

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048580.D
 Acq On : 12 Nov 2025 15:54
 Operator : JC/MD
 Sample : Q2893-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Nov 14 00:34:37 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	5.537	168	201965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	334743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	305256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119997	42.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.280%
35) Dibromofluoromethane	5.373	113	103488	40.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.700%
50) Toluene-d8	8.634	98	362446	45.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.740%#
62) 4-Bromofluorobenzene	11.061	95	141387	48.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	1105	0.675	ug/l	89
3) Chloromethane	1.300	50	1275	0.587	ug/l #	73
4) Vinyl Chloride	1.379	62	1388	0.565	ug/l	89
5) Bromomethane	1.623	94	1293	0.833	ug/l	97
6) Chloroethane	1.696	64	872	0.542	ug/l #	59
7) Trichlorofluoromethane	1.898	101	2189	0.563	ug/l #	82
8) Diethyl Ether	2.135	74	822	0.527	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.343	101	1359	0.604	ug/l	98
10) Methyl Iodide	2.465	142	2172	0.652	ug/l	97
11) Tert butyl alcohol	2.934	59	1394	2.614	ug/l #	93
12) 1,1-Dichloroethene	2.324	96	1448	0.616	ug/l	91
13) Acrolein	2.239	56	490	6.351	ug/l	98
14) Allyl chloride	2.672	41	2380	0.544	ug/l	94
15) Acrylonitrile	3.068	53	3803	2.443	ug/l	98
16) Acetone	2.373	43	4064	3.051	ug/l #	82
17) Carbon Disulfide	2.519	76	3850	0.582	ug/l	99
18) Methyl Acetate	2.696	43	2010	0.549	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	4290	0.517	ug/l #	87
20) Methylene Chloride	2.794	84	2016	0.736	ug/l	93
21) trans-1,2-Dichloroethene	3.092	96	1636	0.657	ug/l	85
22) Diisopropyl ether	3.757	45	4443	0.529	ug/l #	67
23) Vinyl Acetate	3.720	43	16623	2.258	ug/l	96
24) 1,1-Dichloroethane	3.617	63	2549	0.553	ug/l #	82
25) 2-Butanone	4.562	43	5109	2.593	ug/l	91
26) 2,2-Dichloropropane	4.470	77	2252	0.573	ug/l #	64
27) cis-1,2-Dichloroethene	4.501	96	1783	0.585	ug/l	94
28) Bromochloromethane	4.891	49	960	0.424	ug/l #	88
29) Tetrahydrofuran	5.013	42	3232	2.300	ug/l	93
30) Chloroform	5.074	83	2652	0.557	ug/l	99
31) Cyclohexane	5.458	56	1677	0.444	ug/l #	87
32) 1,1,1-Trichloroethane	5.366	97	2365	0.569	ug/l #	47
36) 1,1-Dichloropropene	5.690	75	2127	0.627	ug/l #	49
37) Ethyl Acetate	4.708	43	2393	0.501	ug/l #	81
38) Carbon Tetrachloride	5.659	117	2315	0.599	ug/l	87
39) Methylcyclohexane	7.372	83	2195	0.576	ug/l	97
40) Benzene	6.031	78	5792	0.551	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	528	0.251	ug/l #	51
42) 1,2-Dichloroethane	6.068	62	1951	0.541	ug/l	89
43) Isopropyl Acetate	6.324	43	2815	0.419	ug/l #	93
44) Trichloroethene	7.116	130	1483	0.590	ug/l	81
45) 1,2-Dichloropropane	7.427	63	1156	0.478	ug/l	95
46) Dibromomethane	7.567	93	1075	0.610	ug/l	91
47) Bromodichloromethane	7.811	83	2096	0.596	ug/l #	89
48) Methyl methacrylate	7.689	41	1331	0.446	ug/l #	73
49) 1,4-Dioxane	7.665	88	451	9.919	ug/l	88
51) 4-Methyl-2-Pentanone	8.561	43	9569	2.504	ug/l	100
52) Toluene	8.707	92	3670	0.663	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	1899	0.524	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	2076	0.553	ug/l #	84
55) 1,1,2-Trichloroethane	9.134	97	1392	0.629	ug/l #	78
56) Ethyl methacrylate	9.110	69	1863	0.506	ug/l	90
57) 1,3-Dichloropropane	9.299	76	2468	0.641	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.232	63	4968	2.511	ug/l	94
59) 2-Hexanone	9.421	43	7570	2.663	ug/l	93
60) Dibromochloromethane	9.506	129	1492	0.549	ug/l	91
61) 1,2-Dibromoethane	9.597	107	1520	0.634	ug/l	99
64) Tetrachloroethene	9.256	164	1305	0.589	ug/l	84
65) Chlorobenzene	10.061	112	3735	0.516	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.146	131	1405	0.579	ug/l #	59
67) Ethyl Benzene	10.177	91	6461	0.531	ug/l	91
68) m/p-Xylenes	10.286	106	4840	1.056	ug/l	94
69) o-Xylene	10.628	106	1984	0.443	ug/l	76
70) Styrene	10.640	104	3671	0.488	ug/l	95
71) Bromoform	10.780	173	1254	0.560	ug/l #	96
73) Isopropylbenzene	10.945	105	5931	0.533	ug/l	96
74) N-amyl acetate	10.829	43	2369	0.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	2156	0.550	ug/l	98
76) 1,2,3-Trichloropropane	11.225	75	2541	0.688	ug/l	70
77) Bromobenzene	11.183	156	1689	0.588	ug/l	93
78) n-propylbenzene	11.286	91	7004	0.536	ug/l	93
79) 2-Chlorotoluene	11.347	91	4480	0.567	ug/l	97
80) 1,3,5-Trimethylbenzene	11.439	105	4643	0.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	66781	51.750	ug/l #	12
82) 4-Chlorotoluene	11.439	91	4908	0.530	ug/l	97
83) tert-Butylbenzene	11.695	119	5395	0.575	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	4968	0.543	ug/l	99
85) sec-Butylbenzene	11.871	105	5682	0.490	ug/l	100
86) p-Isopropyltoluene	11.987	119	4863	0.499	ug/l	87
87) 1,3-Dichlorobenzene	11.951	146	2893	0.538	ug/l	93
88) 1,4-Dichlorobenzene	11.951	146	2893	0.520	ug/l	92
89) n-Butylbenzene	12.316	91	5043	0.552	ug/l	94
90) Hexachloroethane	12.518	117	923	0.497	ug/l	92
91) 1,2-Dichlorobenzene	12.323	146	2699	0.522	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.926	75	361	0.396	ug/l	87
93) 1,2,4-Trichlorobenzene	13.572	180	1883	0.548	ug/l	90
94) Hexachlorobutadiene	13.706	225	758	0.528	ug/l	88
95) Naphthalene	13.761	128	5204	0.471	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	1601	0.501	ug/l	92

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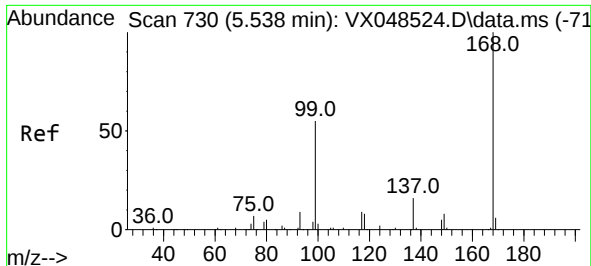
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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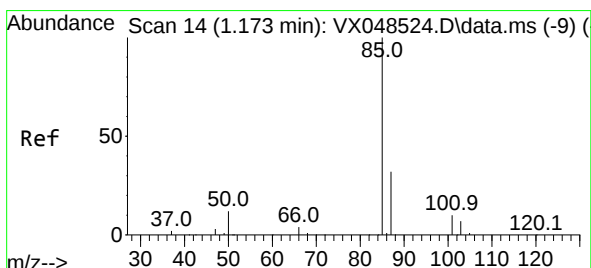
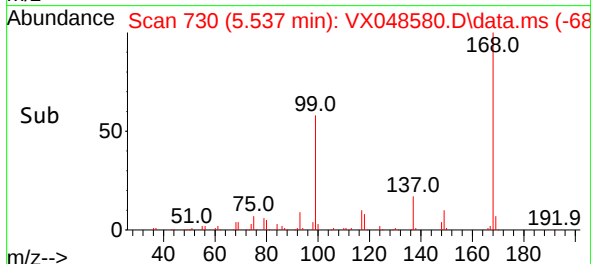
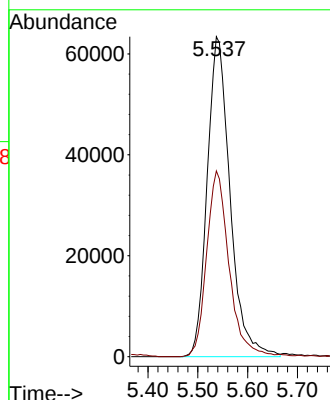
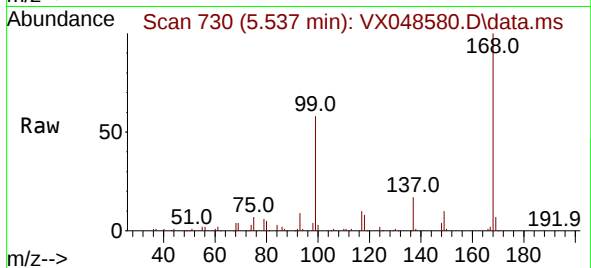




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
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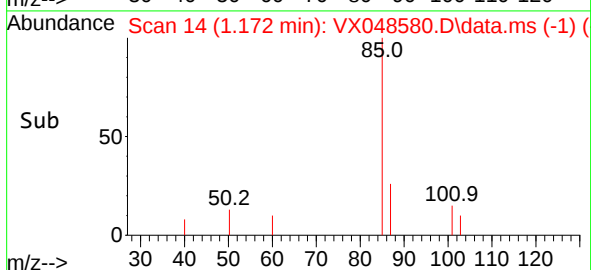
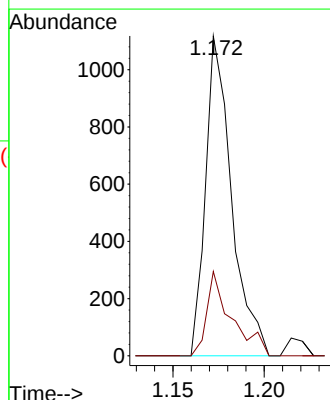
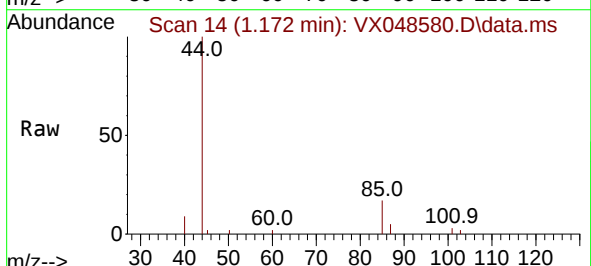
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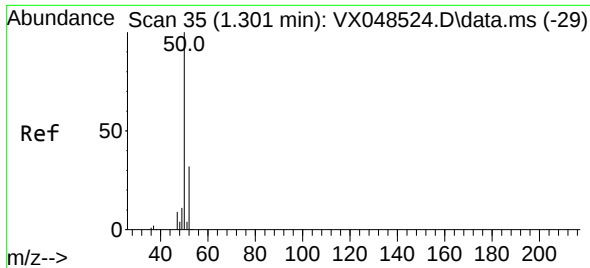
Tgt Ion:168 Resp: 201965
Ion Ratio Lower Upper
168 100
99 58.1 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 0.675 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 85 Resp: 1105
Ion Ratio Lower Upper
85 100
87 26.4 16.2 48.6

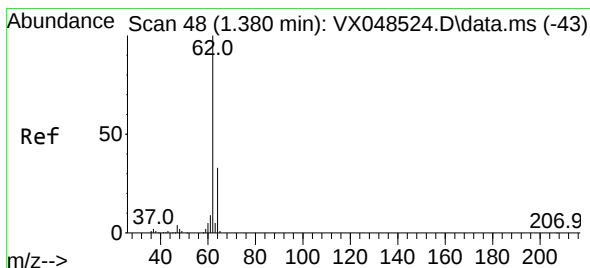
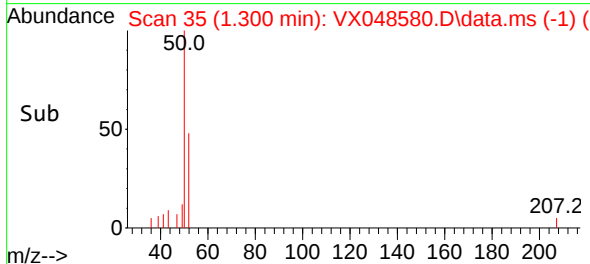
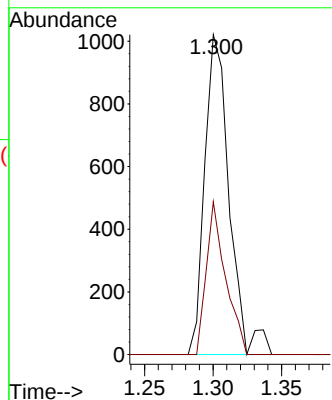
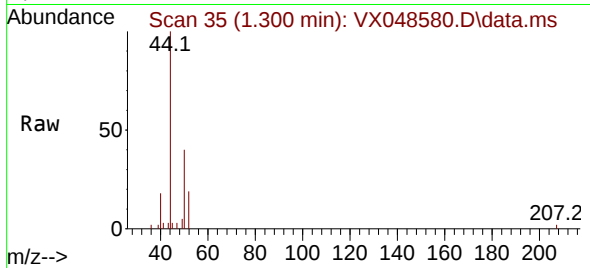




#3
Chloromethane
Concen: 0.587 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

