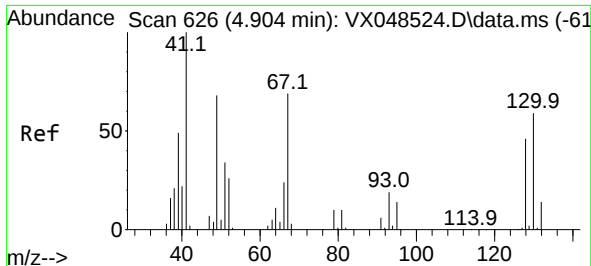
Tgt Ion: 78 Resp: 625

Ion Ratio Lower Upper

78 100

77 34.9 18.3 27.5#

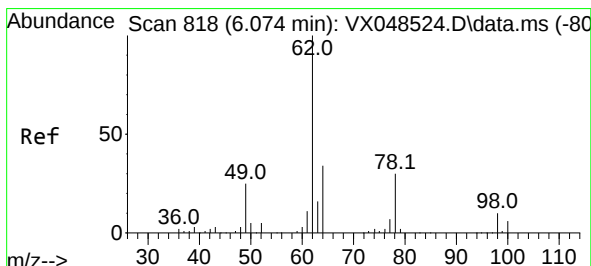
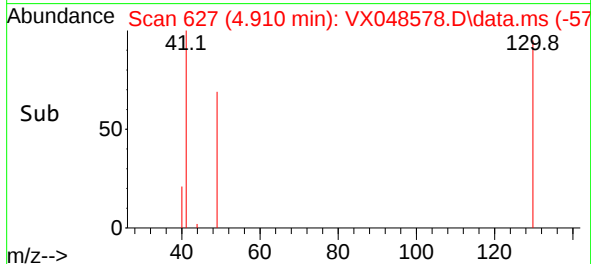
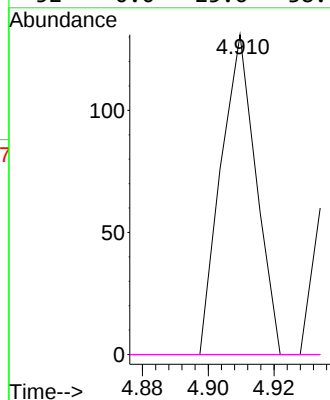
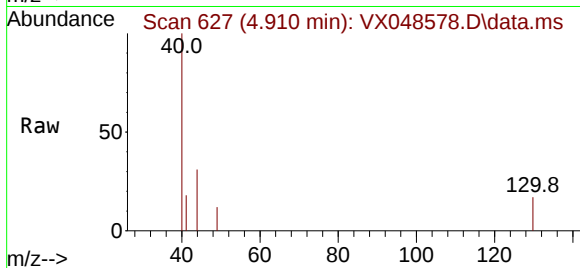




#41
Methacrylonitrile
Concen: 0.051 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

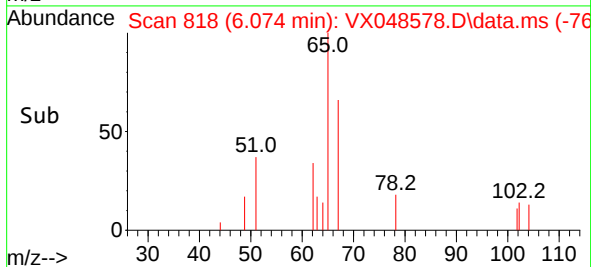
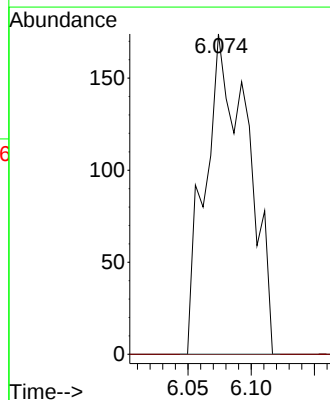
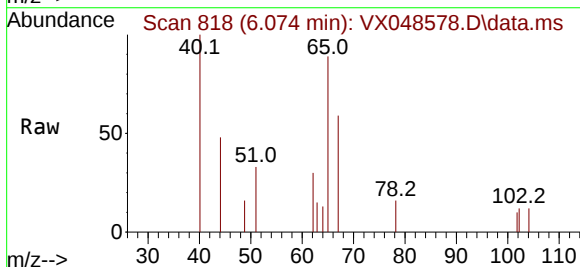
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

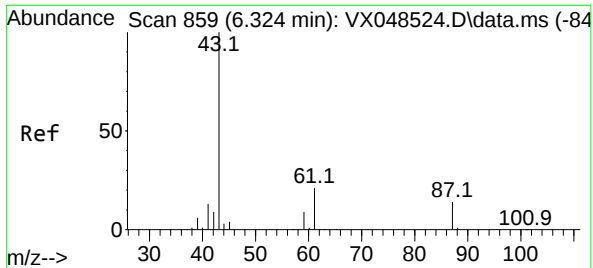
Tgt Ion: 41 Resp: 97
Ion Ratio Lower Upper
41 100
39 0.0 41.1 61.7#
67 0.0 64.2 96.2#
52 0.0 25.6 38.4#



#42
1,2-Dichloroethane
Concen: 0.125 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 62 Resp: 410
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6

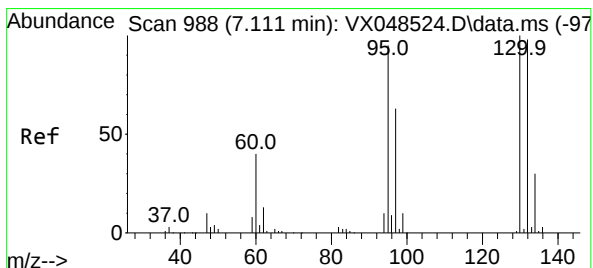
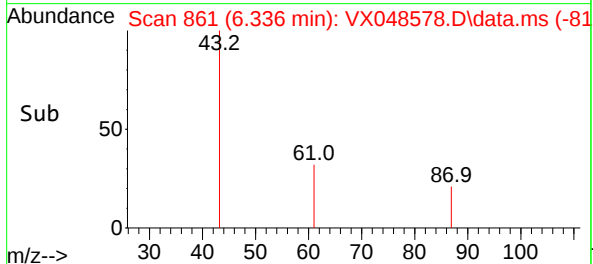
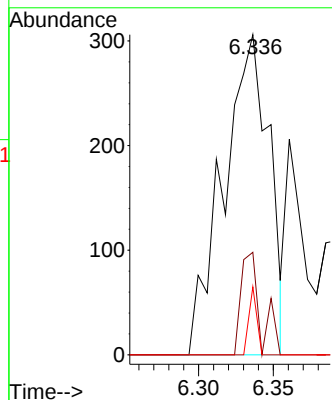
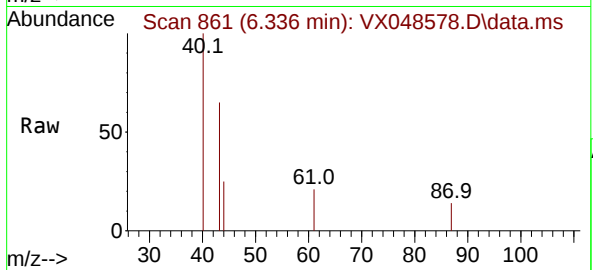




#43
Isopropyl Acetate
Concen: 0.106 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

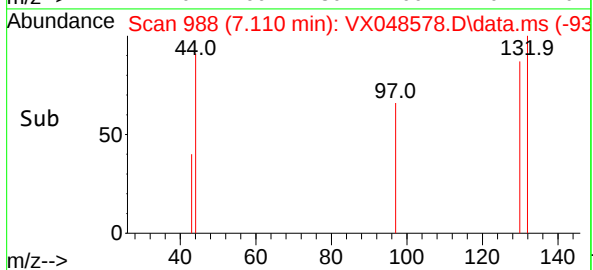
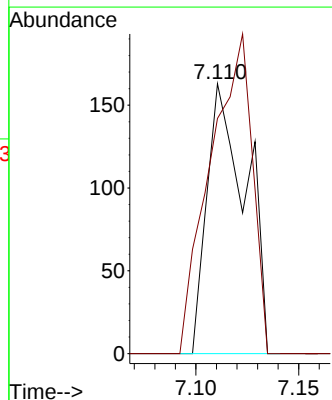
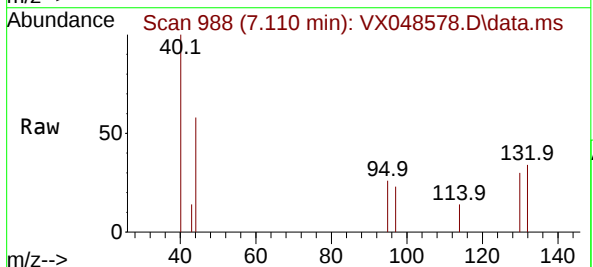
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

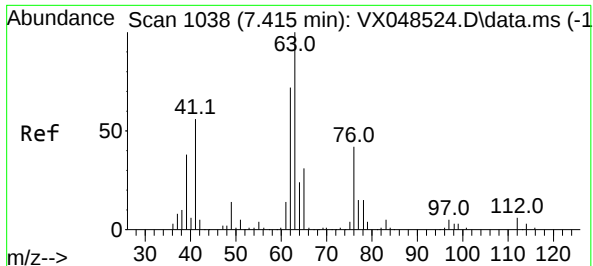
Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
61 13.7 16.2 24.4#
87 3.7 10.9 16.3#



#44
Trichloroethene
Concen: 0.094 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 130 Resp: 214
Ion Ratio Lower Upper
130 100
95 87.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 0.147 ug/l

RT: 7.421 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

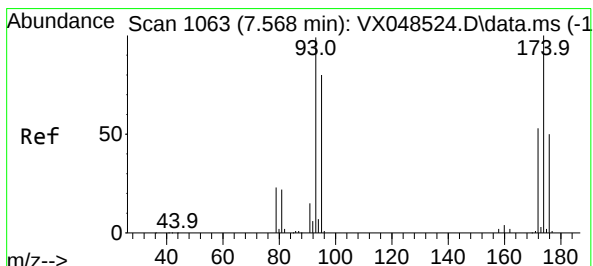
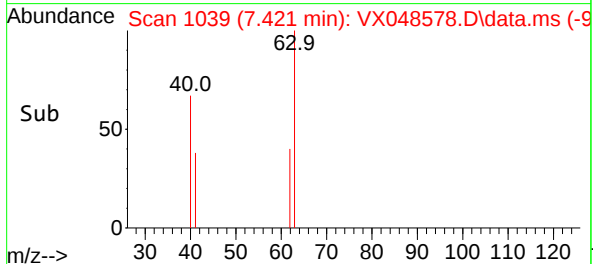
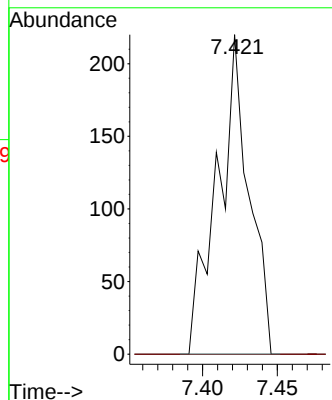
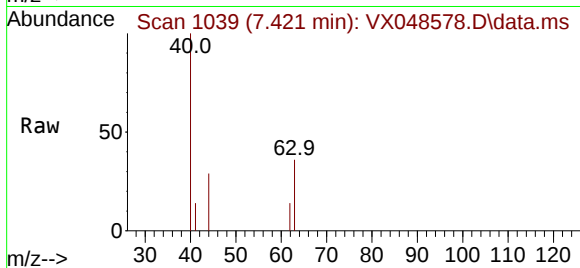
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 323

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.089 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

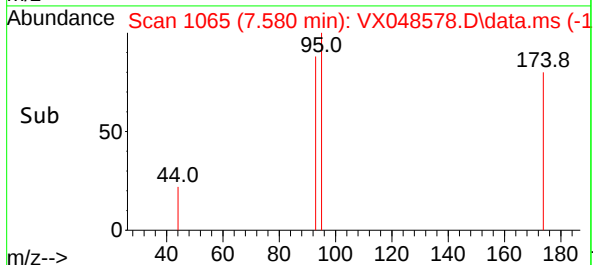
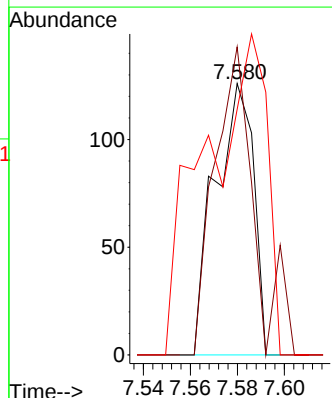
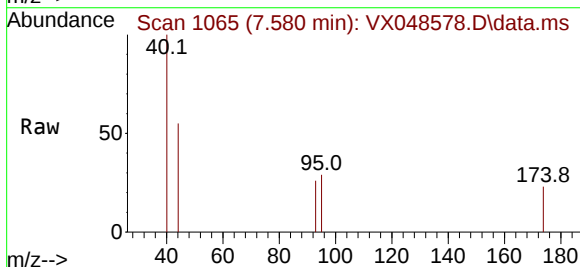
Tgt Ion: 93 Resp: 143

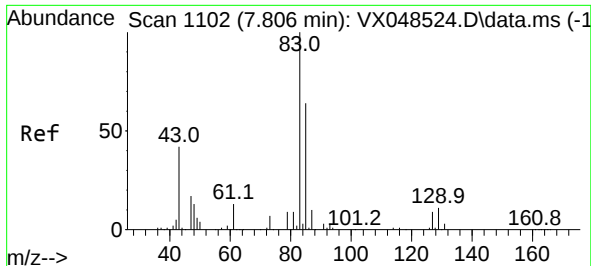
Ion Ratio Lower Upper

93 100

95 116.8 67.6 101.4#

174 188.8 83.0 124.6#

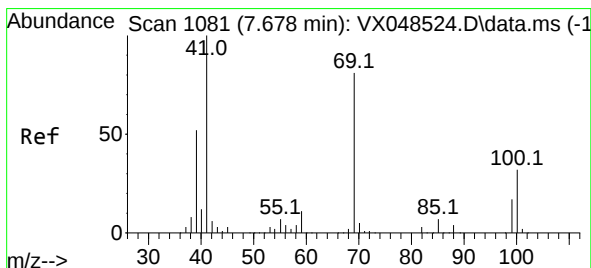
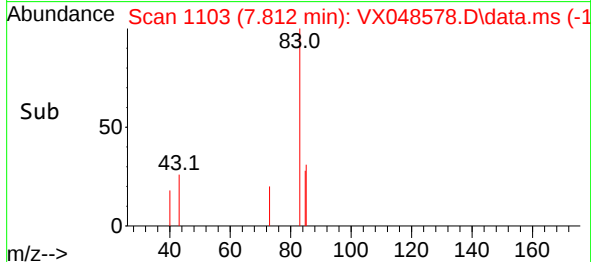
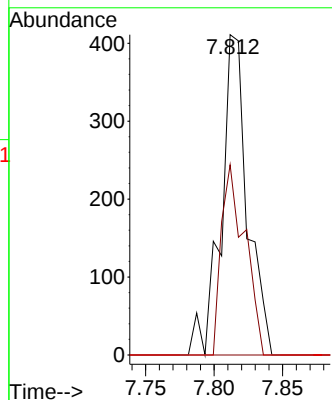
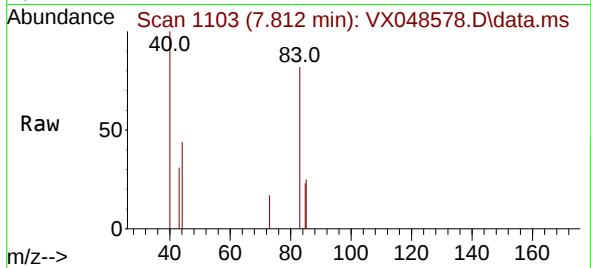