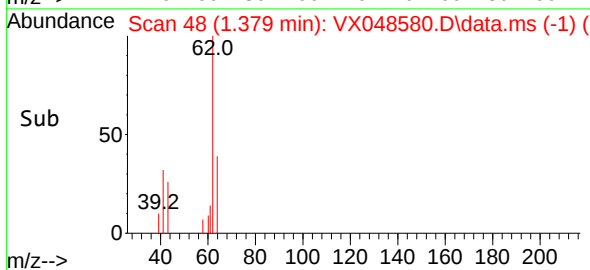
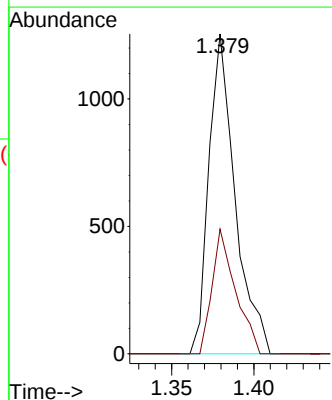
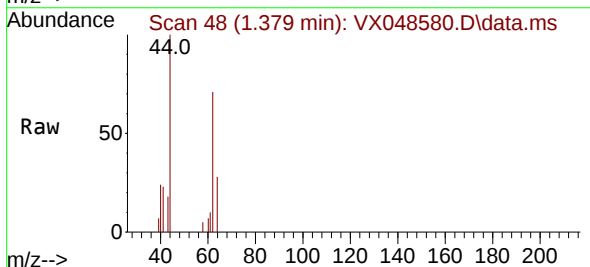
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ClientSampleId :
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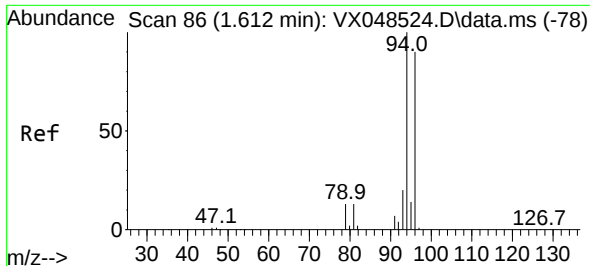
Tgt Ion: 50 Resp: 1275
Ion Ratio Lower Upper
50 100
52 47.8 26.0 39.0#



#4
Vinyl Chloride
Concen: 0.565 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 62 Resp: 1388
Ion Ratio Lower Upper
62 100
64 39.0 26.2 39.4

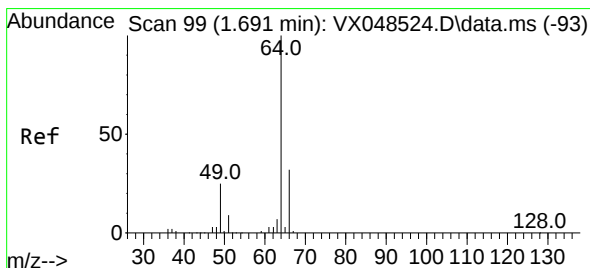
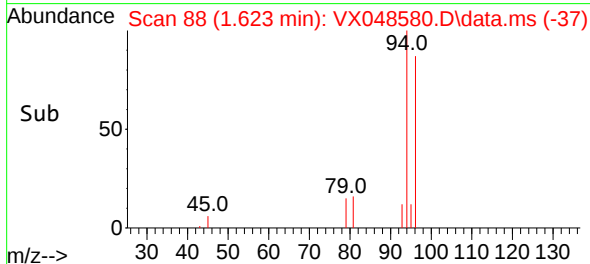
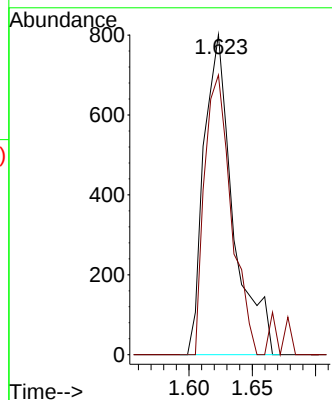
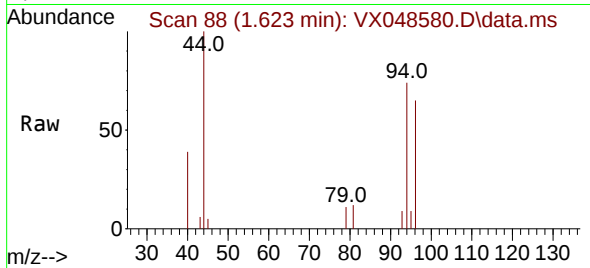




#5
Bromomethane
Concen: 0.833 ug/l
RT: 1.623 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

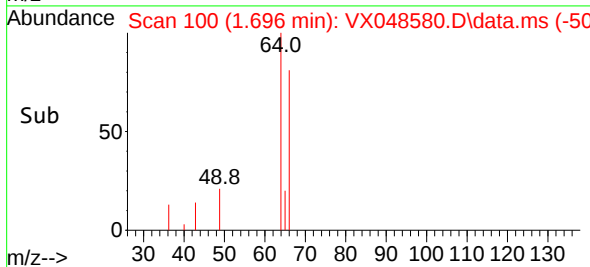
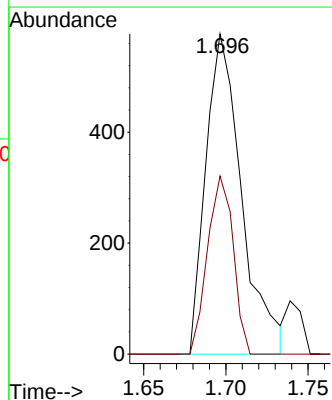
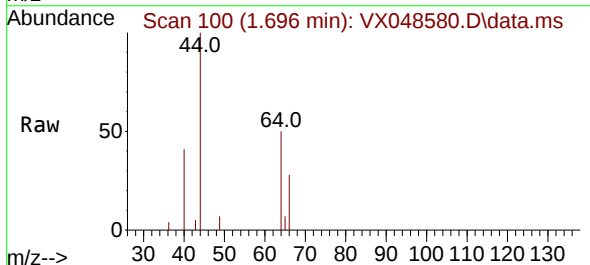
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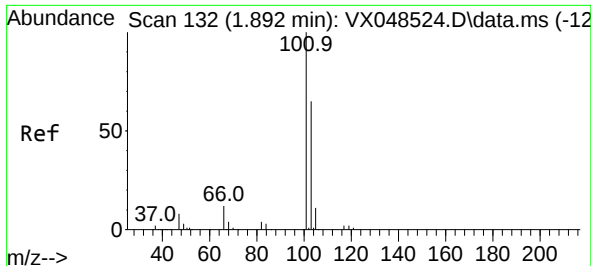
Tgt Ion: 94 Resp: 1293
Ion Ratio Lower Upper
94 100
96 87.4 72.3 108.5



#6
Chloroethane
Concen: 0.542 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 64 Resp: 872
Ion Ratio Lower Upper
64 100
66 55.6 25.9 38.9#

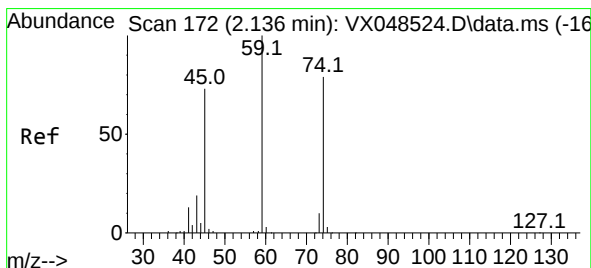
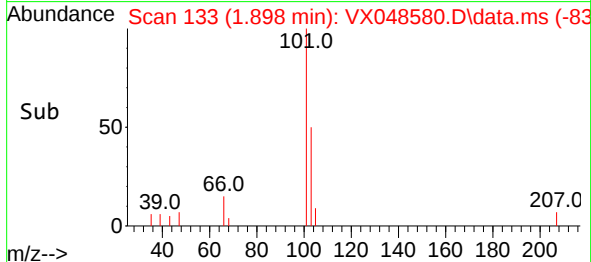
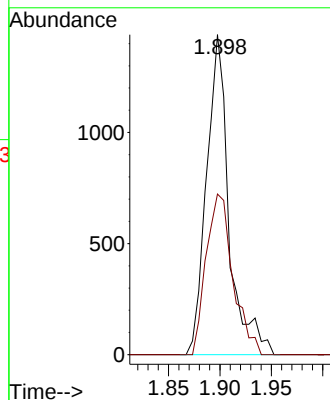
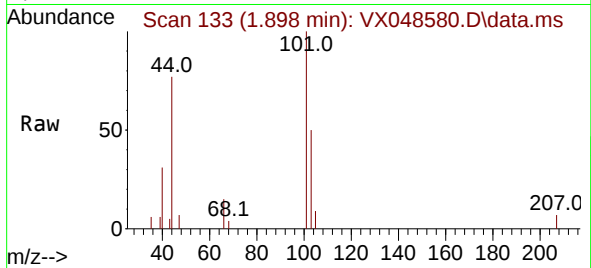




#7
Trichlorofluoromethane
Concen: 0.563 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

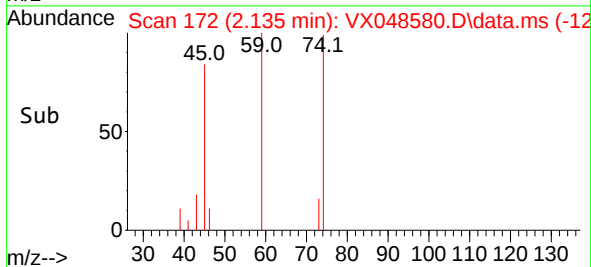
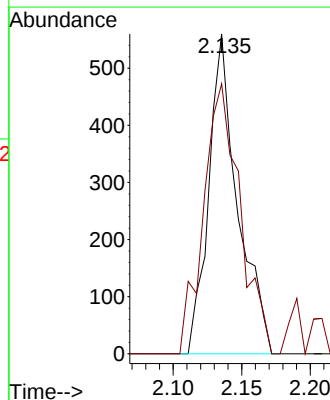
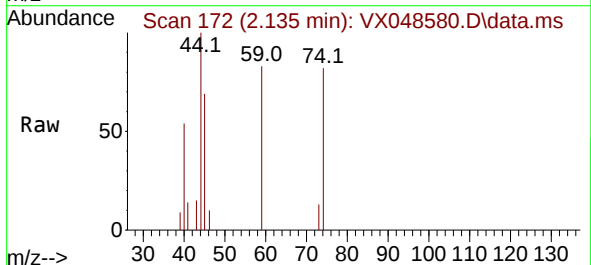
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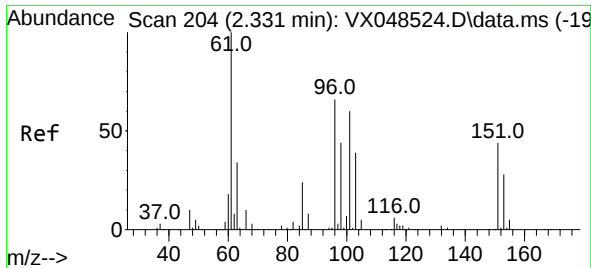
Tgt Ion:101 Resp: 2189
Ion Ratio Lower Upper
101 100
103 50.2 51.7 77.5#



#8
Diethyl Ether
Concen: 0.527 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 822
Ion Ratio Lower Upper
74 100
45 106.7 45.9 137.6

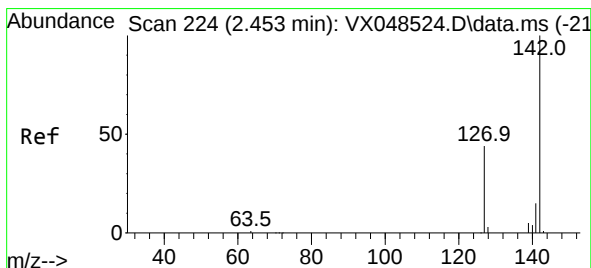
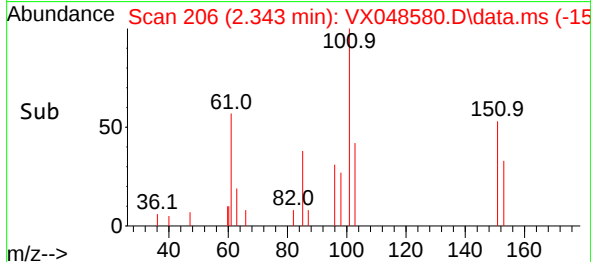
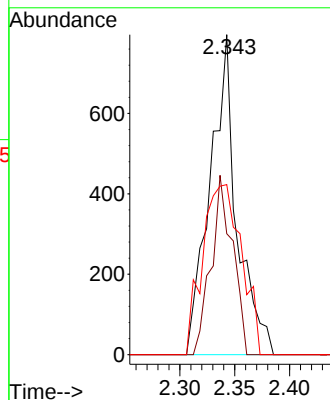
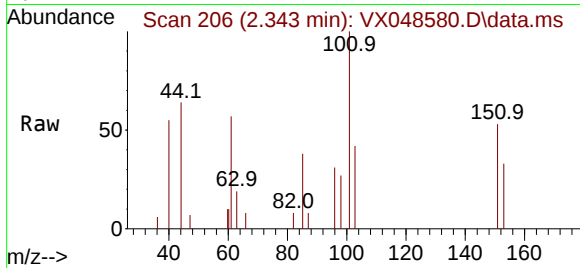




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.604 ug/l
RT: 2.343 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