#47
Bromodichloromethane
Concen: 0.172 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

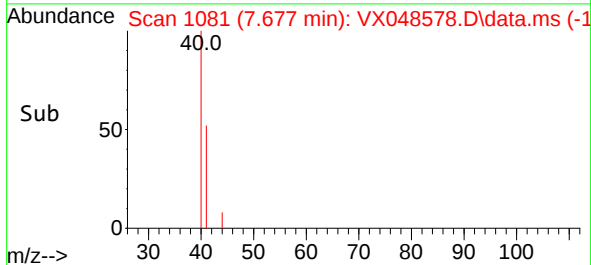
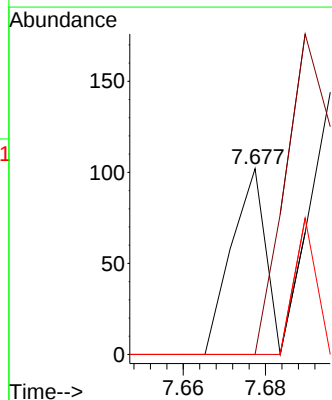
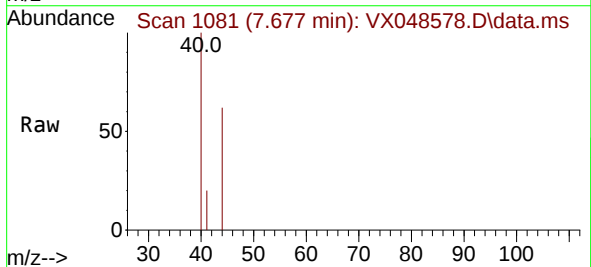
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

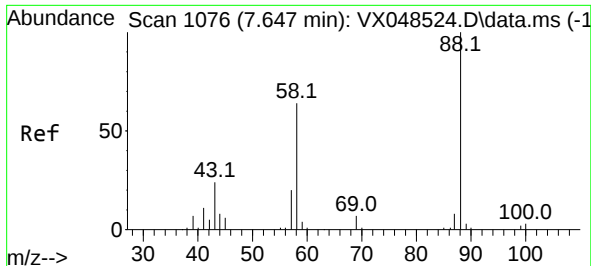
Tgt Ion: 83	Resp:	550
Ion	Ratio	Lower Upper
83	100	
85	59.4	51.4 77.0
127	0.0	7.0 10.4#



#48
Methyl methacrylate
Concen: 0.022 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 41	Resp:	59
Ion	Ratio	Lower Upper
41	100	
69	0.0	67.9 101.9#
39	0.0	42.2 63.2#





#49

1,4-Dioxane

Concen: 0.459 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.024 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

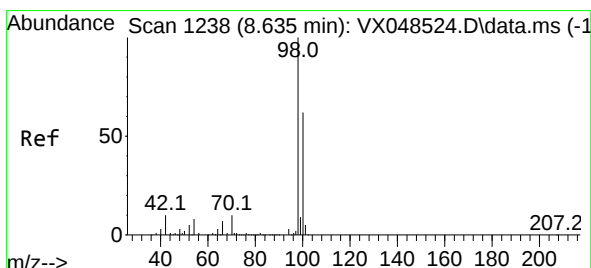
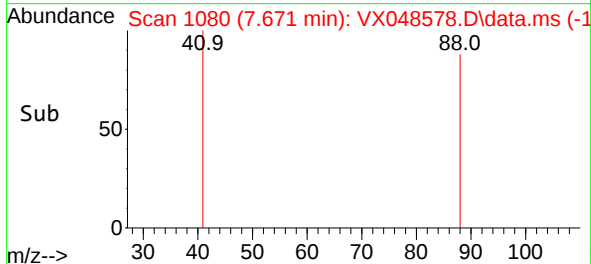
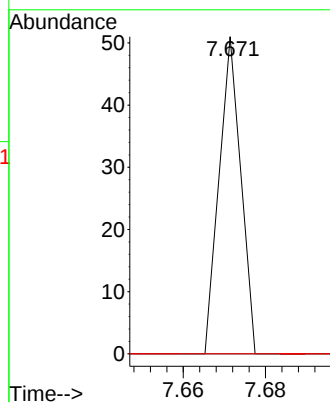
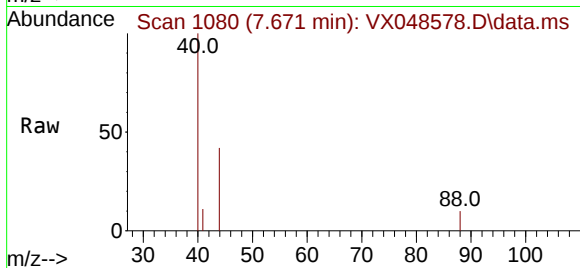
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 0.0 56.7 85.1#



#50

Toluene-d8

Concen: 46.228 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048578.D

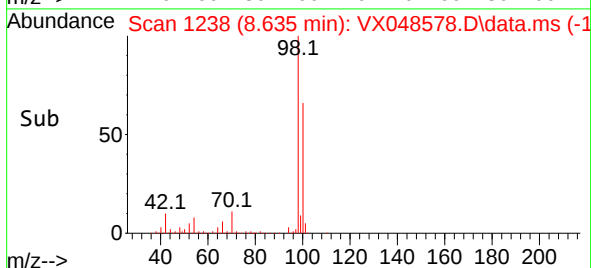
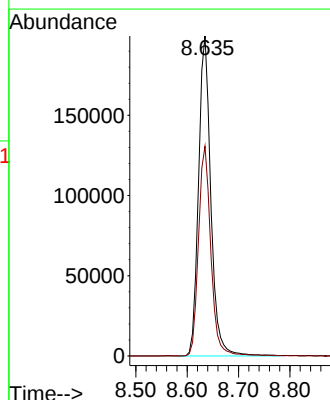
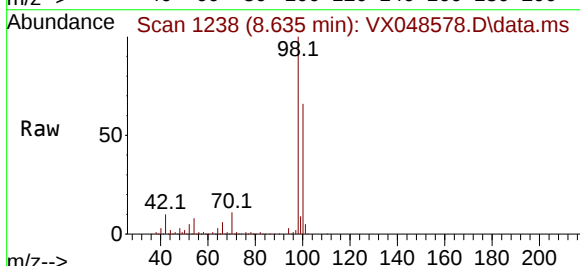
Acq: 12 Nov 2025 15:05

Tgt Ion: 98 Resp: 332301

Ion Ratio Lower Upper

98 100

100 65.8 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.706 ug/l

RT: 8.561 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

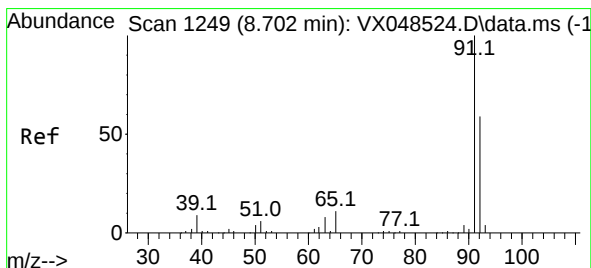
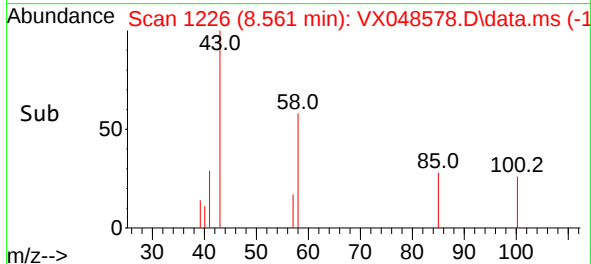
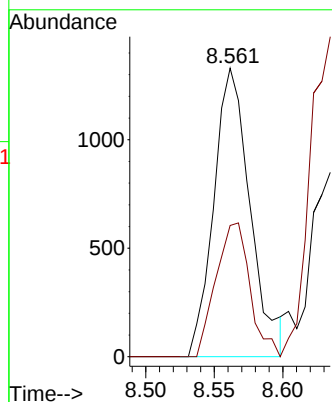
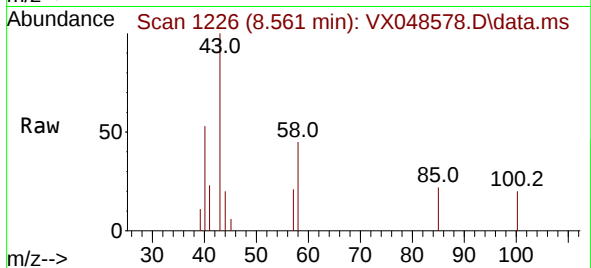
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 2454

Ion Ratio Lower Upper

43 100

58 43.3 32.3 48.5



#52

Toluene

Concen: 0.200 ug/l

RT: 8.708 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VX048578.D

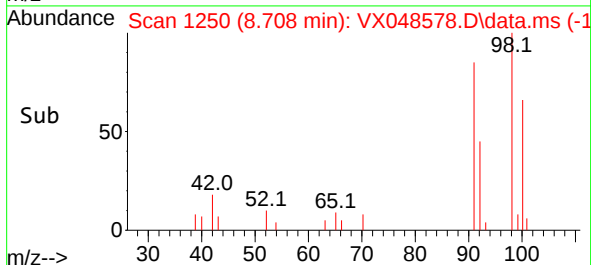
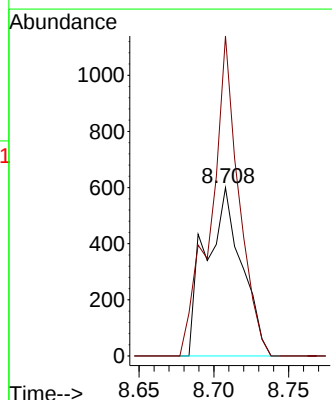
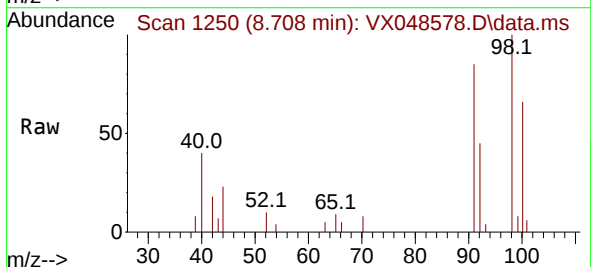
Acq: 12 Nov 2025 15:05

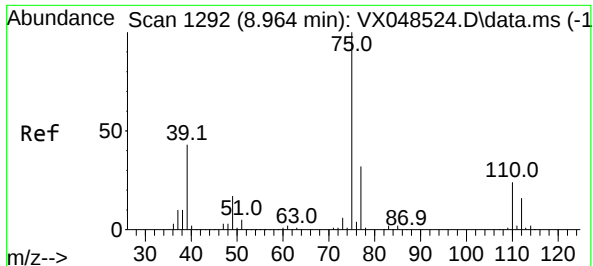
Tgt Ion: 92 Resp: 1006

Ion Ratio Lower Upper

92 100

91 147.6 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 0.131 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.012 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

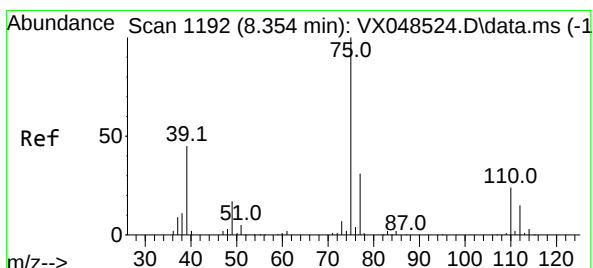
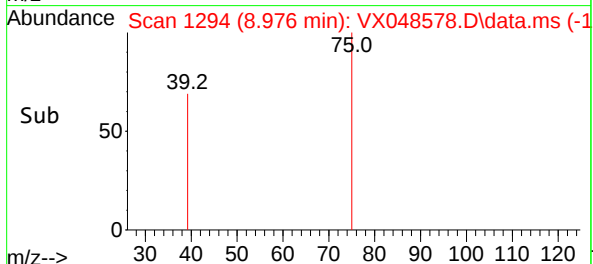
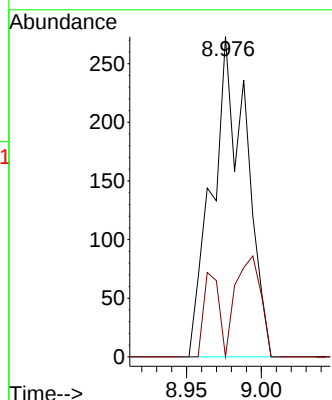
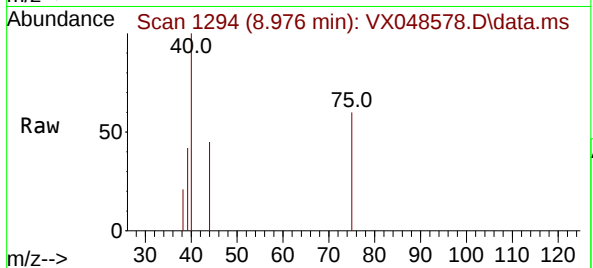
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 433

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



#54

cis-1,3-Dichloropropene

Concen: 0.129 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

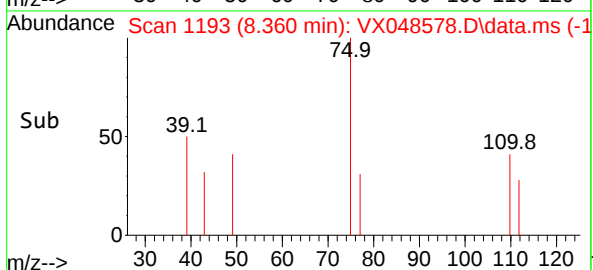
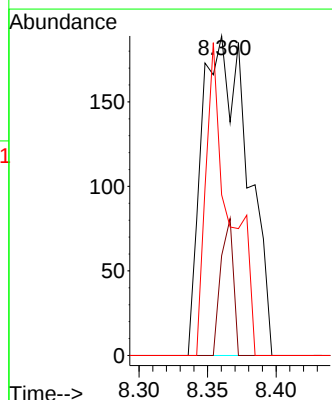
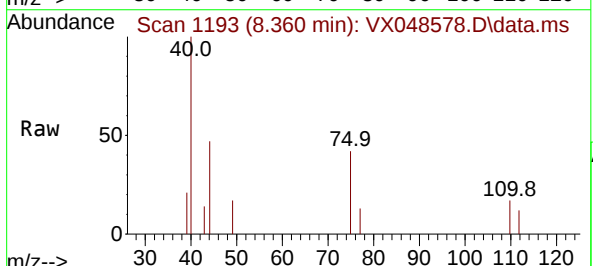
Tgt Ion: 75 Resp: 439

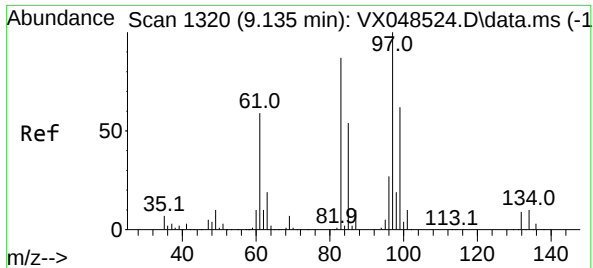
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 50.3 36.1 54.1

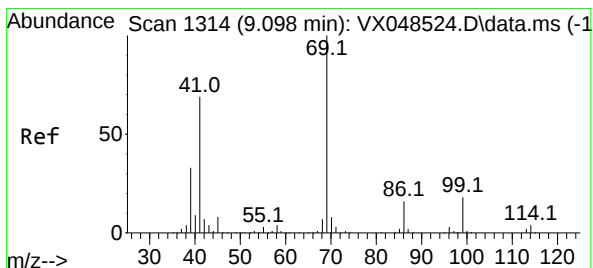
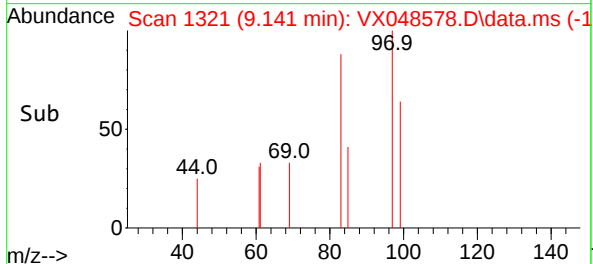
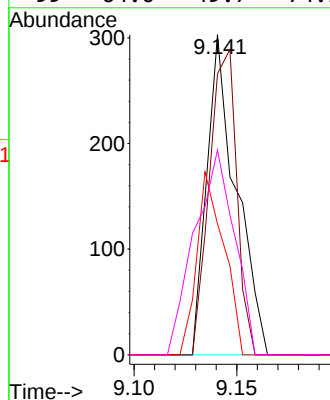
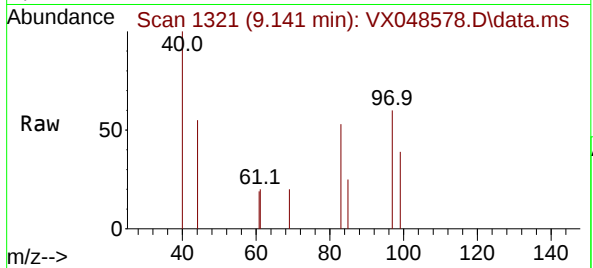




#55
1,1,2-Trichloroethane
Concen: 0.150 ug/l
RT: 9.141 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

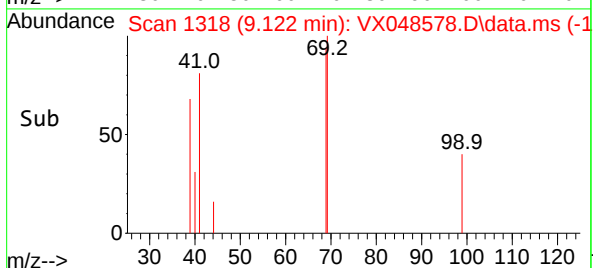
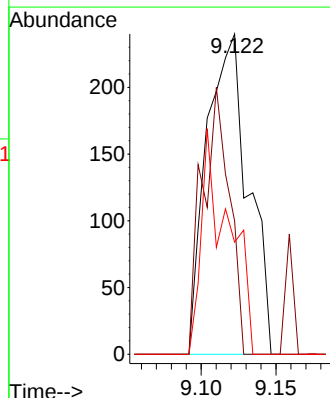
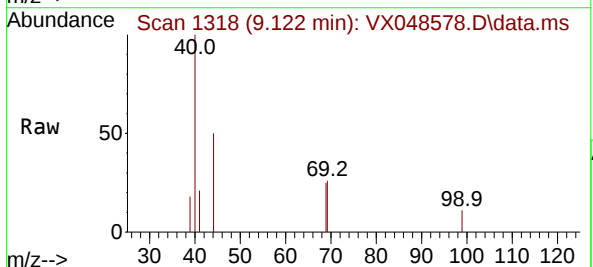
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 97	Resp: 301
Ion Ratio	Lower Upper
97 100	
83 87.8	69.2 103.8
85 40.9	42.8 64.2#
99 64.0	49.7 74.5



#56
Ethyl methacrylate
Concen: 0.139 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.024 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 69	Resp: 464
Ion Ratio	Lower Upper
69 100	
41 54.1	53.3 79.9
39 46.3	26.1 39.1#





#57

1,3-Dichloropropane

Concen: 0.156 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.012 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

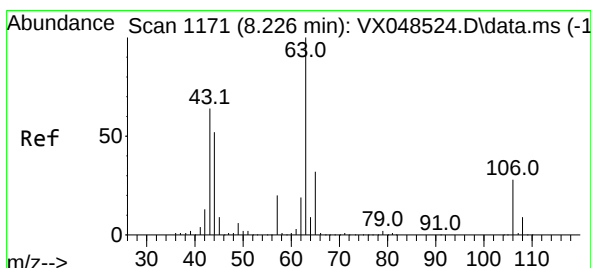
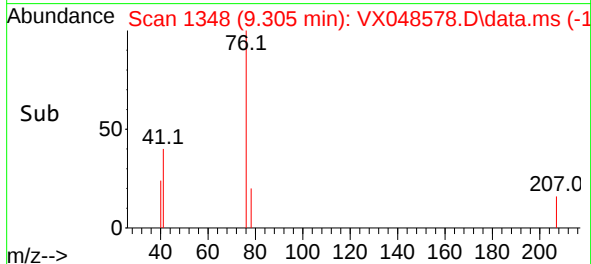
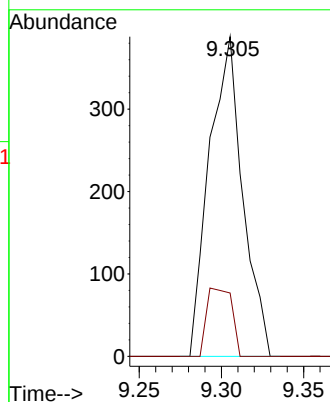
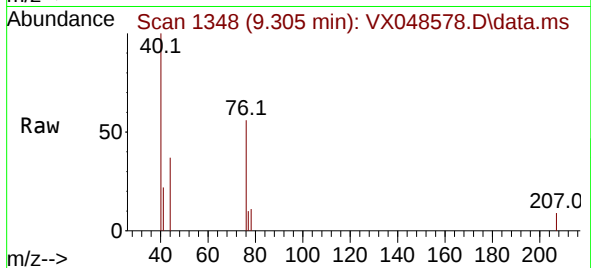
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 548

Ion Ratio Lower Upper

76 100

78 16.1 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.788 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.012 min

Lab File: VX048578.D

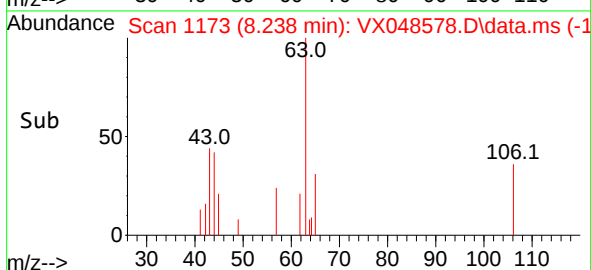
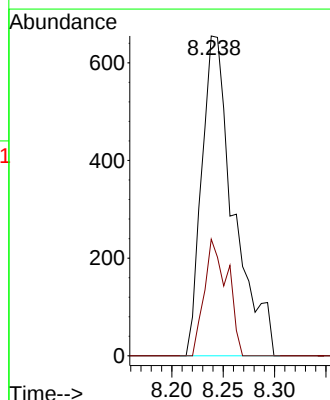
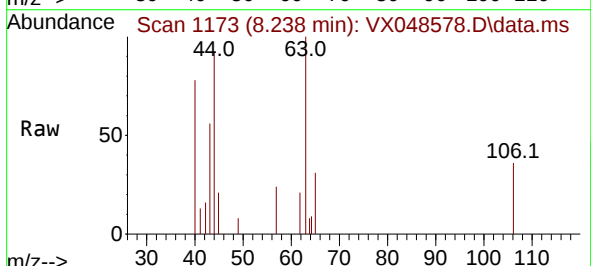
Acq: 12 Nov 2025 15:05

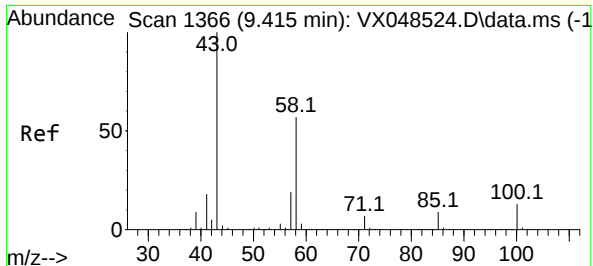
Tgt Ion: 63 Resp: 1419

Ion Ratio Lower Upper

63 100

106 26.5 23.0 34.4





#59

2-Hexanone

Concen: 0.685 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

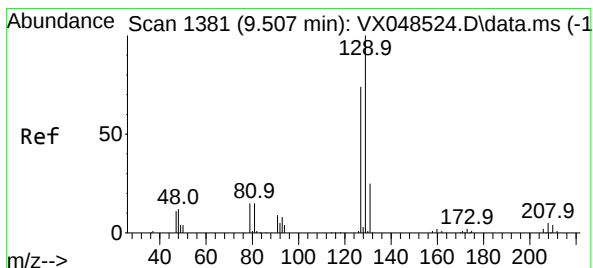
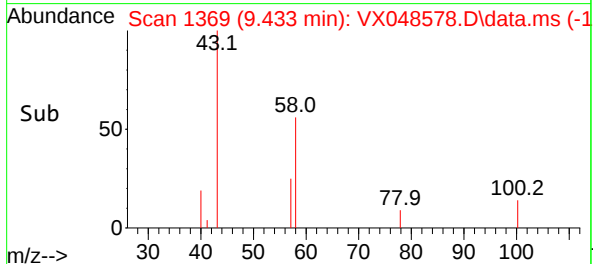
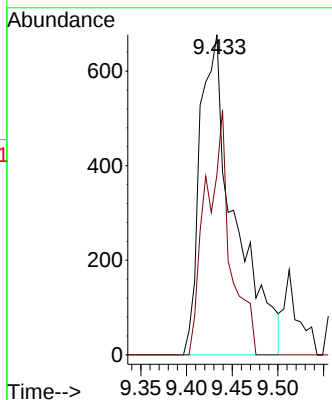
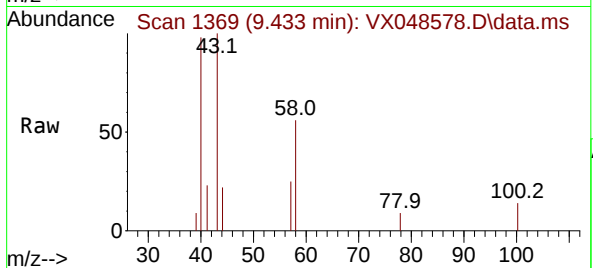
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

58 54.2 28.1 84.2



#60

Dibromochloromethane

Concen: 0.183 ug/l

RT: 9.512 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VX048578.D

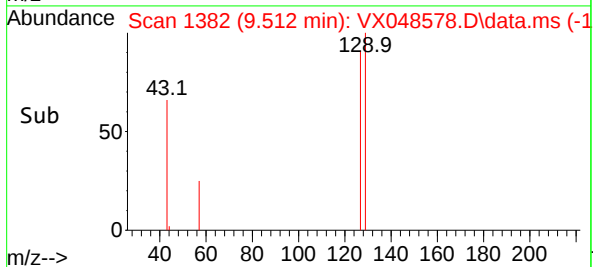
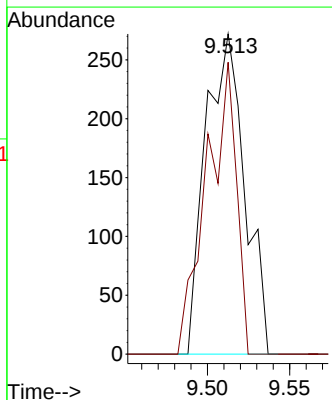
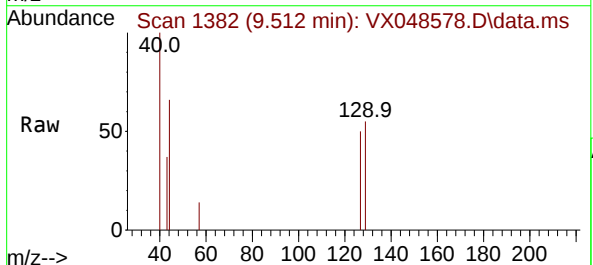
Acq: 12 Nov 2025 15:05

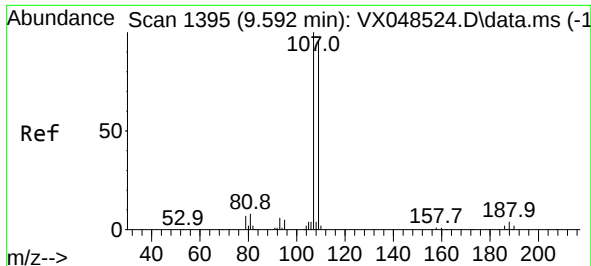
Tgt Ion: 129 Resp: 451

Ion Ratio Lower Upper

129 100

127 69.2 38.0 114.0

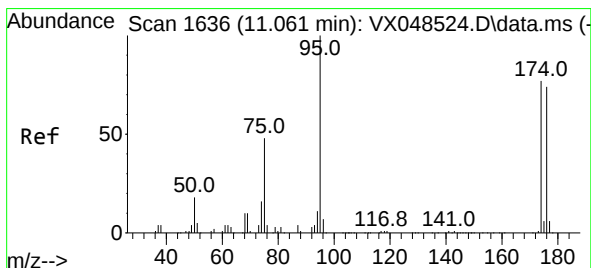
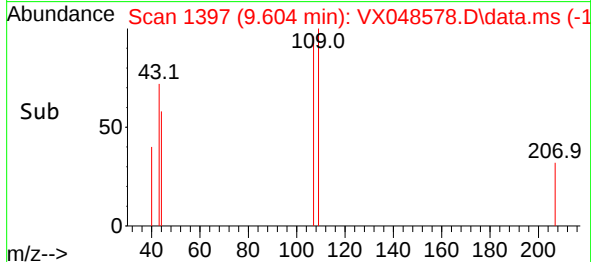
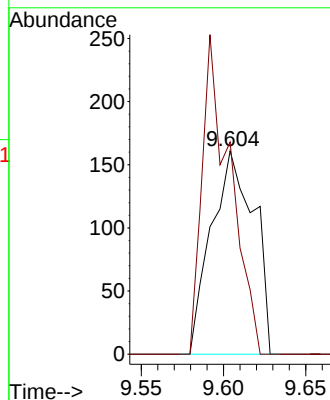
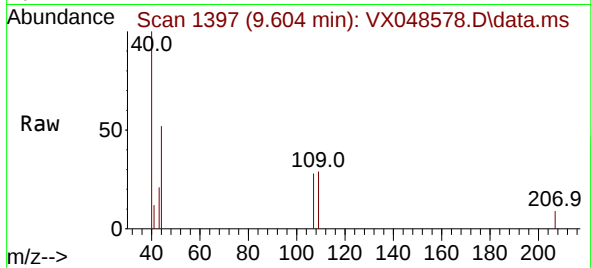