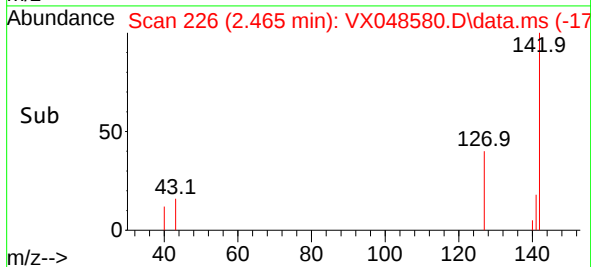
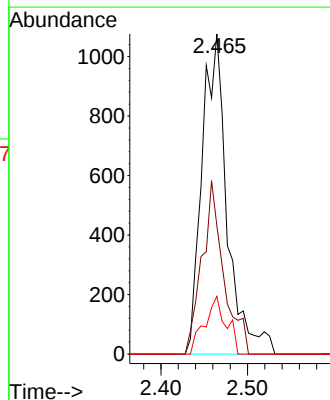
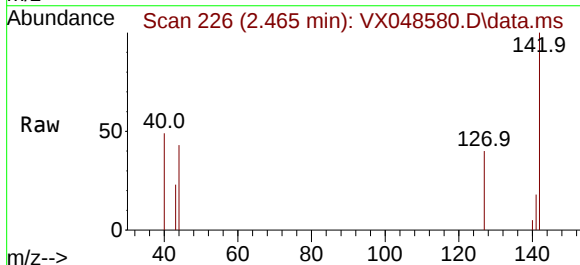
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

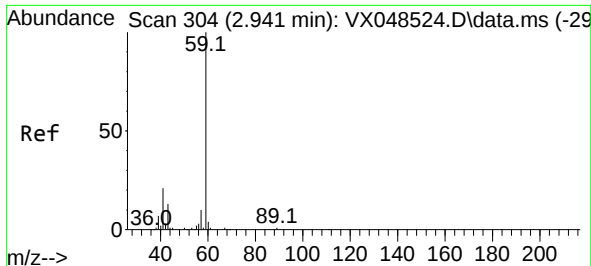
Tgt Ion:101 Resp: 1359
Ion Ratio Lower Upper
101 100
85 44.6 34.3 51.5
151 76.9 63.1 94.7



#10
Methyl Iodide
Concen: 0.652 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:142 Resp: 2172
Ion Ratio Lower Upper
142 100
127 46.6 35.8 53.6
141 15.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 2.614 ug/l

RT: 2.934 min Scan# 304

Delta R.T. -0.007 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

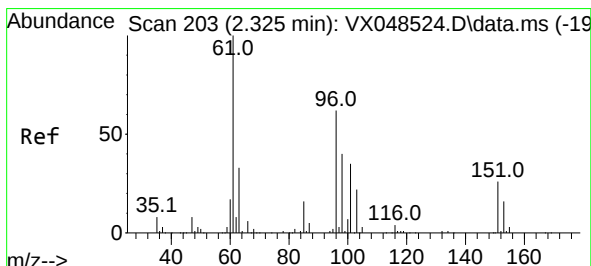
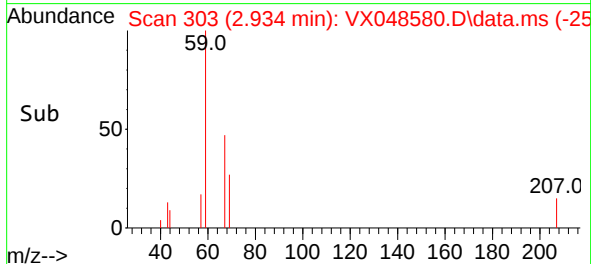
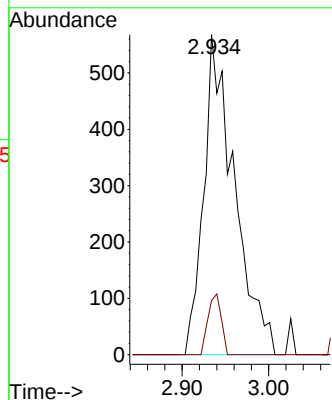
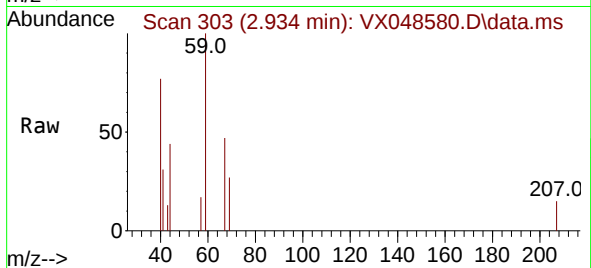
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 59 Resp: 1394

Ion Ratio Lower Upper

59 100

57 8.2 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 0.616 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

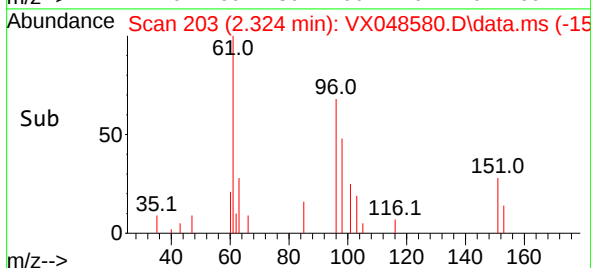
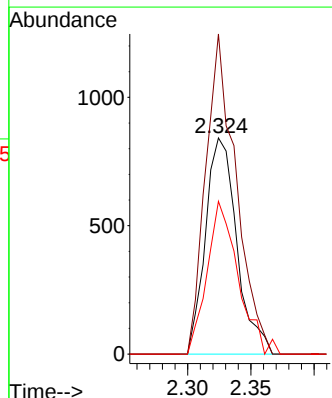
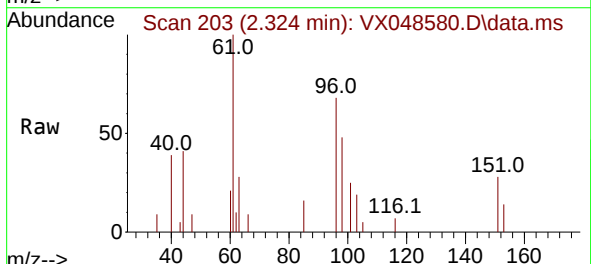
Tgt Ion: 96 Resp: 1448

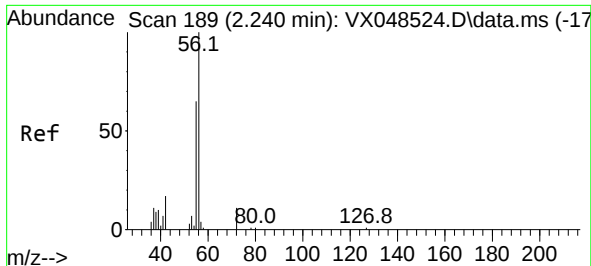
Ion Ratio Lower Upper

96 100

61 148.1 129.8 194.6

98 70.7 52.3 78.5

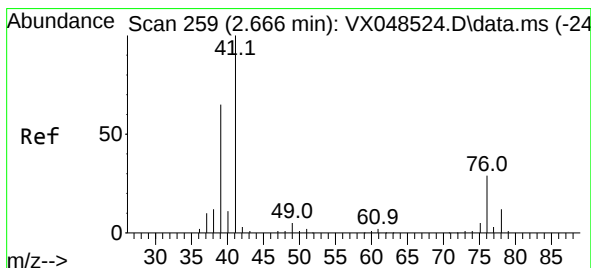
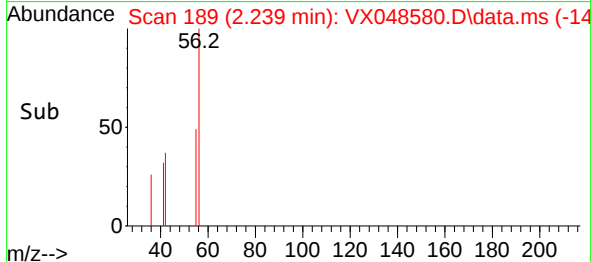
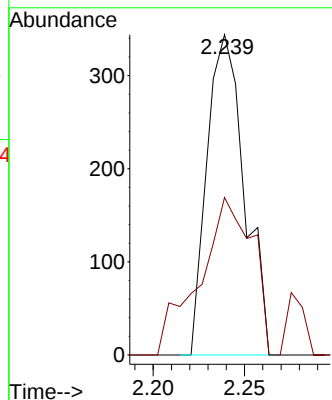
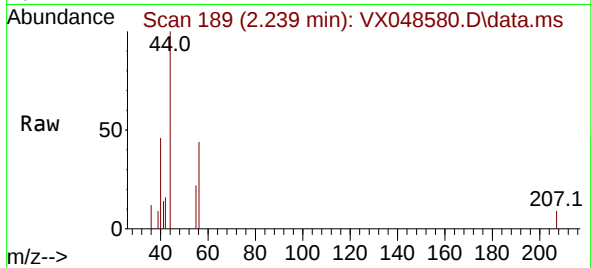




#13
Acrolein
Concen: 6.351 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

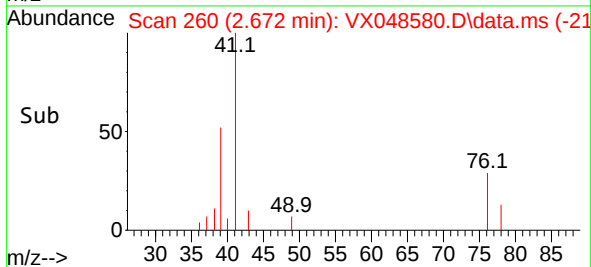
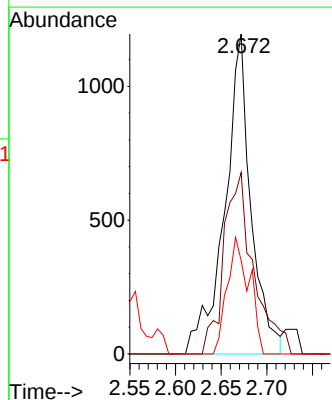
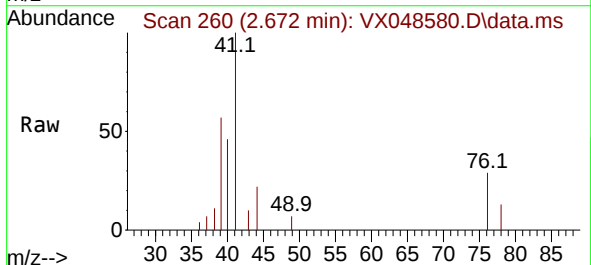
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

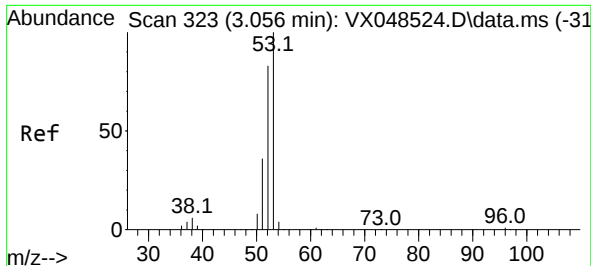
Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 70.0 54.9 82.3



#14
Allyl chloride
Concen: 0.544 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 41 Resp: 2380
Ion Ratio Lower Upper
41 100
39 64.6 48.6 73.0
76 30.7 27.7 41.5

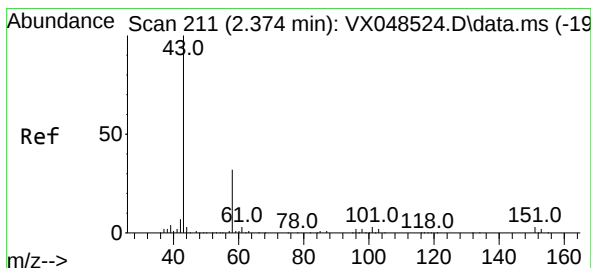
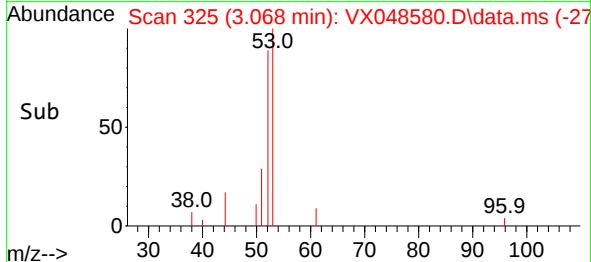
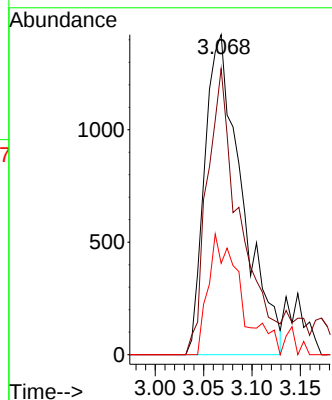
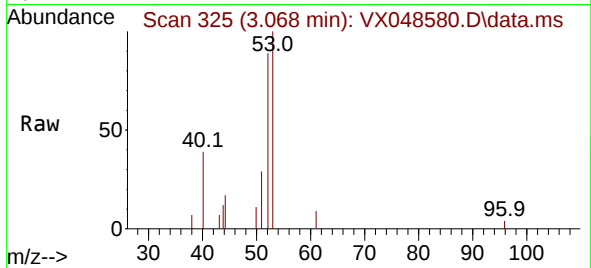




#15
Acrylonitrile
Concen: 2.443 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

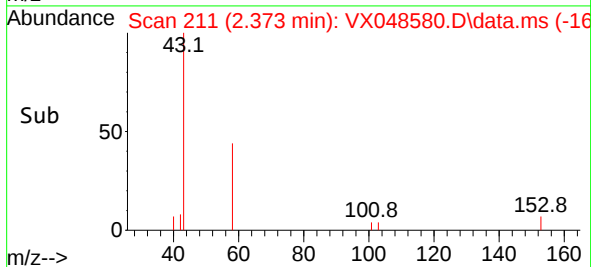
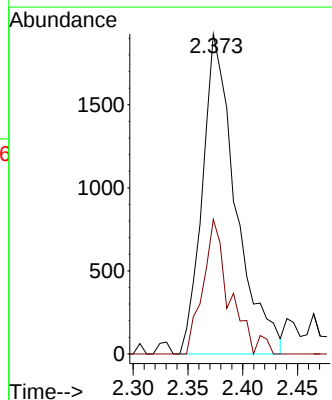
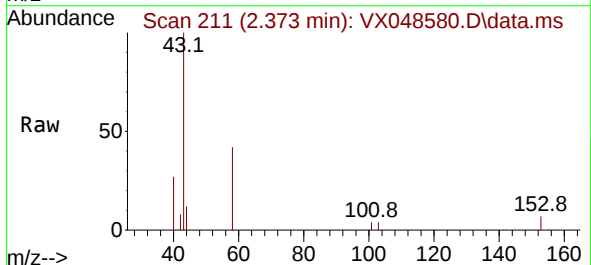
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

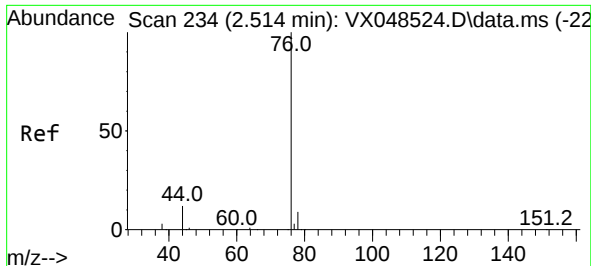
Tgt Ion:	53	Resp:	3803
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.3	97.9
51	32.9	27.8	41.6



#16
Acetone
Concen: 3.051 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:	43	Resp:	4064
Ion	Ratio	Lower	Upper
43	100		
58	42.1	25.8	38.6#

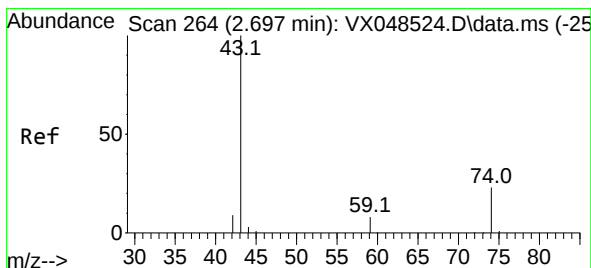
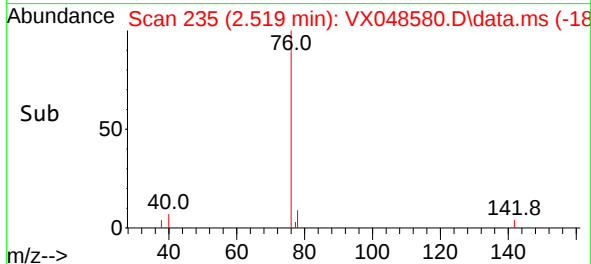
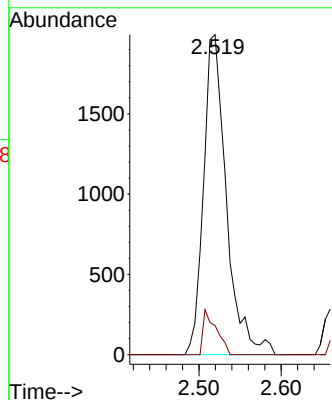
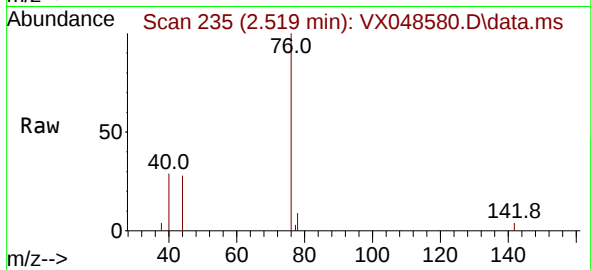




#17
Carbon Disulfide
Concen: 0.582 ug/l
RT: 2.519 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

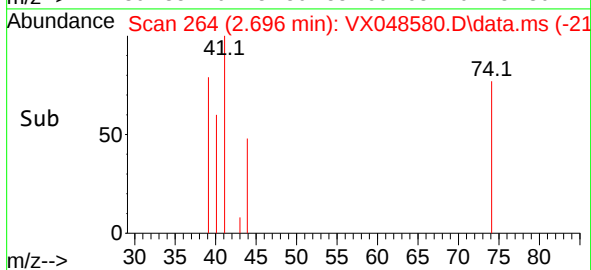
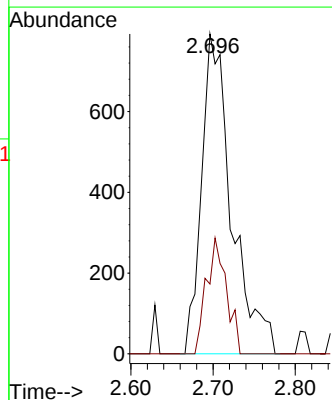
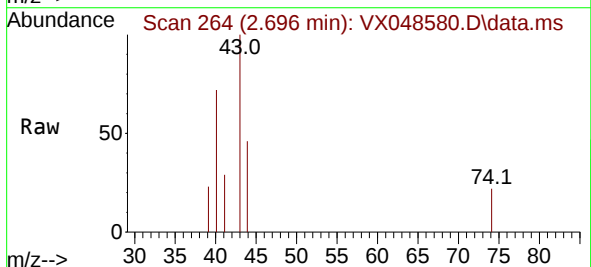
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 3850
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 0.549 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7

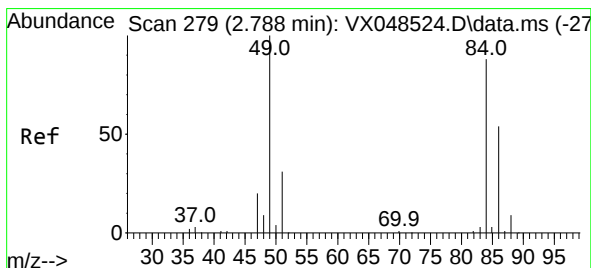
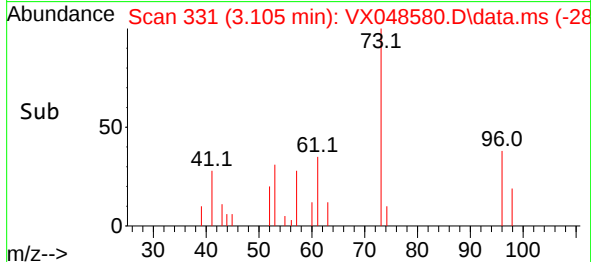
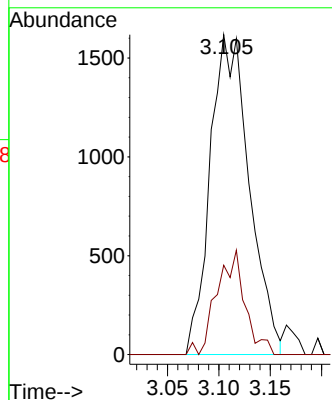
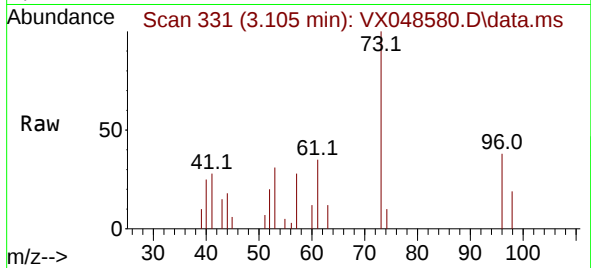




#19
Methyl tert-butyl Ether
Concen: 0.517 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

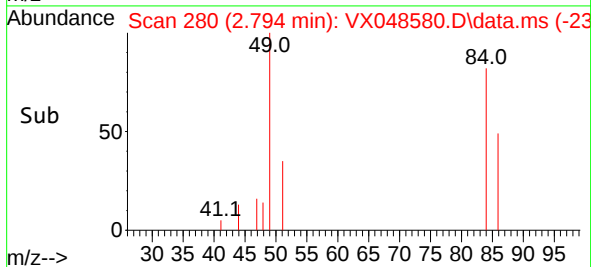
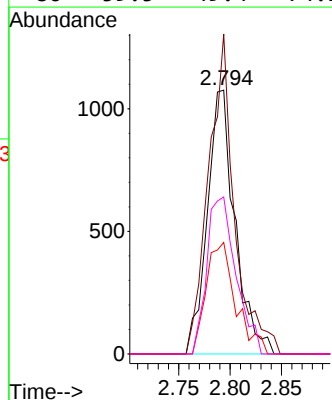
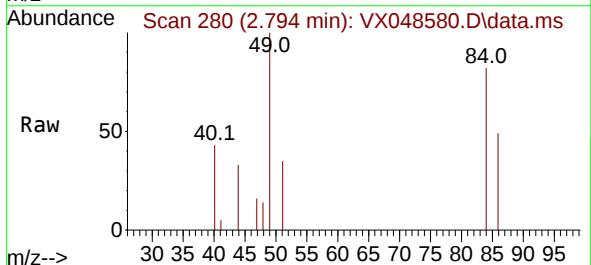
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 73 Resp: 4290
Ion Ratio Lower Upper
73 100
57 27.9 17.3 25.9#



#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 84 Resp: 2016
Ion Ratio Lower Upper
84 100
49 121.3 91.2 136.8
51 42.3 28.3 42.5
86 59.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 0.657 ug/l

RT: 3.092 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

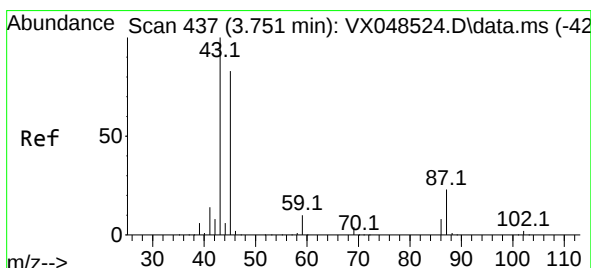
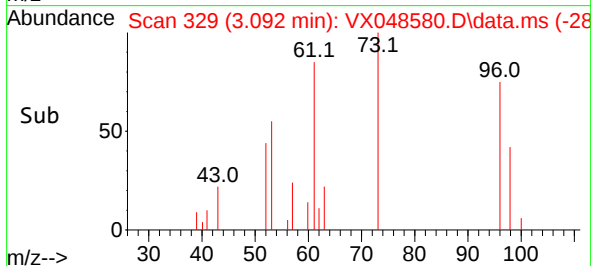
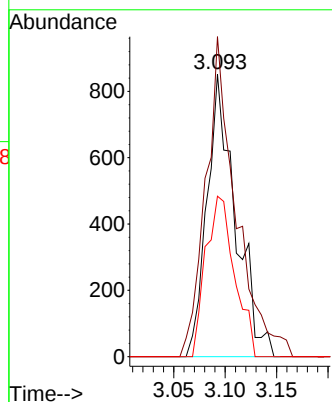
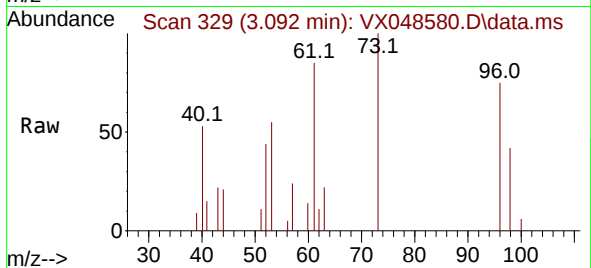
Tgt Ion: 96 Resp: 1636

Ion Ratio Lower Upper

96 100

61 113.3 106.7 160.1

98 56.8 52.7 79.1



#22

Diisopropyl ether

Concen: 0.529 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Tgt Ion: 45 Resp: 4443

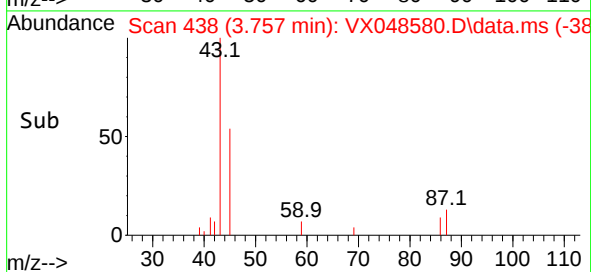
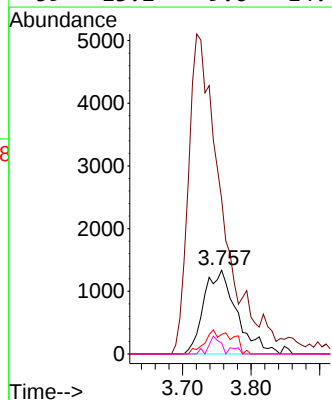
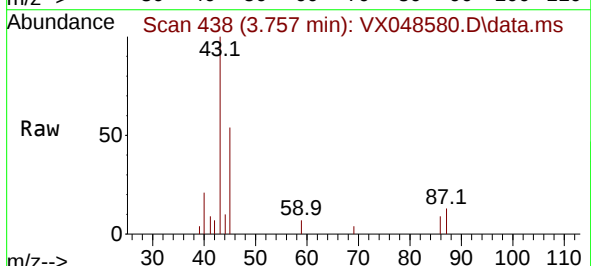
Ion Ratio Lower Upper