#61
1,2-Dibromoethane
Concen: 0.133 ug/l
RT: 9.604 min Scan# 1395
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

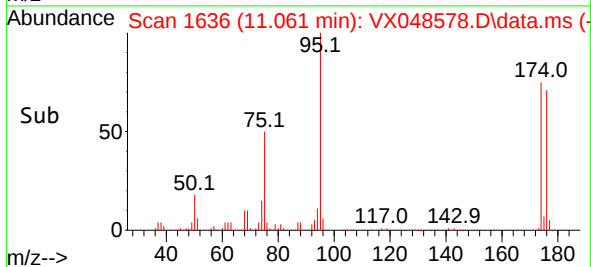
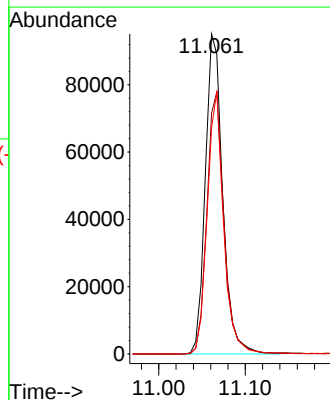
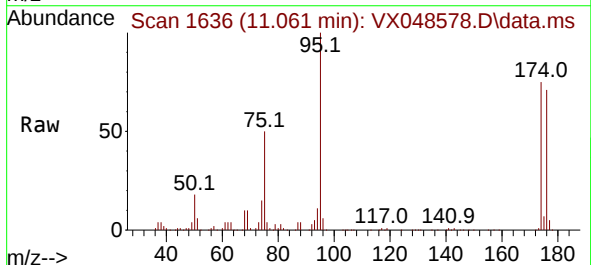
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

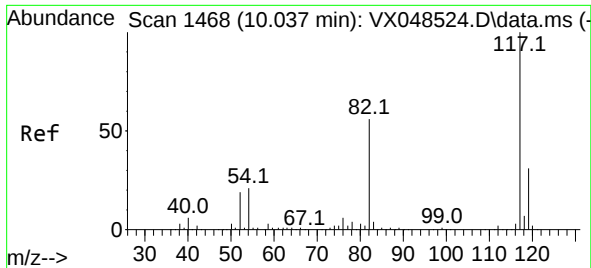
Tgt Ion:107 Resp: 290
Ion Ratio Lower Upper
107 100
109 103.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.236 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 95 Resp: 131896
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.8
176 77.9 0.0 153.6

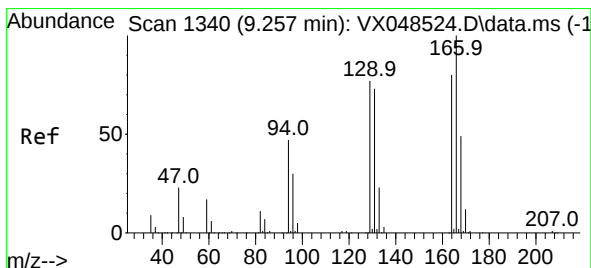
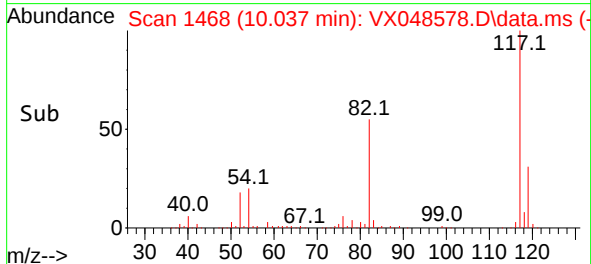
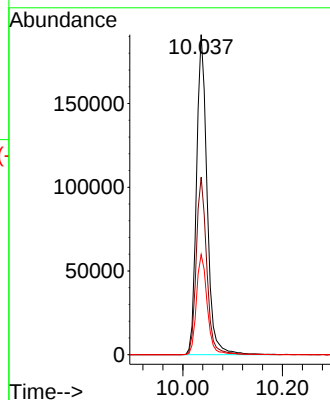
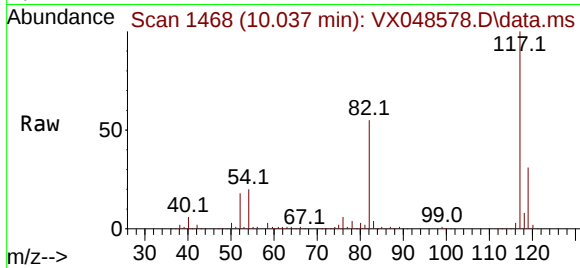




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

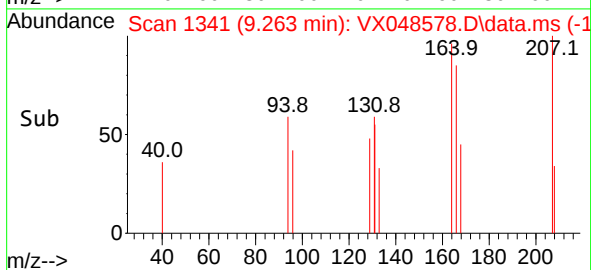
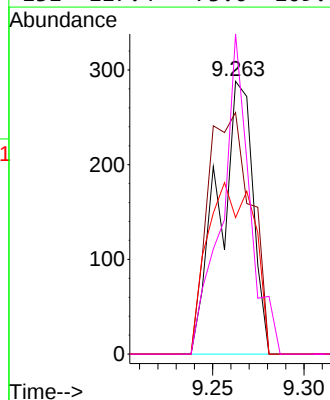
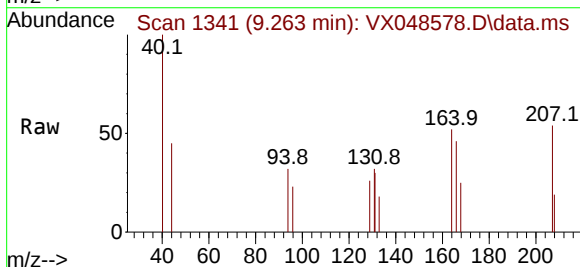
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

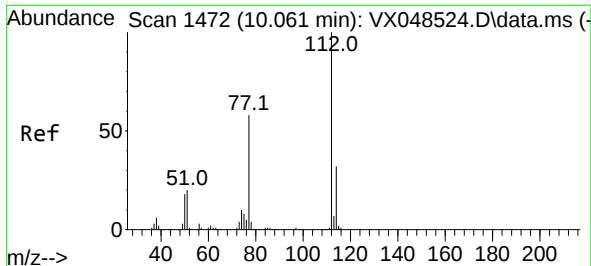
Tgt Ion:117 Resp: 281055
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 0.184 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:164 Resp: 376
Ion Ratio Lower Upper
164 100
166 88.5 100.6 150.8#
129 50.0 77.6 116.4#
131 117.4 73.0 109.6#

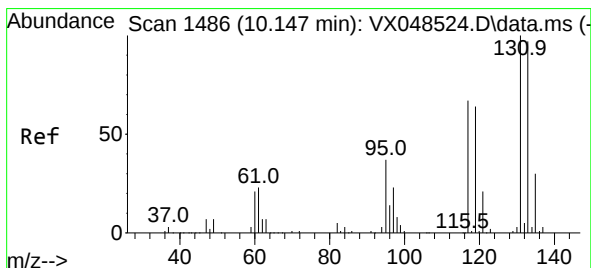
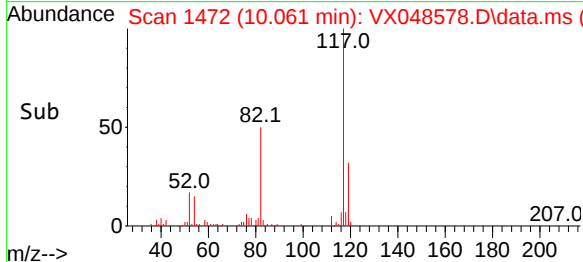
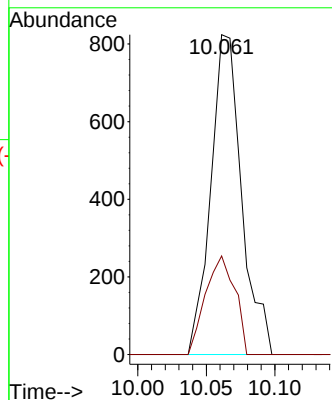
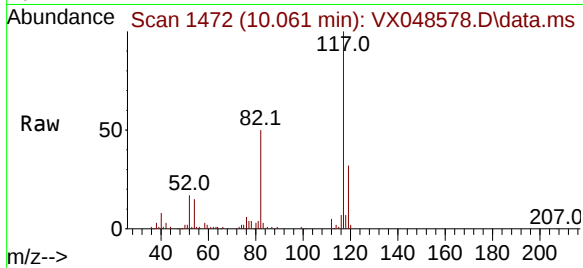




#65
Chlorobenzene
Concen: 0.193 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

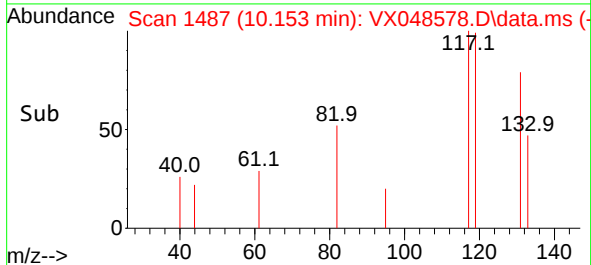
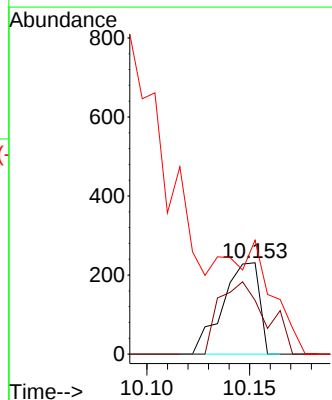
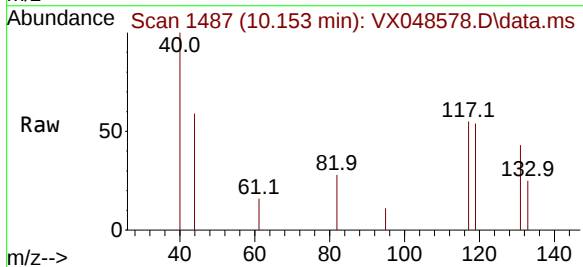
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

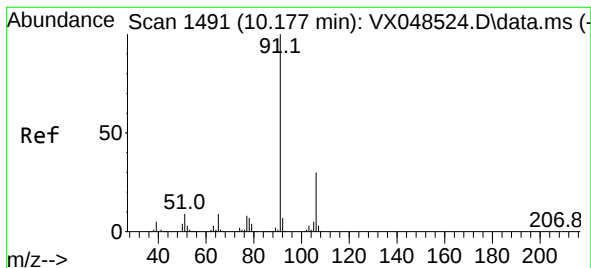
Tgt Ion:112 Resp: 1289
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.128 ug/l
RT: 10.153 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:131 Resp: 287
Ion Ratio Lower Upper
131 100
133 101.0 47.9 143.7
119 0.0 32.8 98.3#





#67

Ethyl Benzene

Concen: 0.165 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

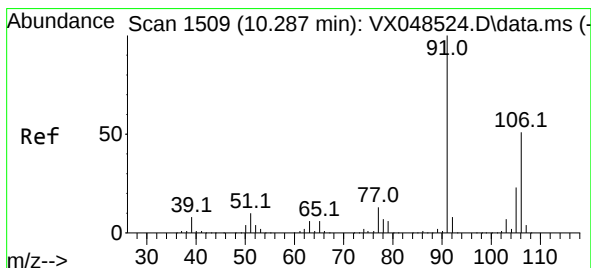
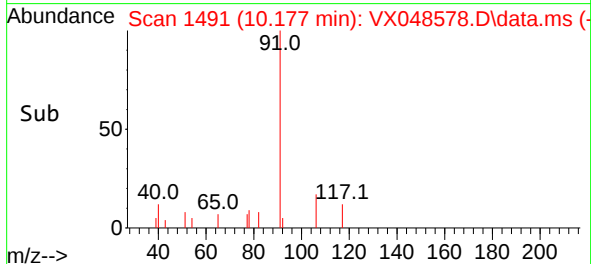
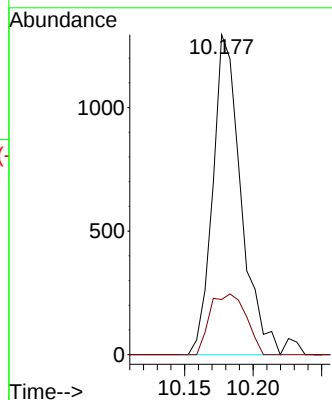
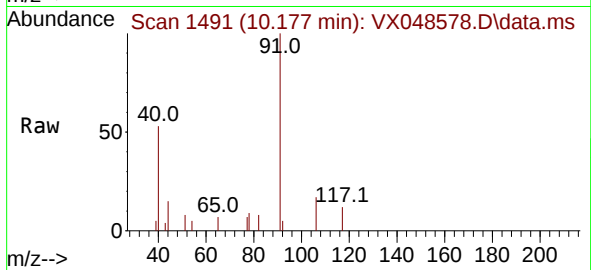
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 1852

Ion Ratio Lower Upper

91 100

106 17.2 24.1 36.1#



#68

m/p-Xylenes

Concen: 0.286 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048578.D

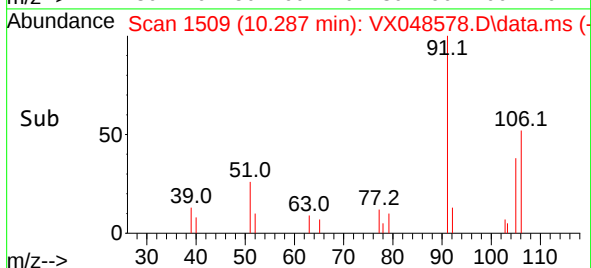
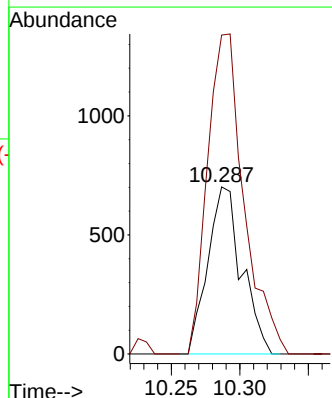
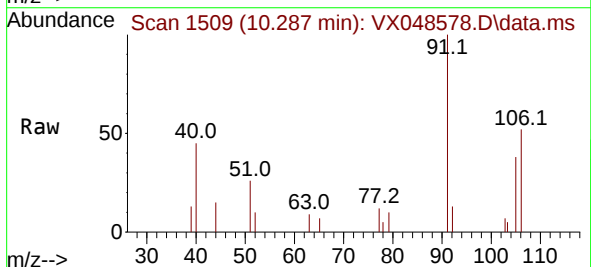
Acq: 12 Nov 2025 15:05