45 100

43 166.9 96.4 144.6#

87 23.5 21.8 32.6

59 13.2 9.6 14.4

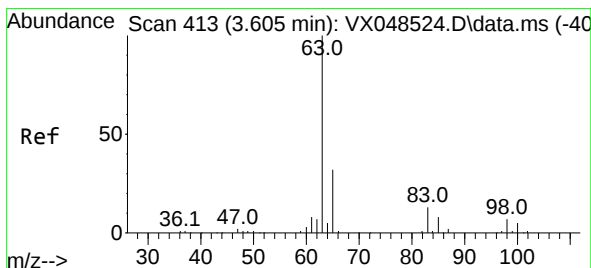
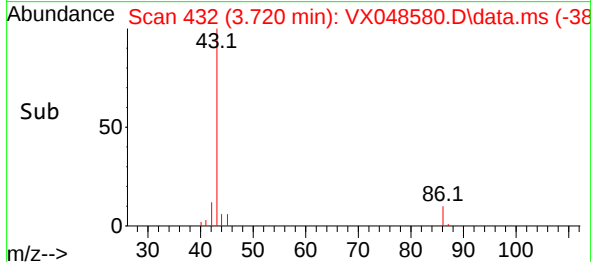
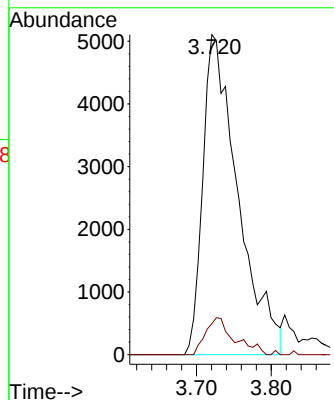
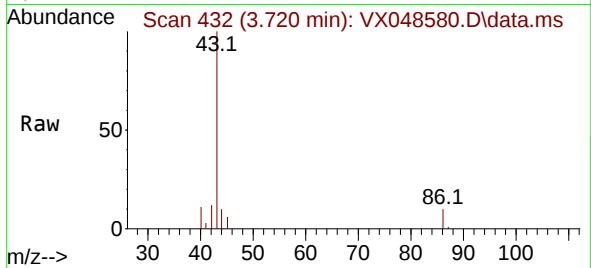




#23
 Vinyl Acetate
 Concen: 2.258 ug/l
 RT: 3.720 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

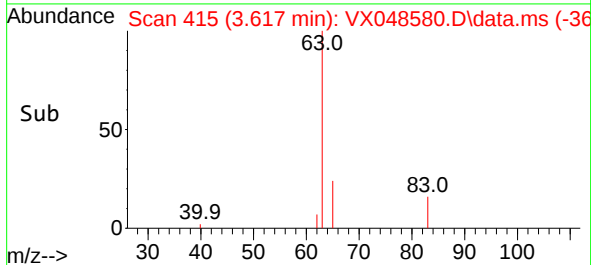
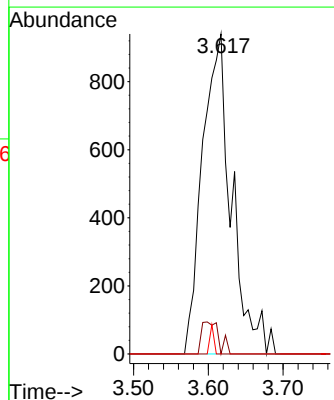
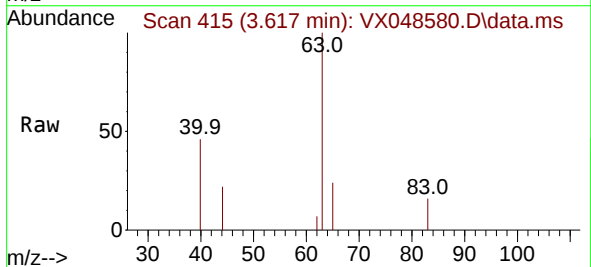
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

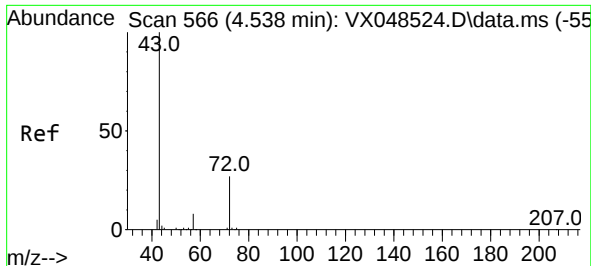
Tgt Ion: 43 Resp: 16623
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 0.553 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

Tgt Ion: 63 Resp: 2549
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 2.593 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX048580.D

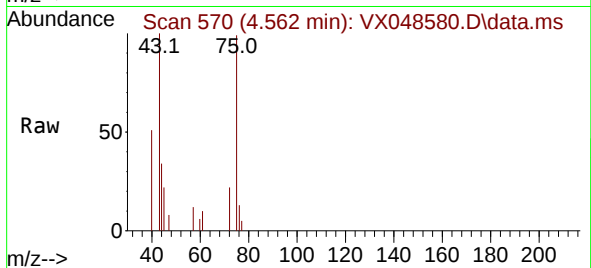
Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

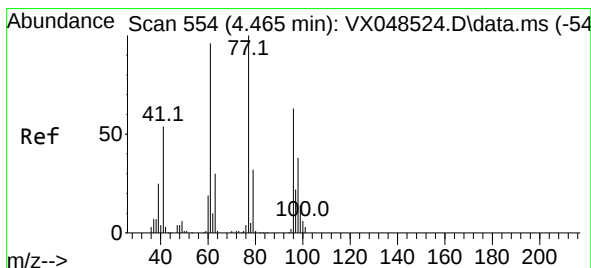
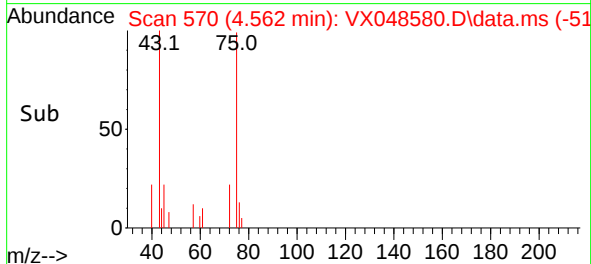
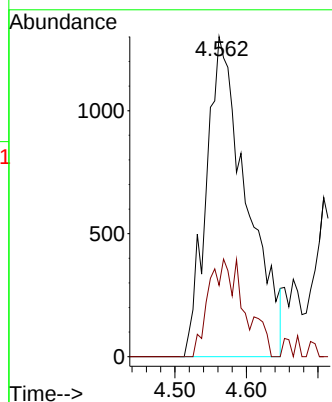


Tgt Ion: 43 Resp: 5109

Ion Ratio Lower Upper

43 100

72 22.3 21.5 32.3



#26

2,2-Dichloropropane

Concen: 0.573 ug/l

RT: 4.470 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX048580.D

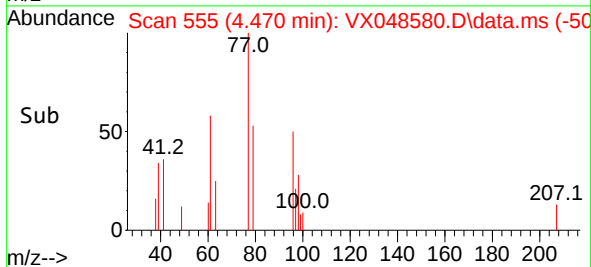
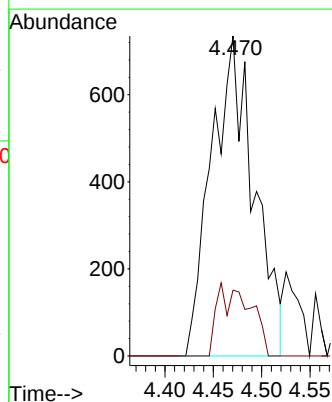
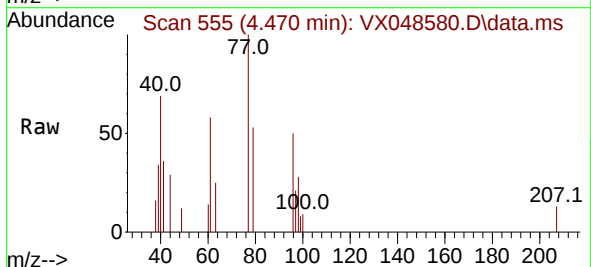
Acq: 12 Nov 2025 15:54

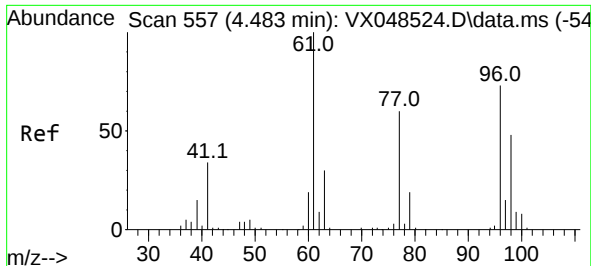
Tgt Ion: 77 Resp: 2252

Ion Ratio Lower Upper

77 100

97 6.0 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.585 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

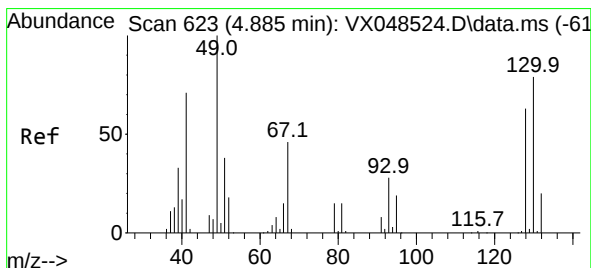
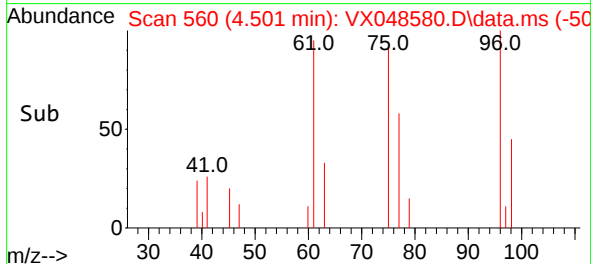
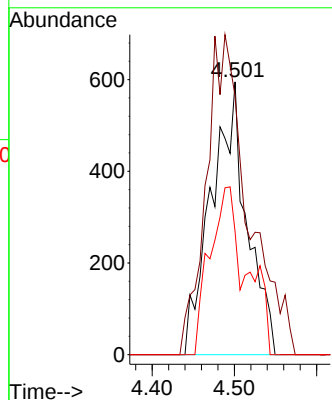
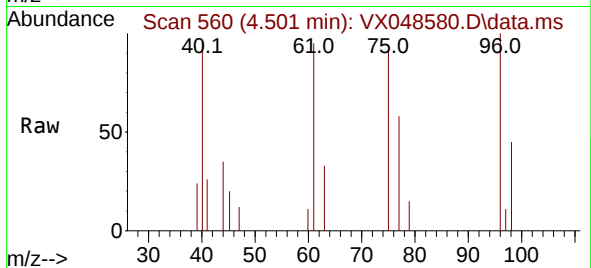
Tgt Ion: 96 Resp: 1783

Ion Ratio Lower Upper

96 100

61 139.4 0.0 279.6

98 49.5 0.0 128.2



#28

Bromochloromethane

Concen: 0.424 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

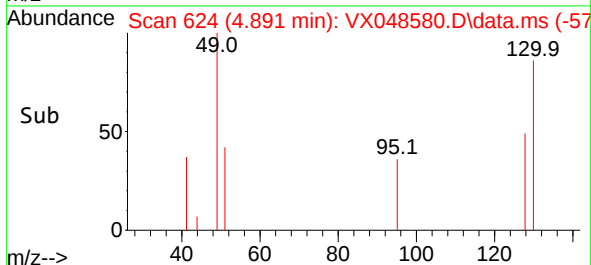
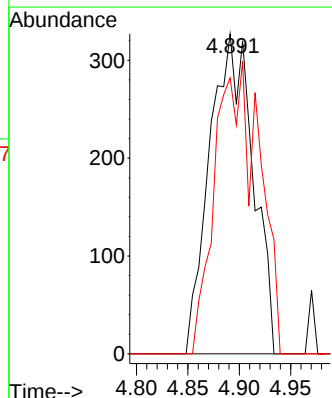
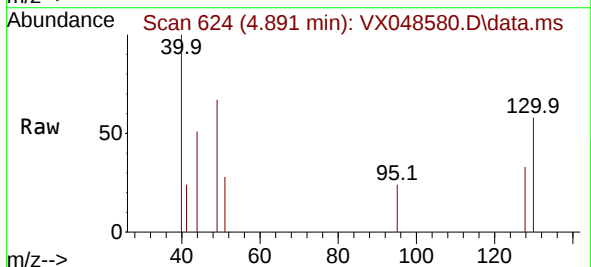
Tgt Ion: 49 Resp: 960

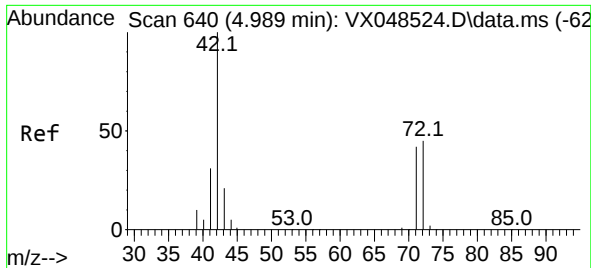
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 93.2 65.9 98.9

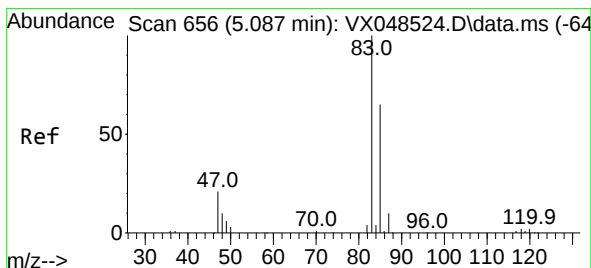
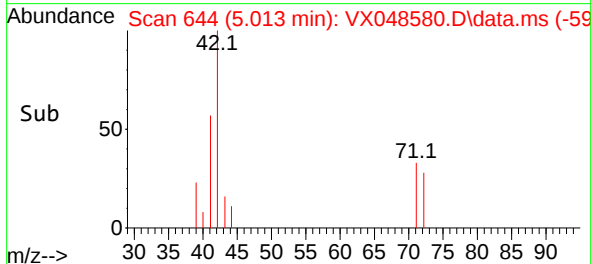
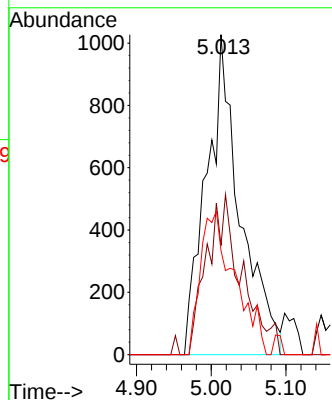
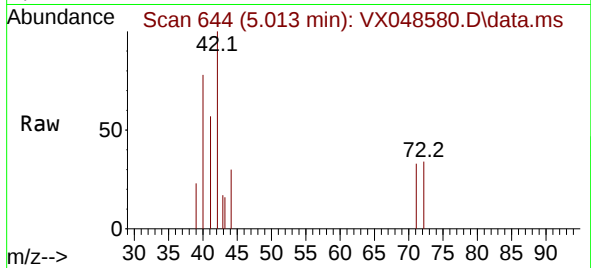