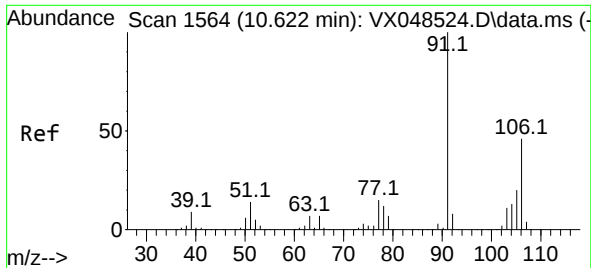
Tgt Ion: 106 Resp: 1207

Ion Ratio Lower Upper

106 100

91 205.8 159.6 239.4

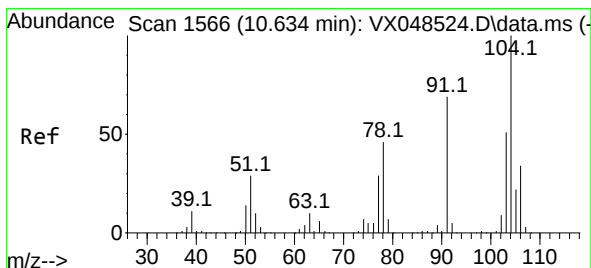
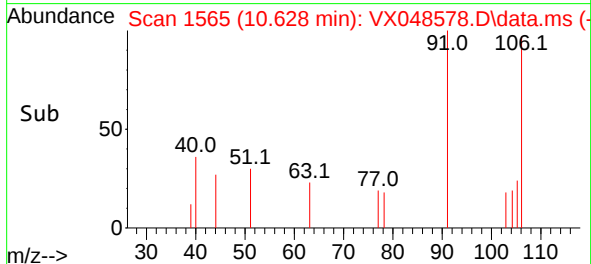
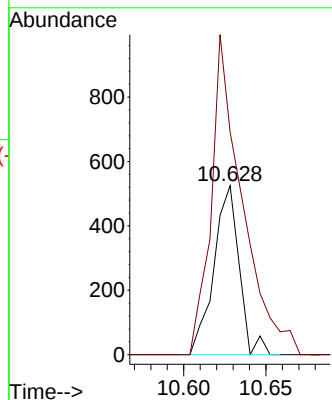
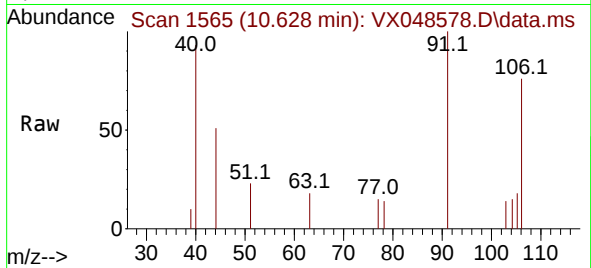




#69
o-Xylene
Concen: 0.136 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

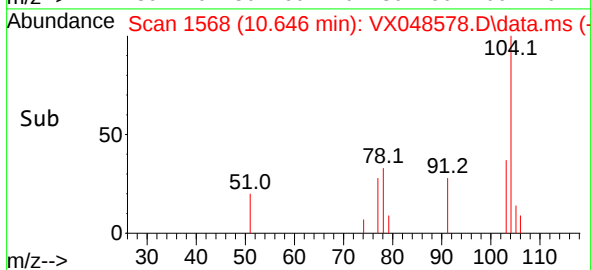
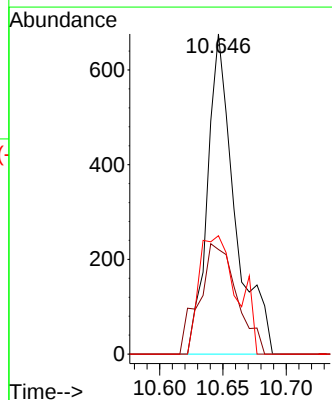
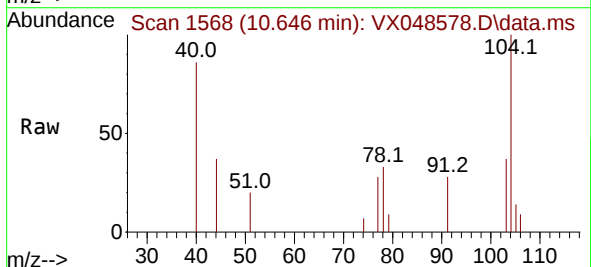
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

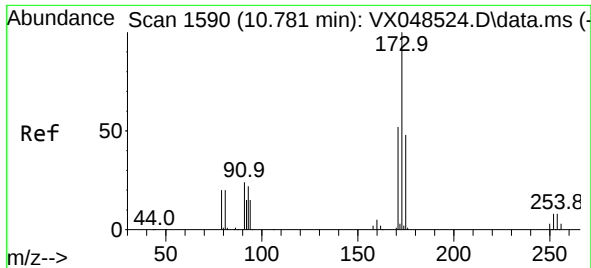
Tgt Ion:106 Resp: 561
Ion Ratio Lower Upper
106 100
91 231.2 106.4 319.2



#70
Styrene
Concen: 0.147 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:104 Resp: 1021
Ion Ratio Lower Upper
104 100
78 47.2 39.4 59.2
103 51.2 43.1 64.7

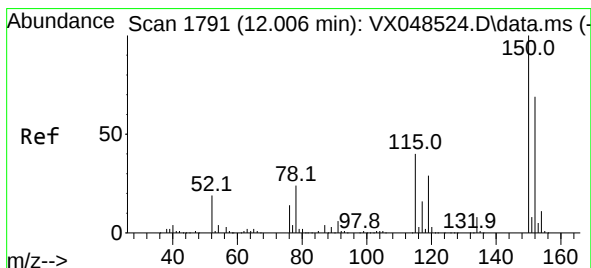
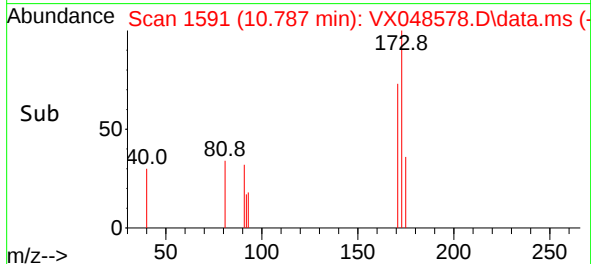
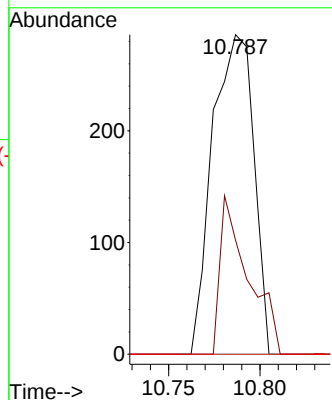
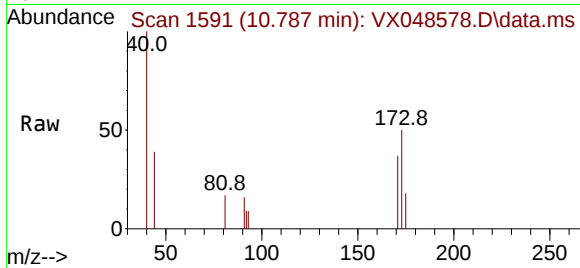




#71
Bromoform
Concen: 0.218 ug/l
RT: 10.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

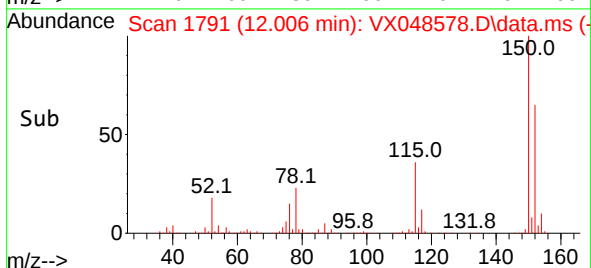
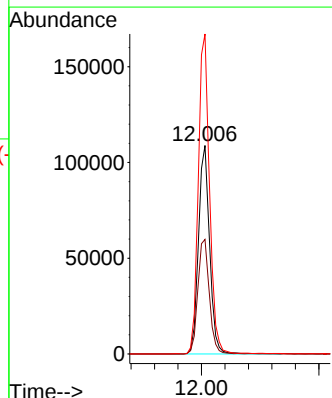
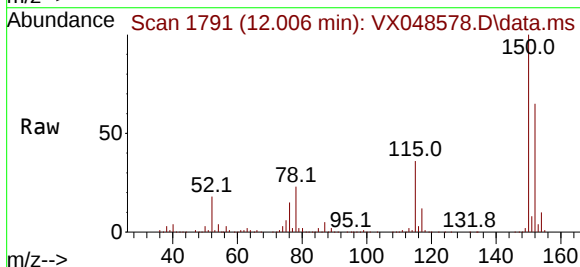
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

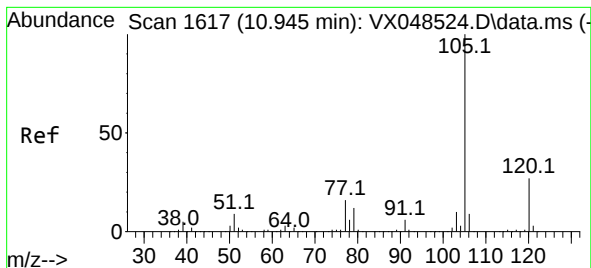
Tgt Ion:173 Resp: 449
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:152 Resp: 143278
Ion Ratio Lower Upper
152 100
115 56.7 39.2 117.6
150 154.0 0.0 347.0





#73

Isopropylbenzene

Concen: 0.145 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

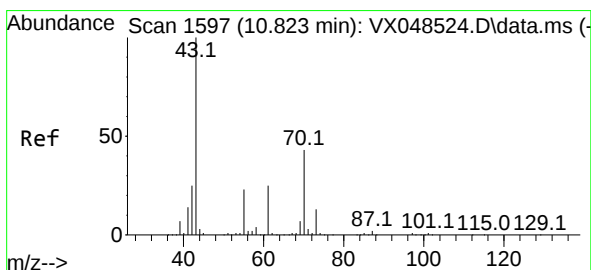
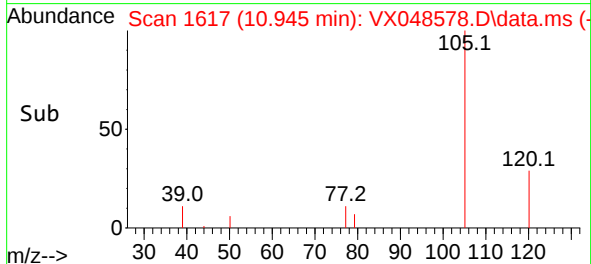
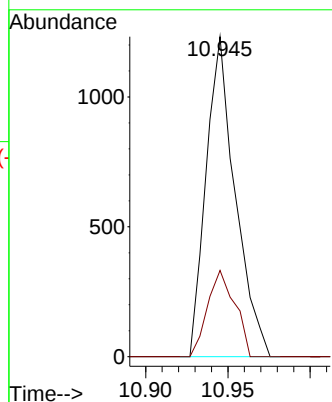
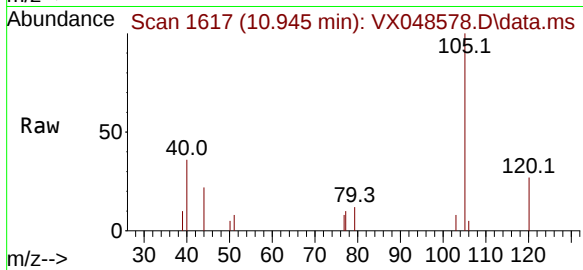
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 1513

Ion Ratio Lower Upper

105 100

120 25.3 13.6 40.7



#74

N-ethyl acetate

Concen: 0.107 ug/l

RT: 10.835 min Scan# 1599

Delta R.T. 0.012 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Tgt Ion: 43 Resp: 557

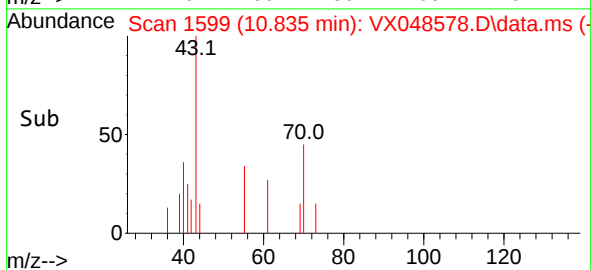
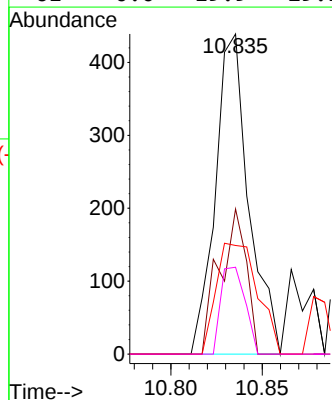
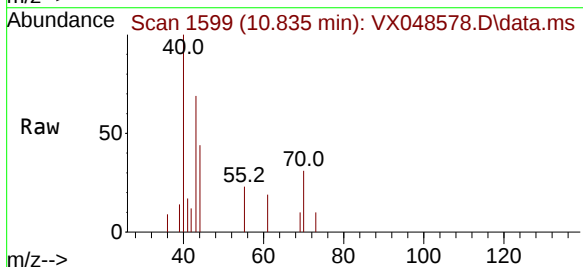
Ion Ratio Lower Upper

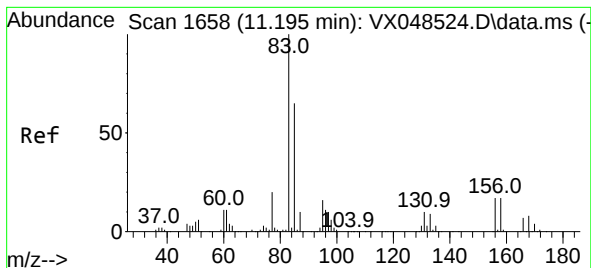
43 100

70 36.4 35.1 52.7

55 43.1 19.3 28.9#

61 0.0 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.137 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