#29
Tetrahydrofuran
Concen: 2.300 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

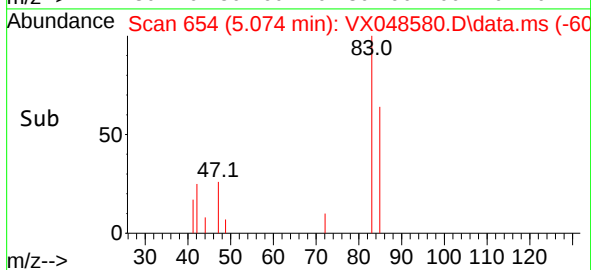
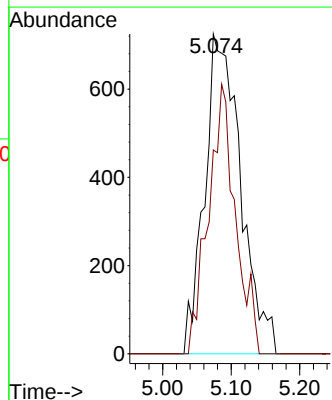
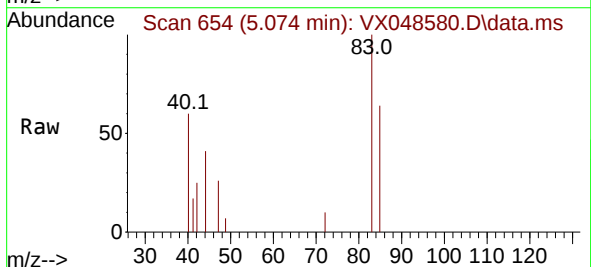
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

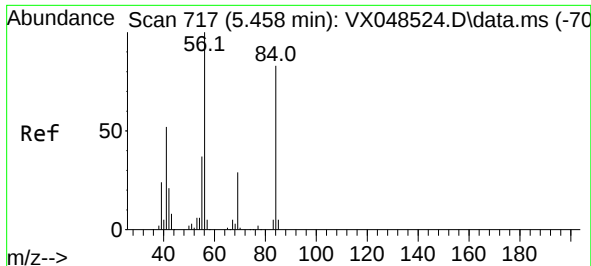
Tgt Ion: 42 Resp: 3232
Ion Ratio Lower Upper
42 100
72 51.8 36.3 54.5
71 45.3 34.1 51.1



#30
Chloroform
Concen: 0.557 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.013 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 83 Resp: 2652
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6

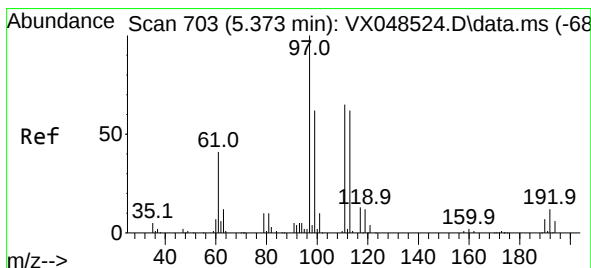
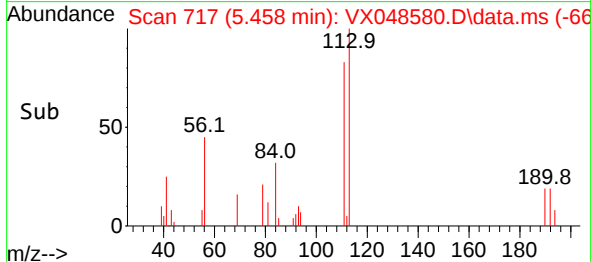
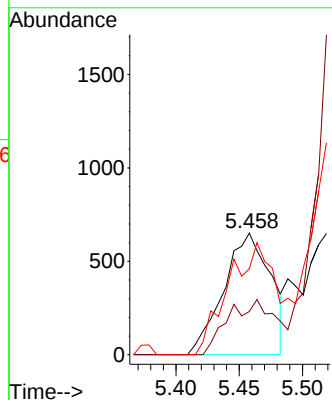
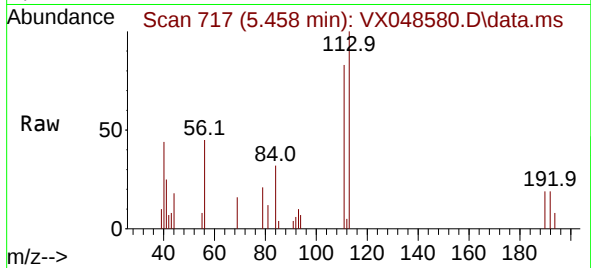




#31
Cyclohexane
Concen: 0.444 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

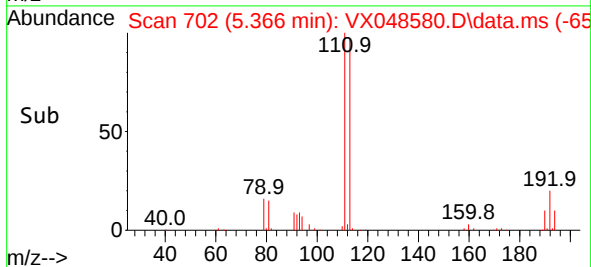
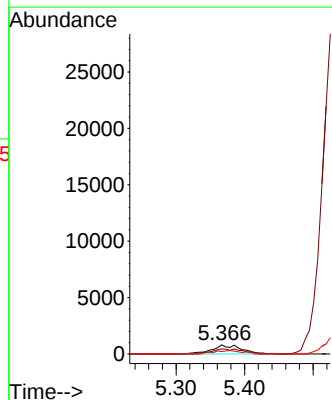
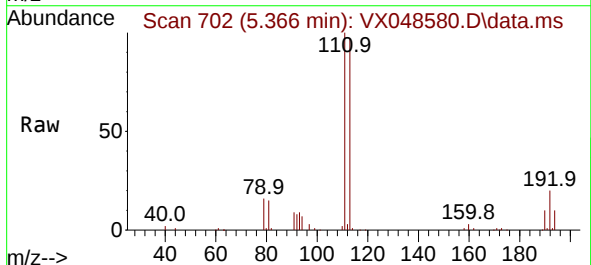
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
69 35.6 23.4 35.2#
84 70.7 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 0.569 ug/l
RT: 5.366 min Scan# 702
Delta R.T. -0.007 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 97 Resp: 2365
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 36.4 33.4 50.2

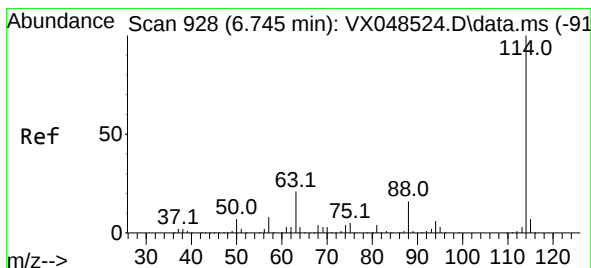
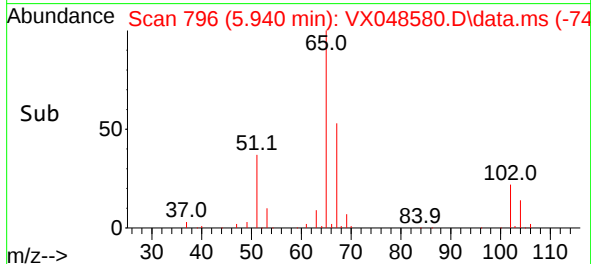
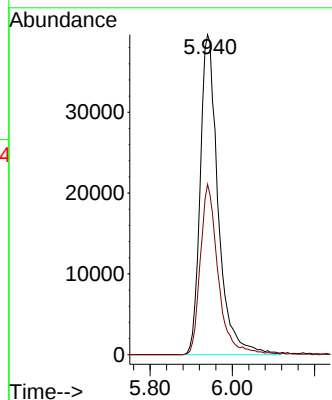
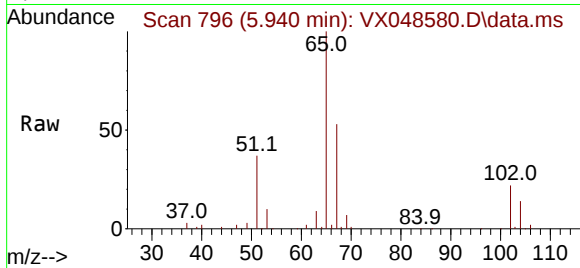




#33
 1,2-Dichloroethane-d4
 Concen: 42.639 ug/l
 RT: 5.940 min Scan# 797
 Delta R.T. -0.007 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

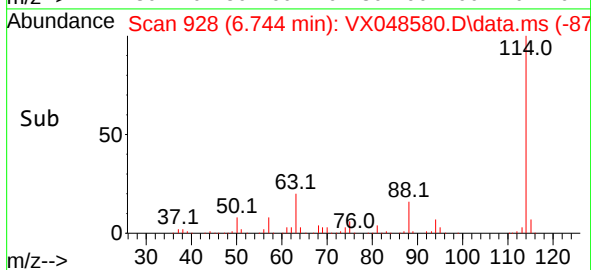
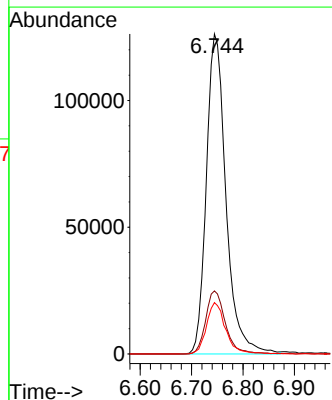
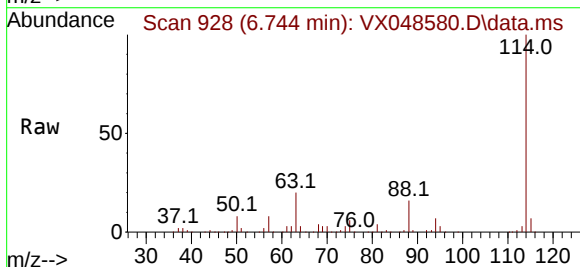
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 119997
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.001 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

Tgt Ion: 114 Resp: 334743
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 16.0 0.0 32.2

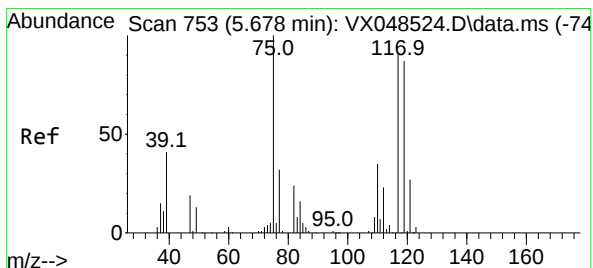
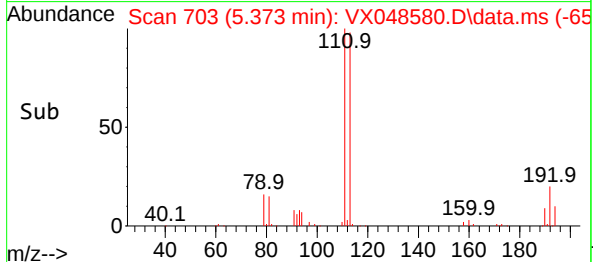
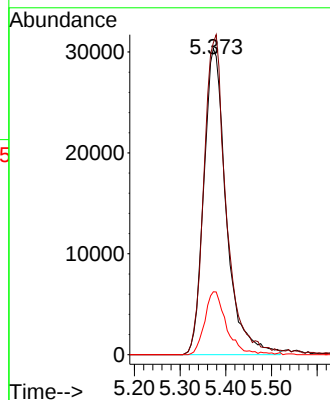
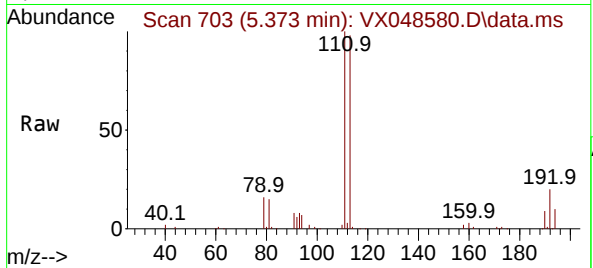




#35
Dibromofluoromethane
Concen: 40.847 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

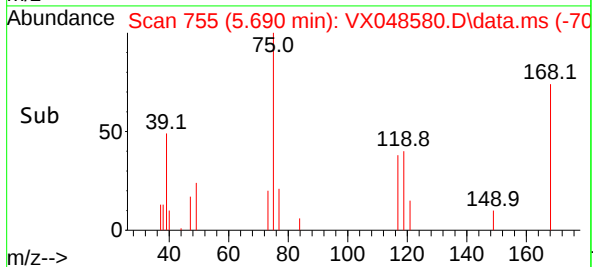
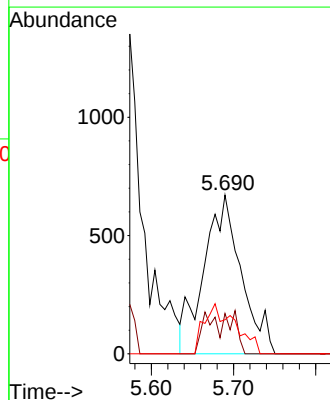
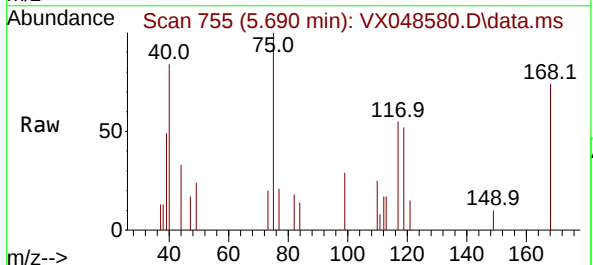
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

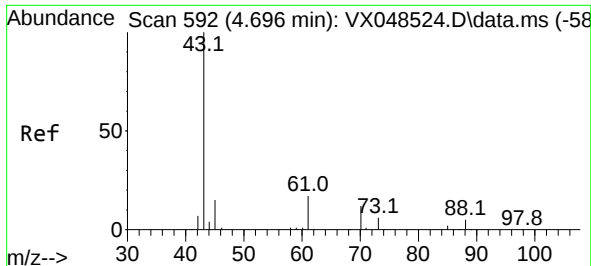
Tgt Ion:113 Resp: 103488
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.6 15.8 23.6



#36
1,1-Dichloropropene
Concen: 0.627 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 75 Resp: 2127
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.4#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.501 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

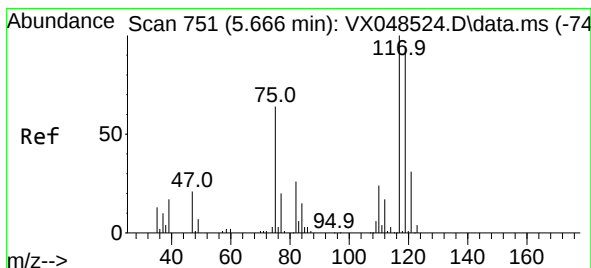
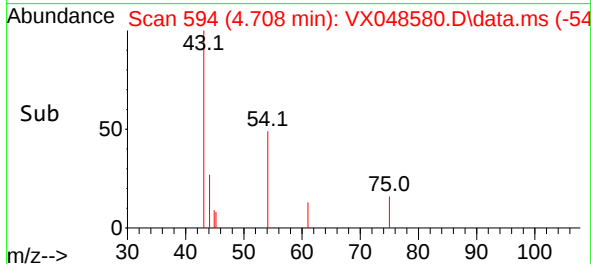
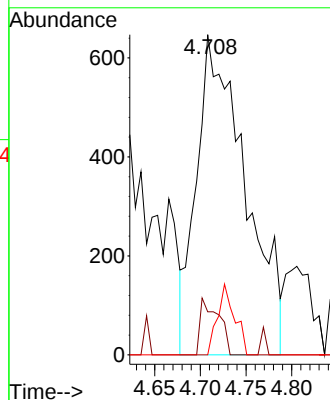
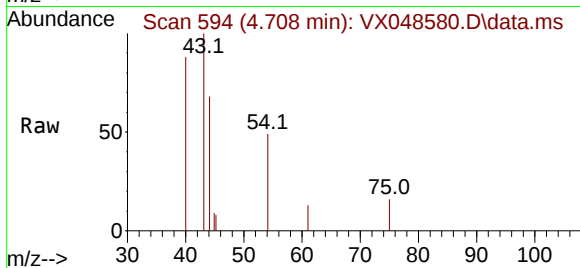
Tgt Ion: 43 Resp: 2393

Ion Ratio Lower Upper

43 100

61 6.6 9.7 14.5#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 0.599 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.007 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

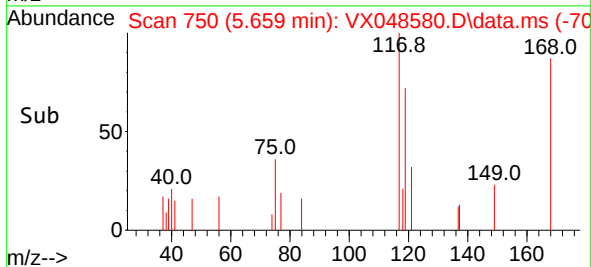
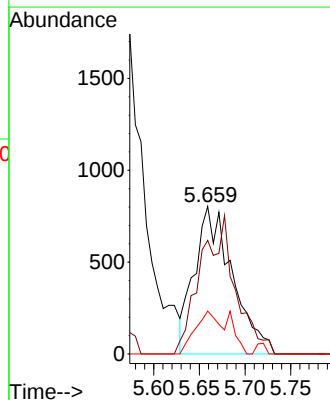
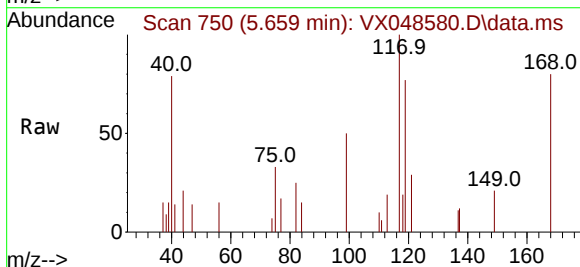
Tgt Ion: 117 Resp: 2315

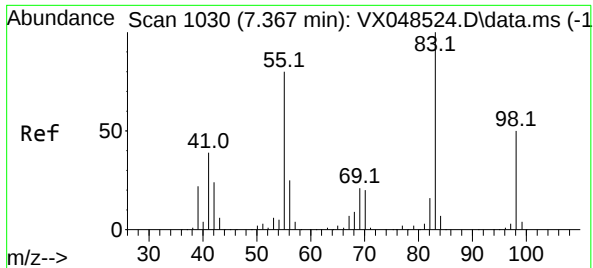
Ion Ratio Lower Upper

117 100

119 77.1 74.5 111.7

121 29.1 24.8 37.2

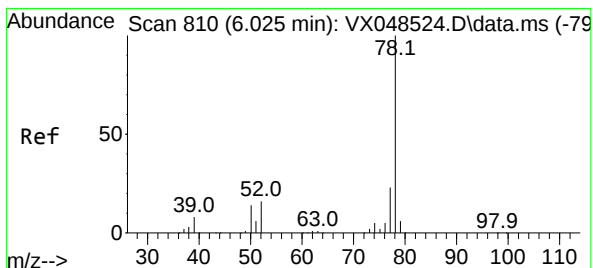
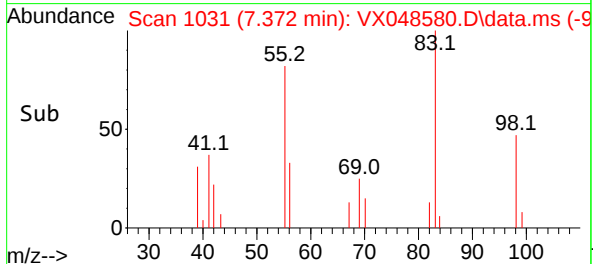
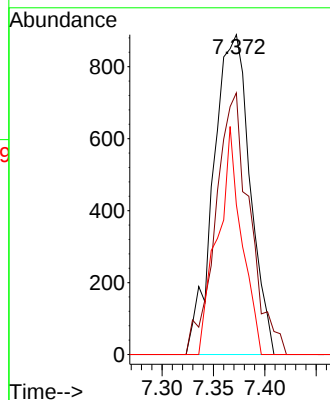
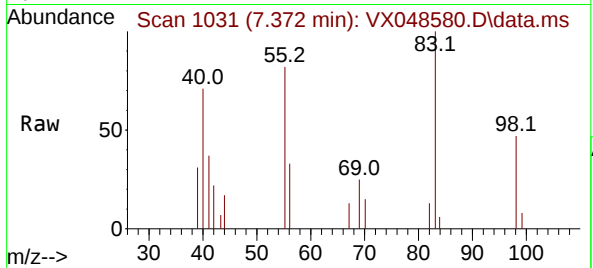




#39
Methylcyclohexane
Concen: 0.576 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

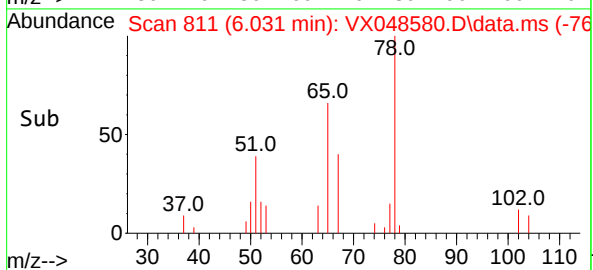
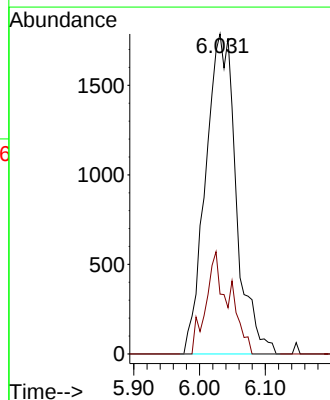
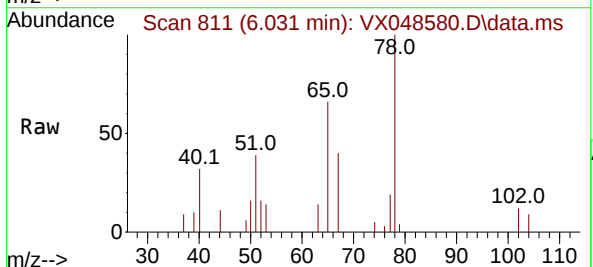
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

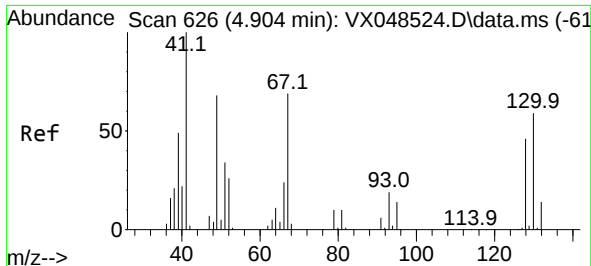
Tgt Ion: 83	Resp: 2195
Ion Ratio	Lower Upper
83 100	
55 81.8	63.8 95.6
98 46.9	40.3 60.5



#40
Benzene
Concen: 0.551 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 78	Resp:	5792	
Ion	Ratio	Lower	Upper
78	100		
77	18.7	18.3	27.5

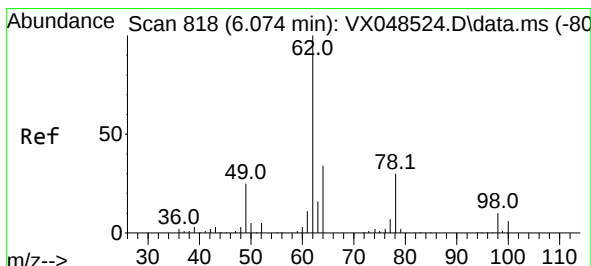
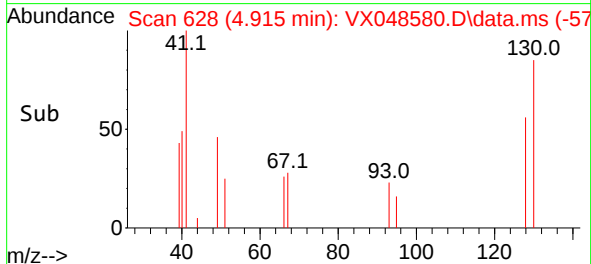
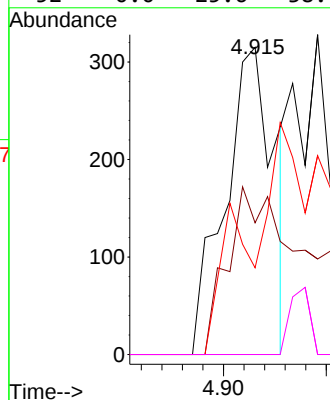
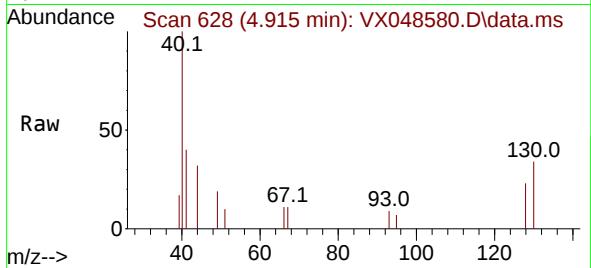




#41
Methacrylonitrile
Concen: 0.251 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

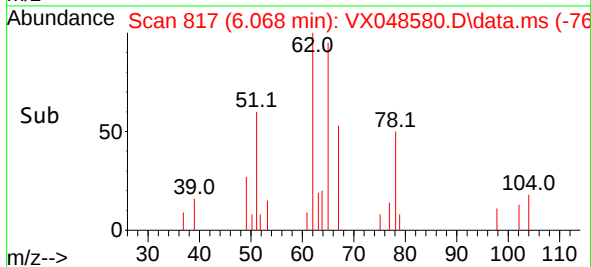
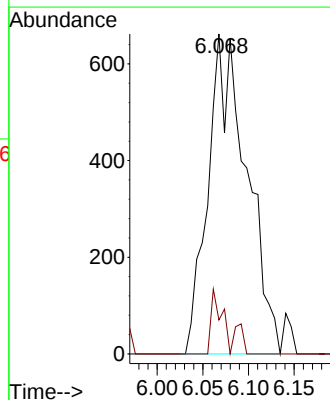
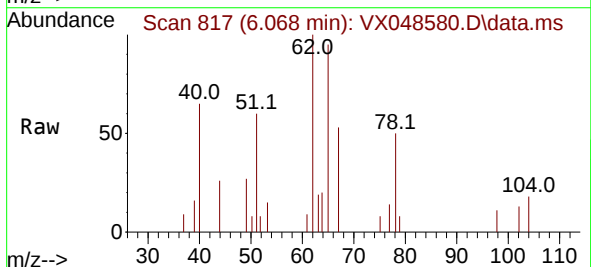
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