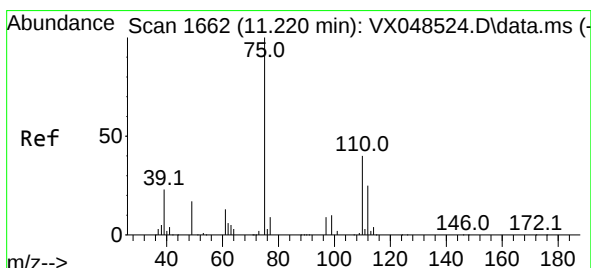
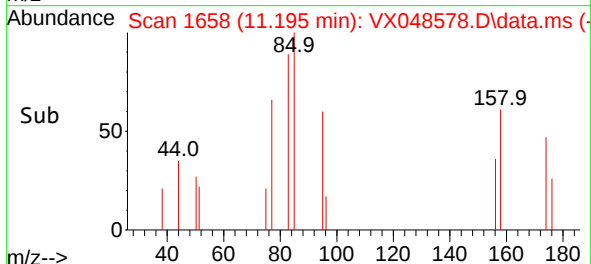
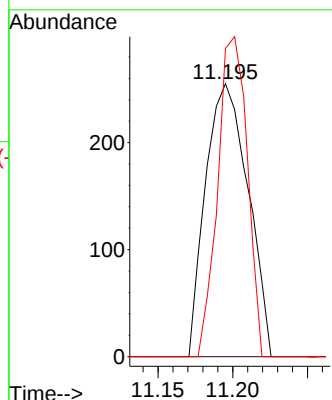
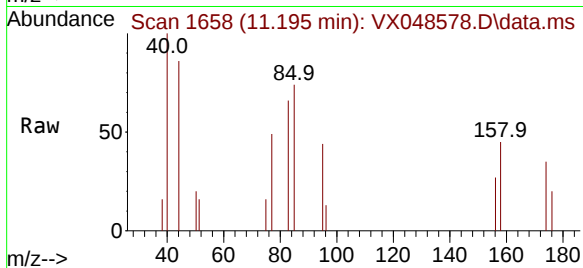
Tgt Ion: 83 Resp: 503

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 81.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 18.478 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048578.D

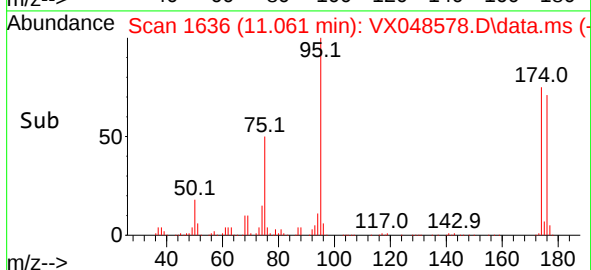
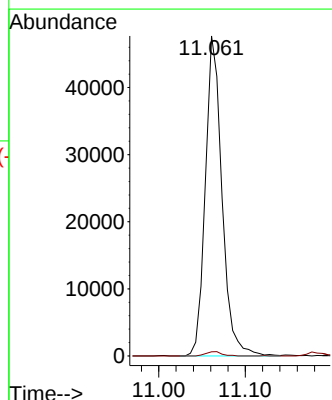
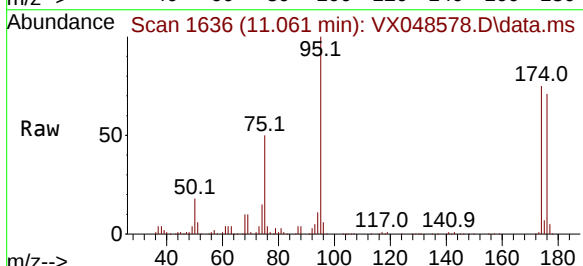
Acq: 12 Nov 2025 15:05

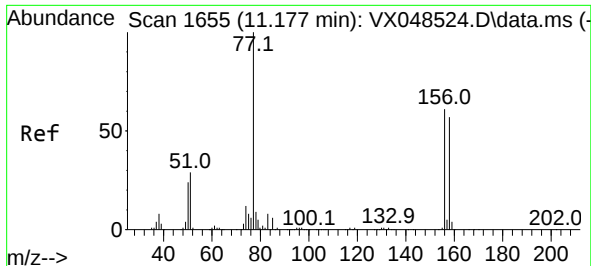
Tgt Ion: 75 Resp: 63782

Ion Ratio Lower Upper

75 100

77 1.3 24.3 72.8#

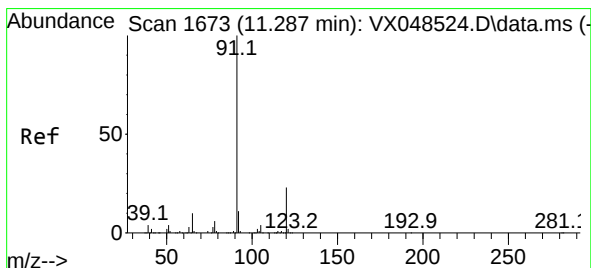
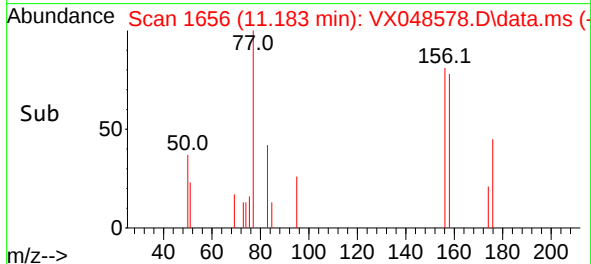
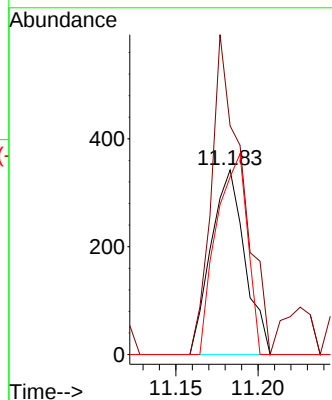
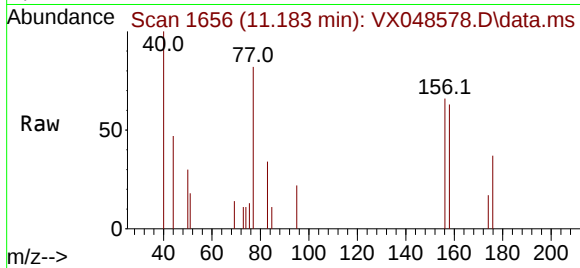




#77
Bromobenzene
Concen: 0.182 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

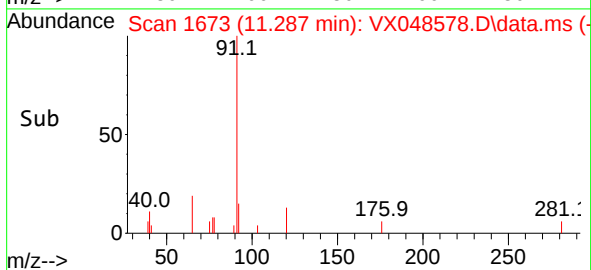
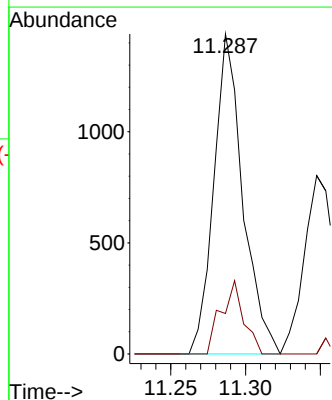
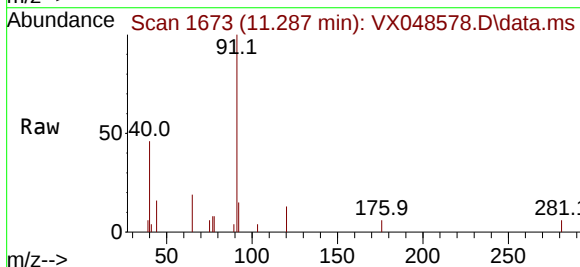
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

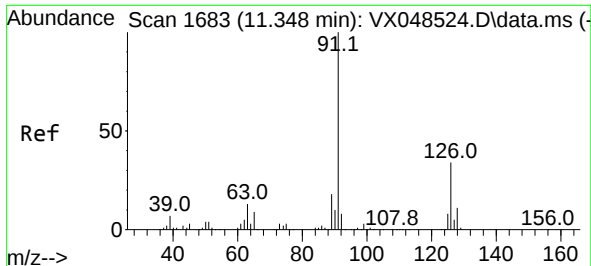
Tgt Ion	Ratio	Lower	Upper
156	100		
77	162.8	78.1	234.4
158	99.4	48.5	145.5



#78
n-propylbenzene
Concen: 0.159 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	17.7	11.6	34.8

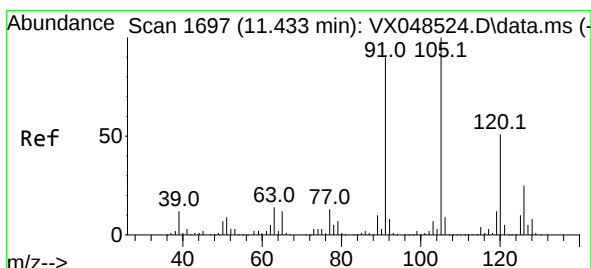
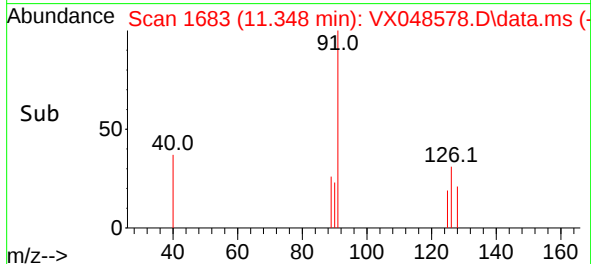
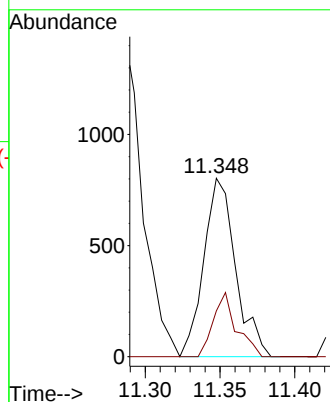
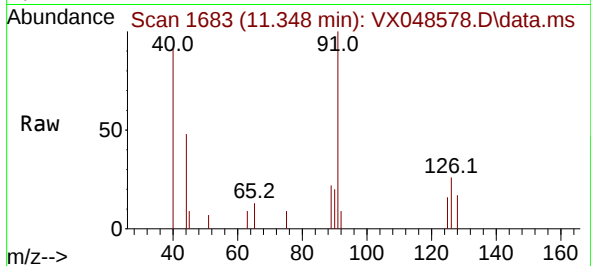




#79
2-Chlorotoluene
Concen: 0.160 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

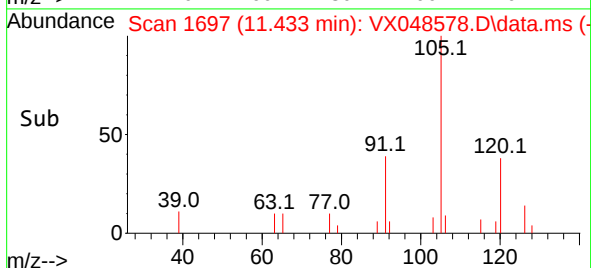
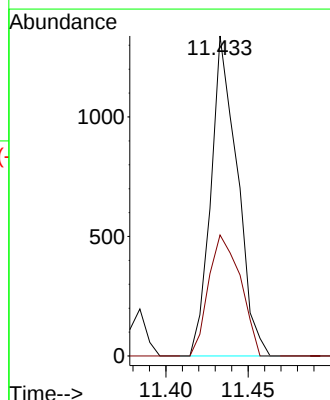
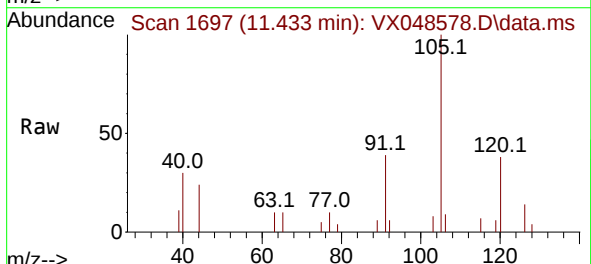
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

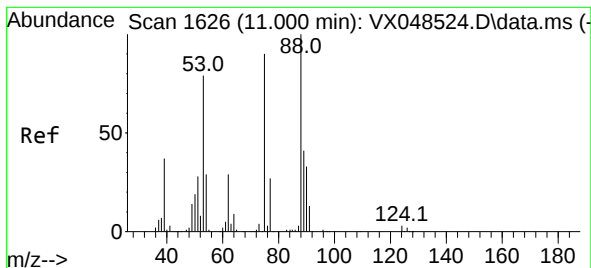
Tgt Ion: 91 Resp: 1186
Ion Ratio Lower Upper
91 100
126 26.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.176 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 105 Resp: 1496
Ion Ratio Lower Upper
105 100
120 45.5 25.1 75.2

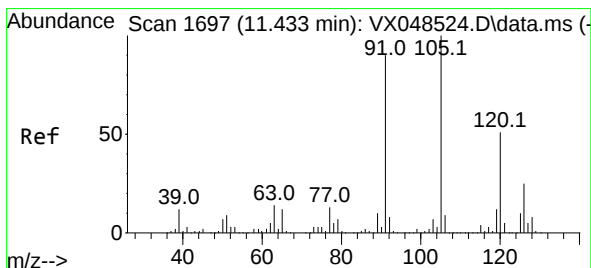
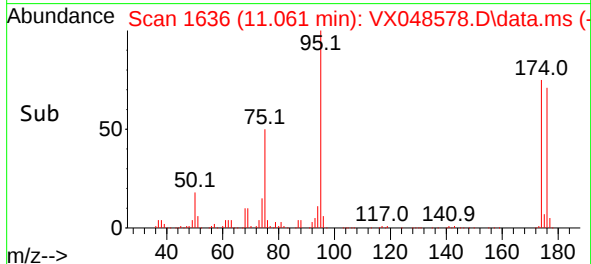
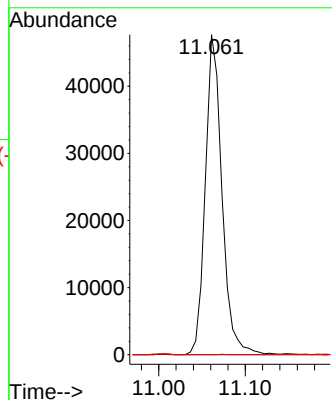
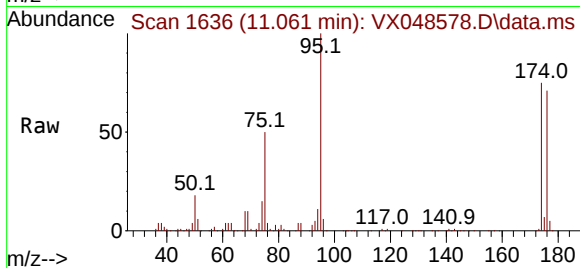




#81
trans-1,4-Dichloro-2-butene
Concen: 52.853 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

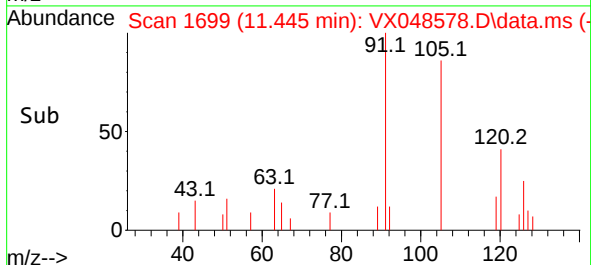
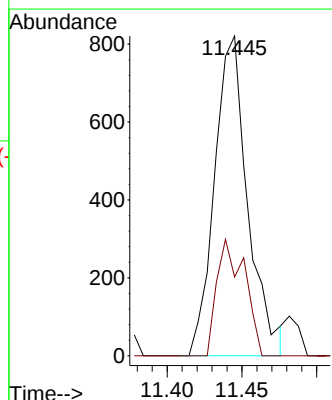
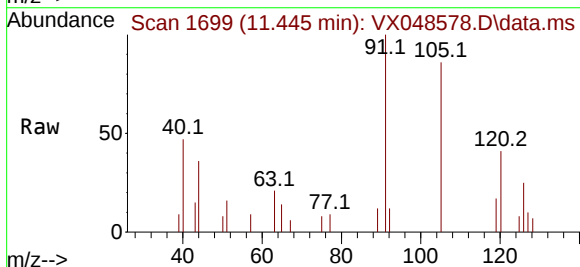
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

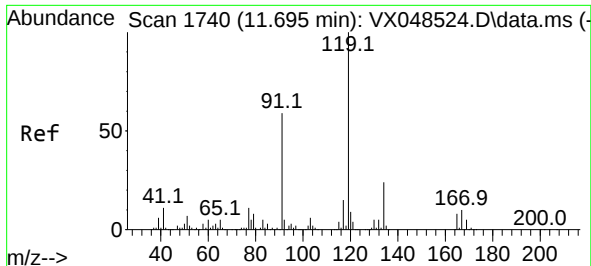
Tgt Ion: 75 Resp: 63782
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#



#82
4-Chlorotoluene
Concen: 0.146 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 91 Resp: 1267
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.7

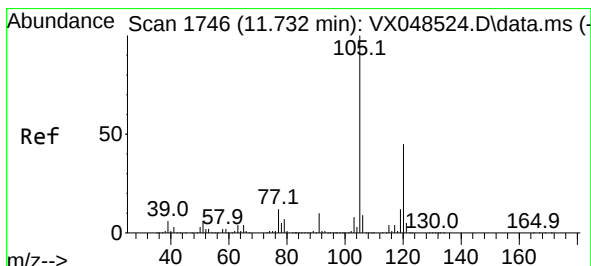
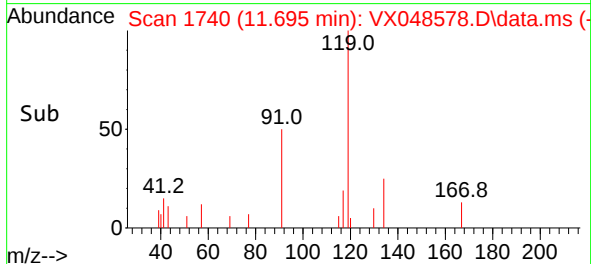
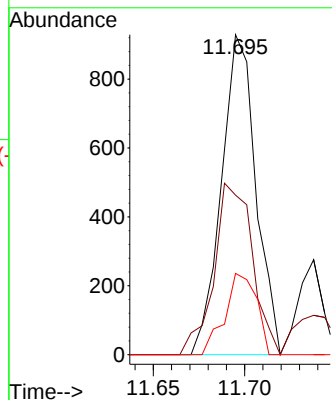
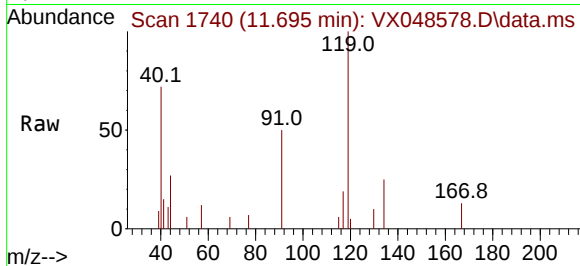




#83
tert-Butylbenzene
Concen: 0.139 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

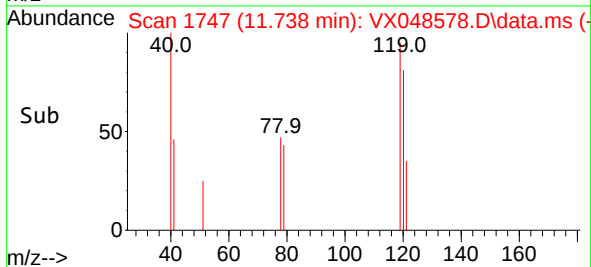
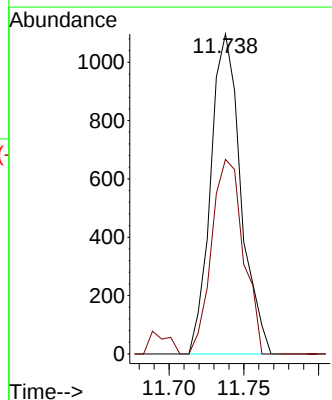
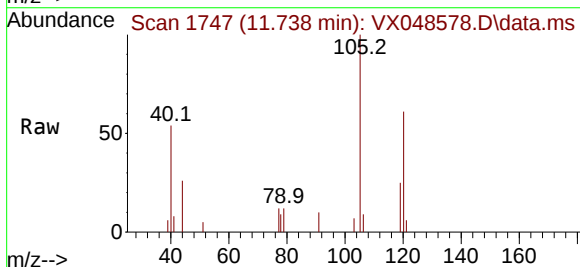
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

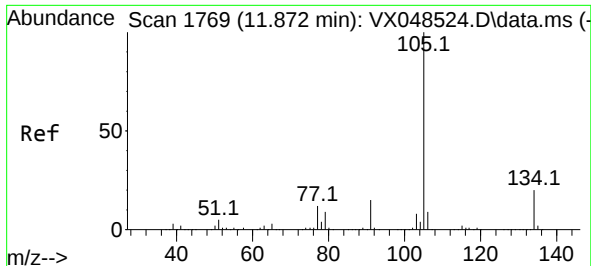
Tgt Ion:119 Resp: 1220
Ion Ratio Lower Upper
119 100
91 59.4 27.1 81.3
134 23.3 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 0.180 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:105 Resp: 1538
Ion Ratio Lower Upper
105 100
120 64.0 22.4 67.0

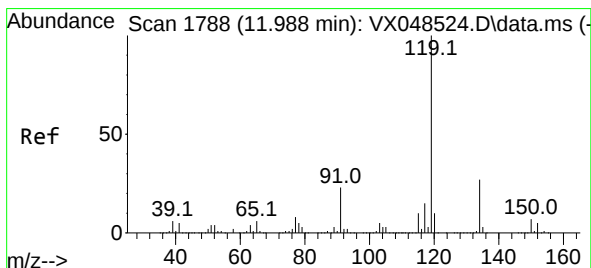
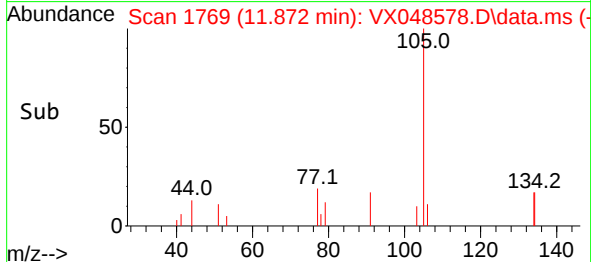
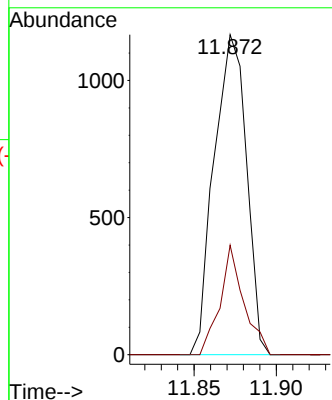
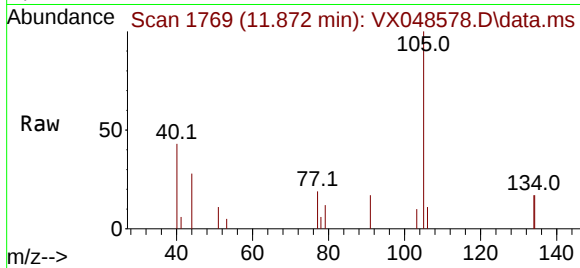




#85
 sec-Butylbenzene
 Concen: 0.147 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048578.D
 Acq: 12 Nov 2025 15:05

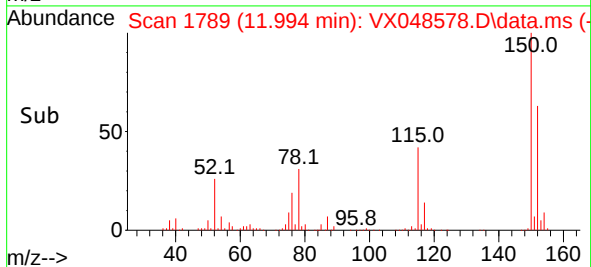
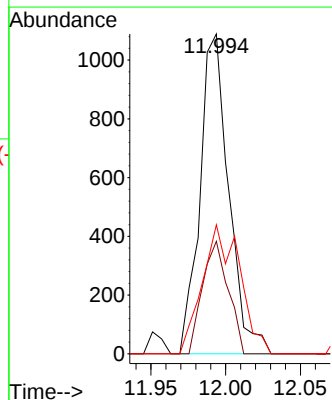
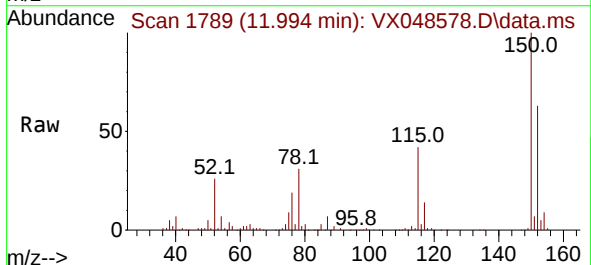
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

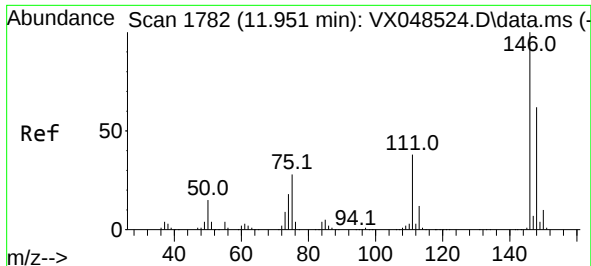
Tgt Ion:105 Resp: 1597
 Ion Ratio Lower Upper
 105 100
 134 25.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.160 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048578.D
 Acq: 12 Nov 2025 15:05

Tgt Ion:119 Resp: 1462
 Ion Ratio Lower Upper
 119 100
 134 31.3 13.2 39.5
 91 52.3 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.172 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

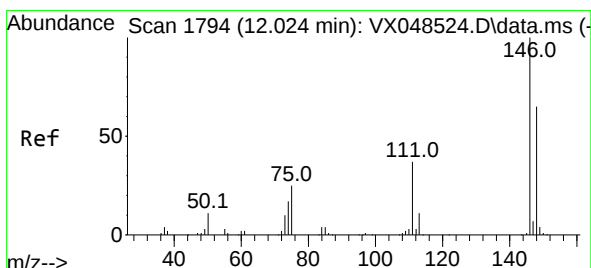
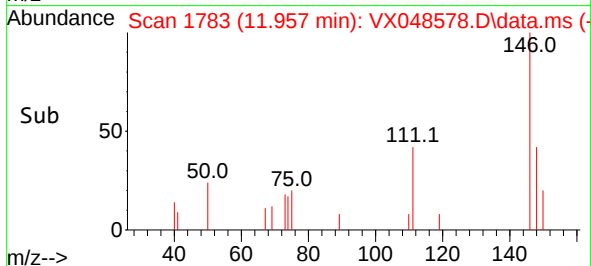
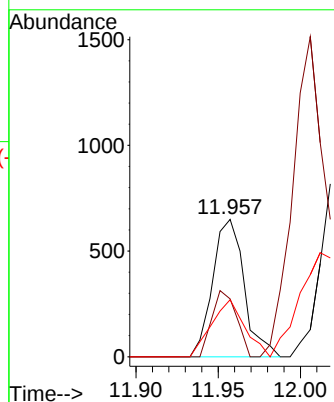
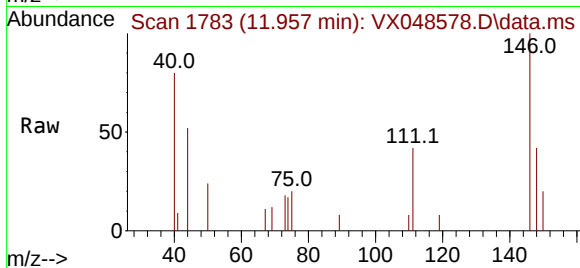
Tgt Ion:146 Resp: 864

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.4

148 43.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.166 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. -0.067 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

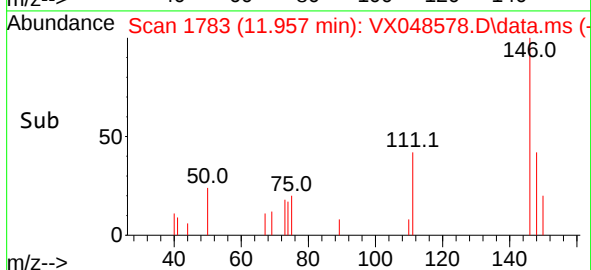
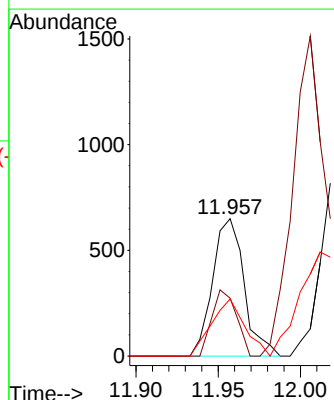
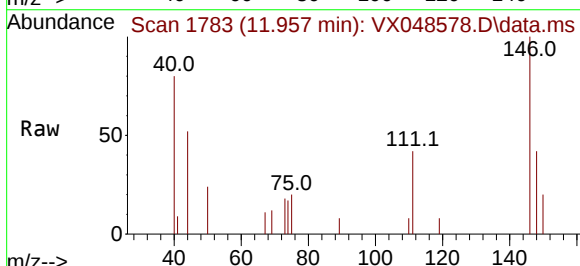
Tgt Ion:146 Resp: 864

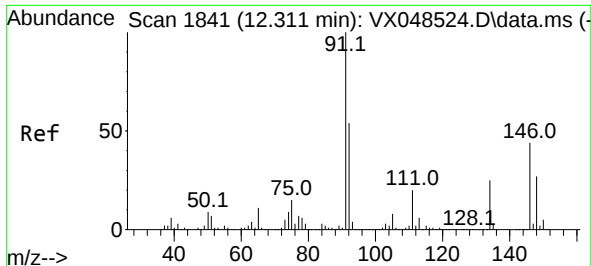
Ion Ratio Lower Upper

146 100

111 37.5 19.2 57.6

148 43.9 31.9 95.9





#89

n-Butylbenzene

Concen: 0.225 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048578.D

Acq: 12 Nov 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

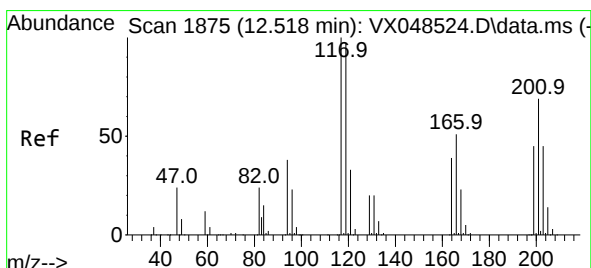
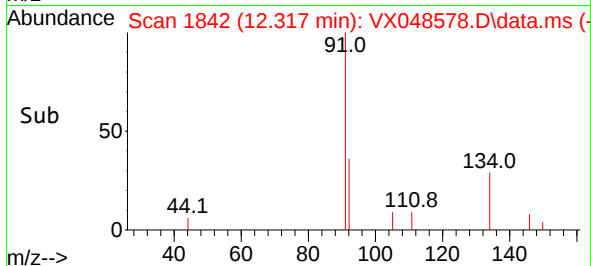
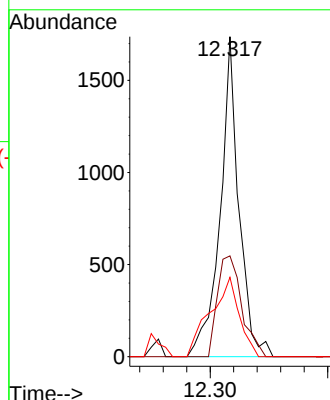
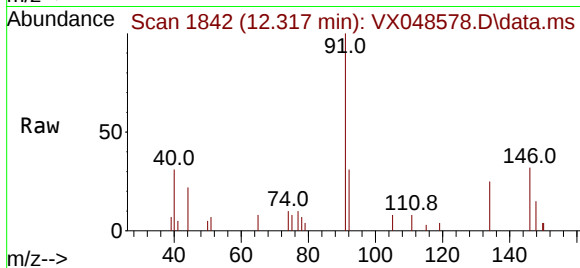
Tgt Ion: 91 Resp: 1925

Ion Ratio Lower Upper

91 100

92 40.8 27.2 81.5

134 38.4 13.0 39.0



#90

Hexachloroethane

Concen: 0.185 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048578.D

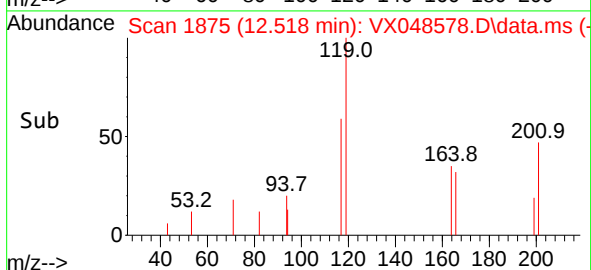
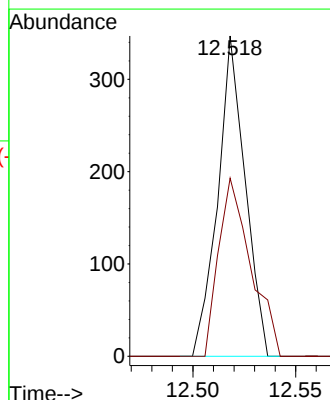
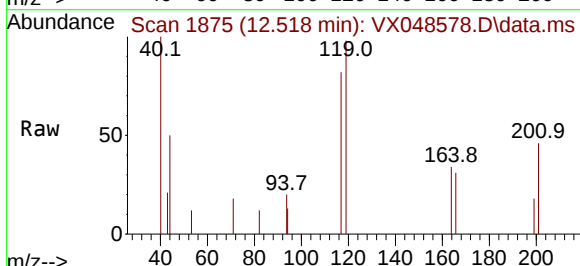
Acq: 12 Nov 2025 15:05

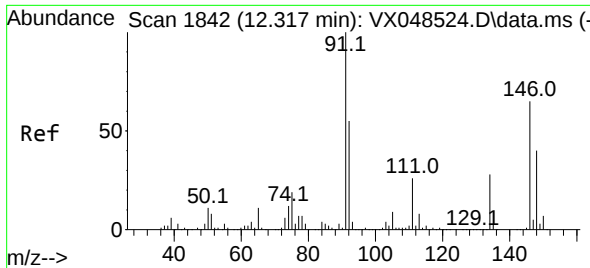
Tgt Ion: 117 Resp: 322

Ion Ratio Lower Upper

117 100

201 65.2 35.9 107.8

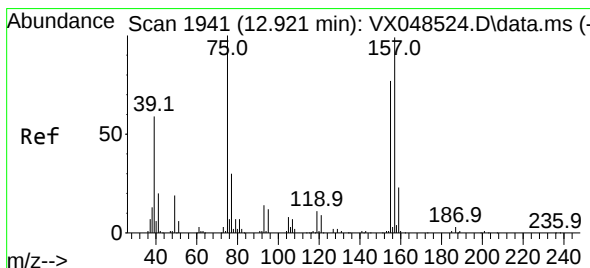
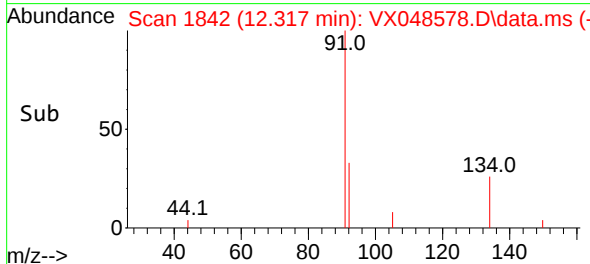
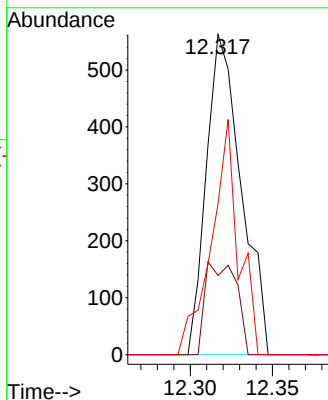
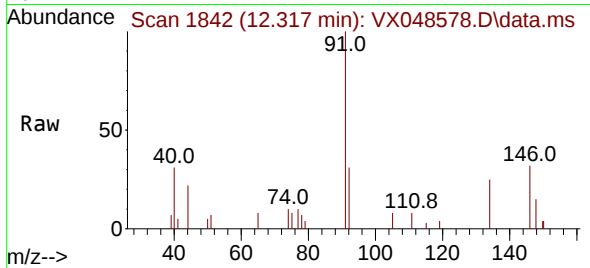




#91
1,2-Dichlorobenzene
Concen: 0.172 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

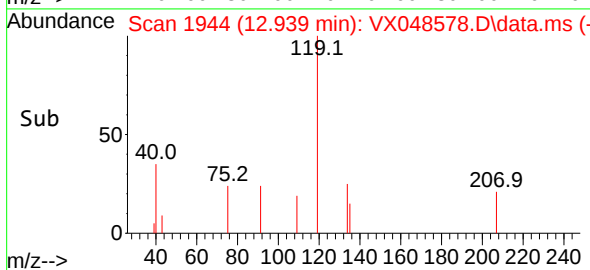
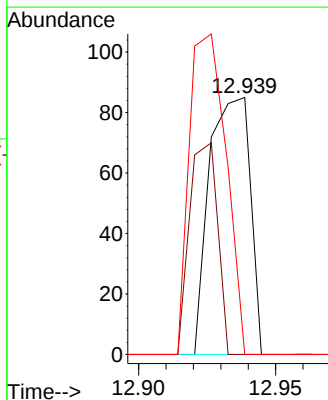
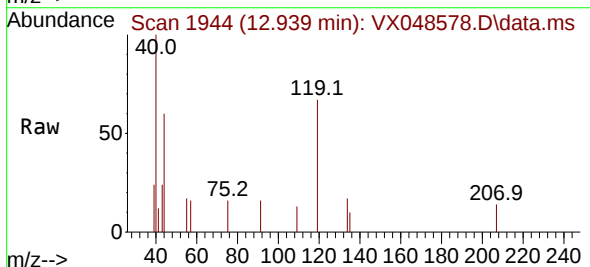
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

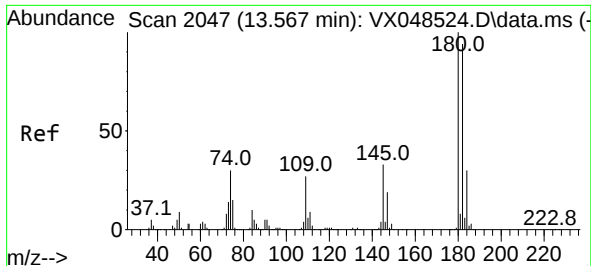
Tgt Ion:146	Resp:	831
Ion Ratio	Lower	Upper
146	100	
111	25.5	20.6 61.9
148	56.9	31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.103 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.018 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion: 75	Resp:	88
Ion Ratio	Lower	Upper
75	100	
155	56.8	43.5 130.7
157	112.5	54.8 164.4

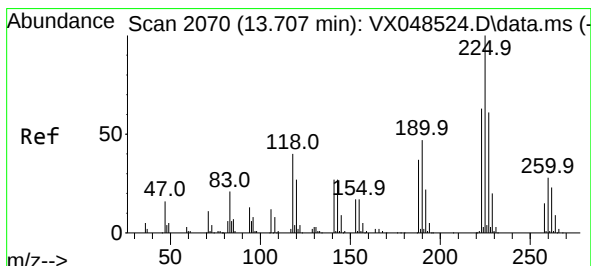
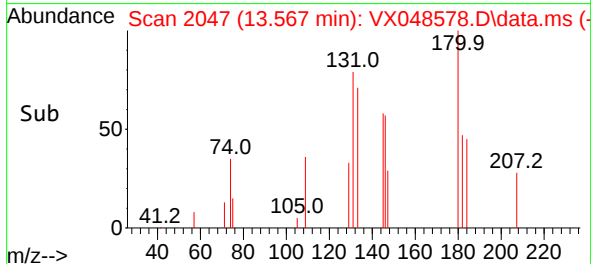
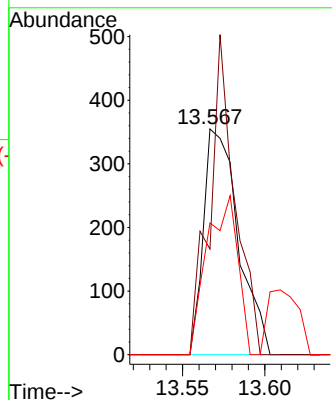
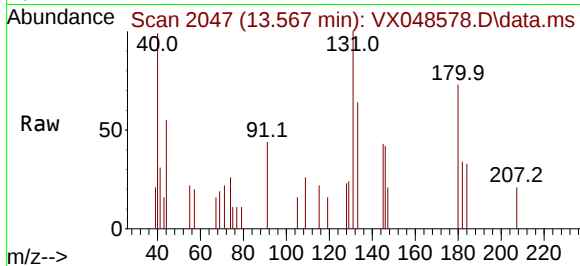




#93
1,2,4-Trichlorobenzene
Concen: 0.163 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

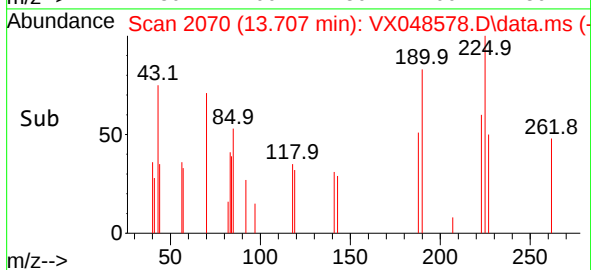
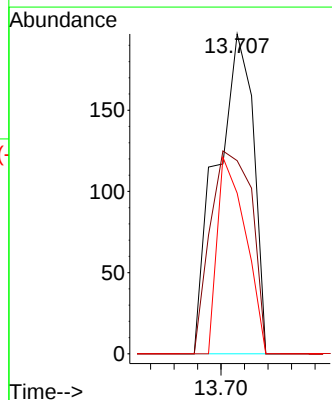
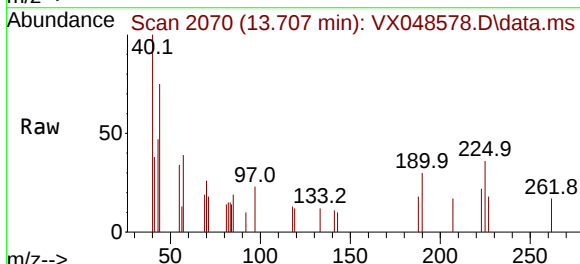
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

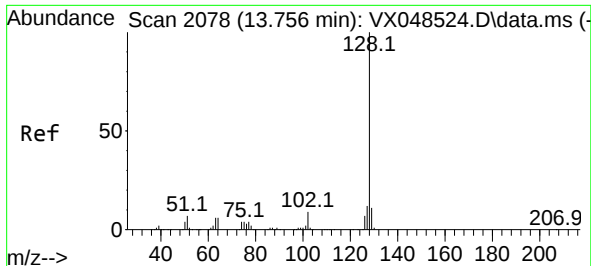
Tgt Ion:180	Resp:	523
Ion Ratio	Lower	Upper
180	100	
182	102.5	47.5 142.6
145	62.3	15.9 47.7#



#94
Hexachlorobutadiene
Concen: 0.160 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:225	Resp:	215
Ion Ratio	Lower	Upper
225	100	
223	71.2	30.6 92.0
227	47.0	32.5 97.4

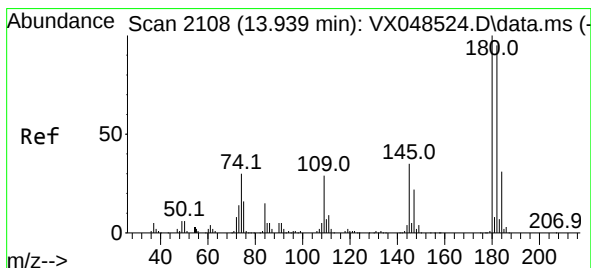
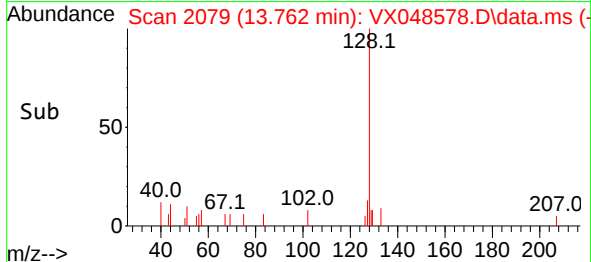
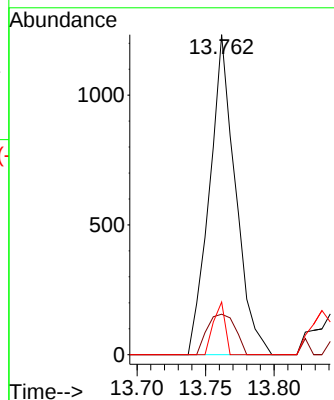
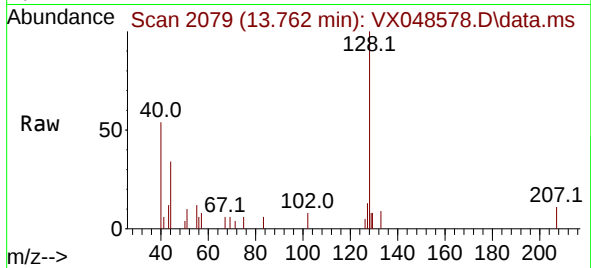




#95
Naphthalene
Concen: 0.157 ug/l
RT: 13.762 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

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

Tgt Ion:128 Resp: 1622
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 7.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048578.D
Acq: 12 Nov 2025 15:05

Tgt Ion:180 Resp: 608
Ion Ratio Lower Upper
180 100
182 91.9 47.3 142.0
145 50.2 16.7 50.0#