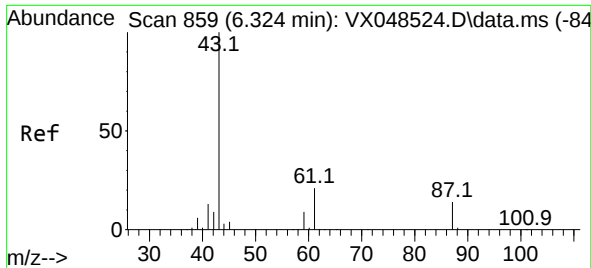
Tgt Ion: 41 Resp: 528
Ion Ratio Lower Upper
41 100
39 74.1 41.1 61.7#
67 30.1 64.2 96.2#
52 0.0 25.6 38.4#



#42
1,2-Dichloroethane
Concen: 0.541 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.007 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 62 Resp: 1951
Ion Ratio Lower Upper
62 100
98 5.6 0.0 19.6

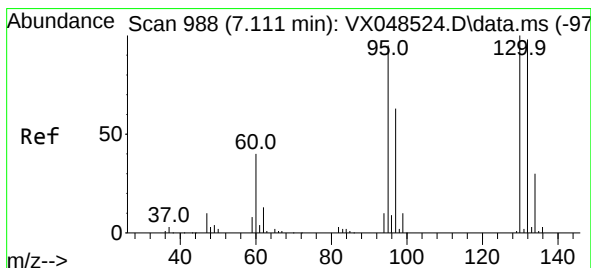
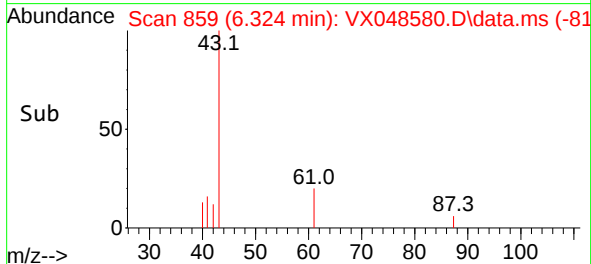
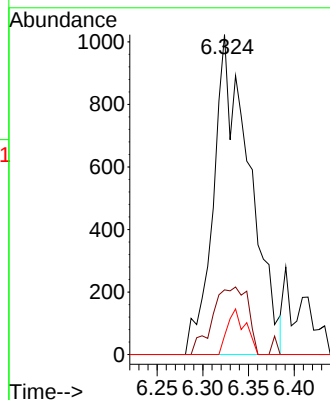
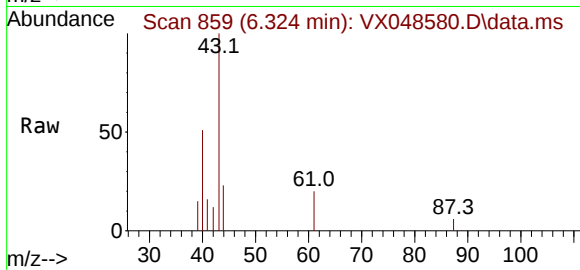




#43
Isopropyl Acetate
Concen: 0.419 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

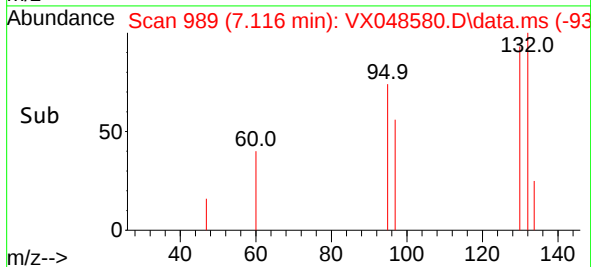
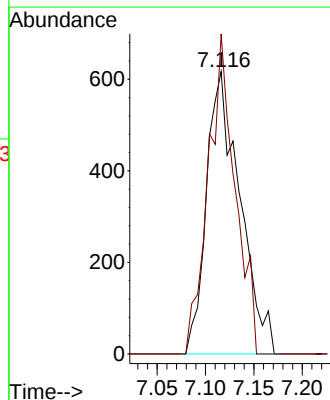
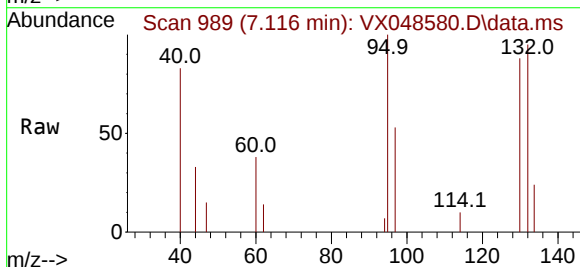
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

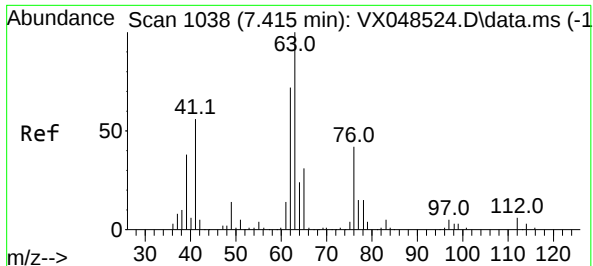
Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
61 20.6 16.2 24.4
87 7.2 10.9 16.3#



#44
Trichloroethene
Concen: 0.590 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:130 Resp: 1483
Ion Ratio Lower Upper
130 100
95 113.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 0.478 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

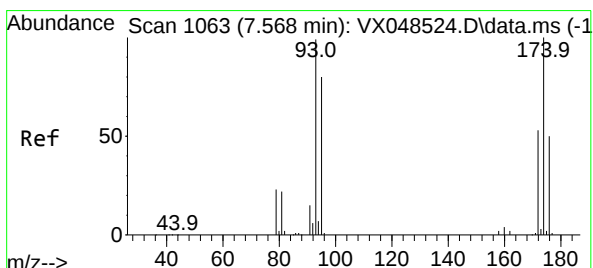
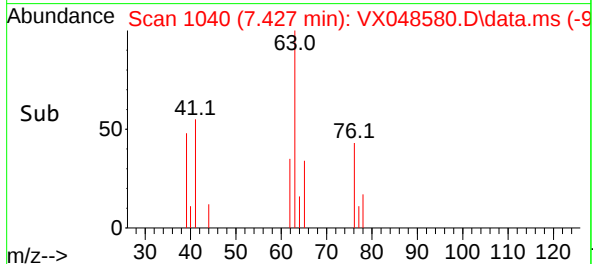
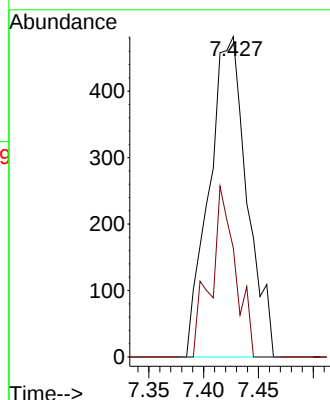
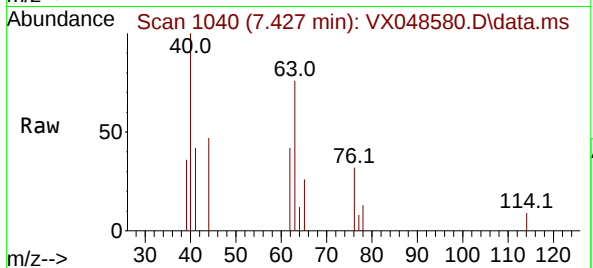
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 1156

Ion Ratio Lower Upper

63 100

65 34.0 24.9 37.3



#46

Dibromomethane

Concen: 0.610 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

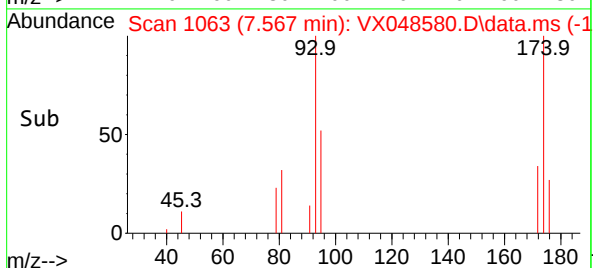
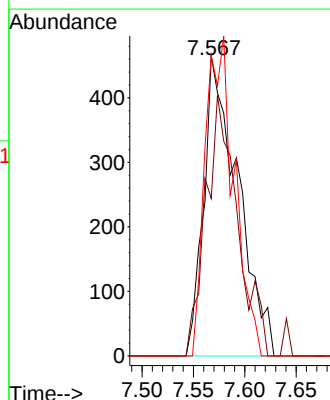
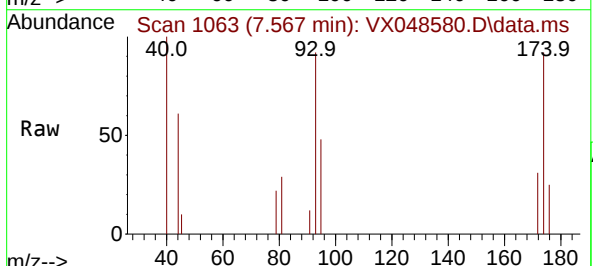
Tgt Ion: 93 Resp: 1075

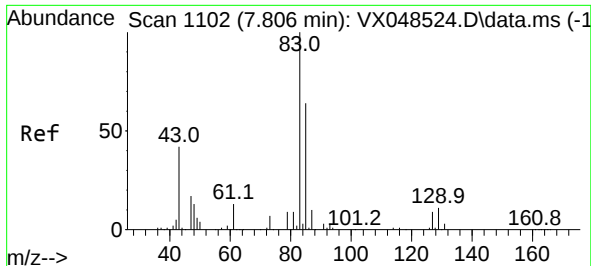
Ion Ratio Lower Upper

93 100

95 80.7 67.6 101.4

174 90.2 83.0 124.6

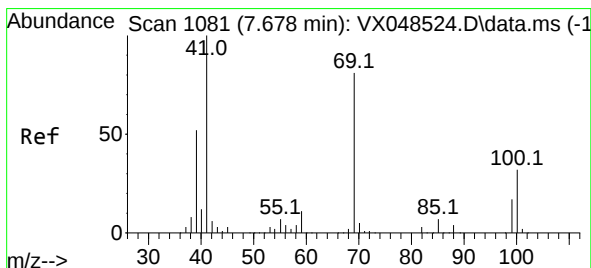
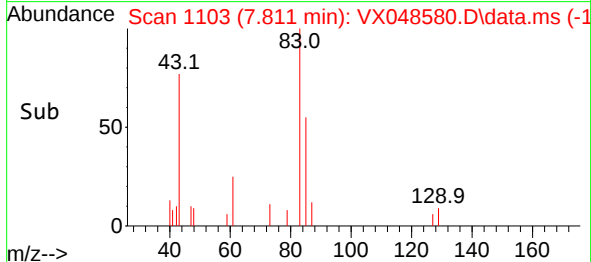
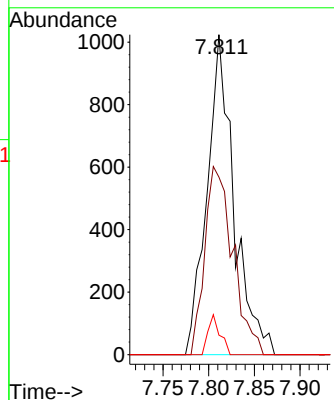
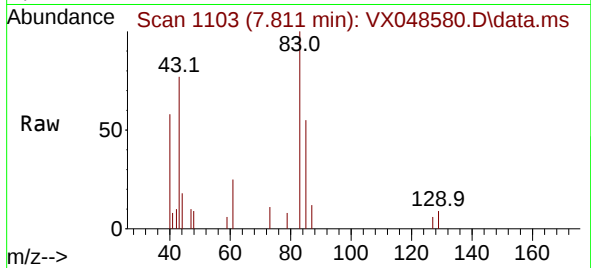




#47
Bromodichloromethane
Concen: 0.596 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

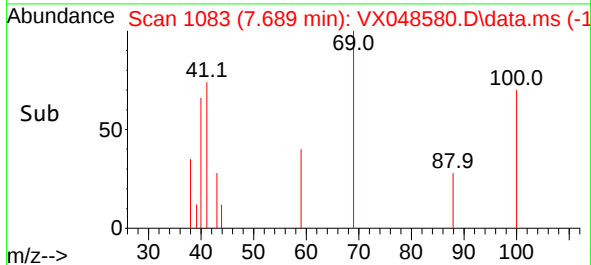
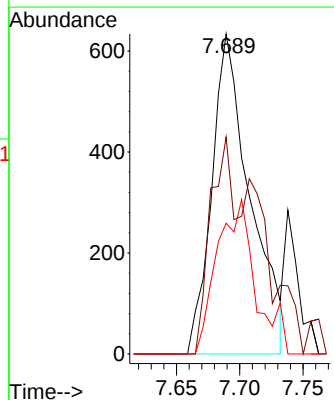
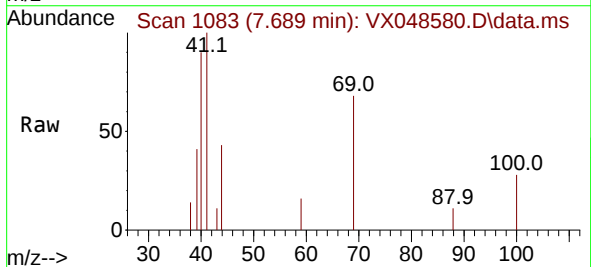
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

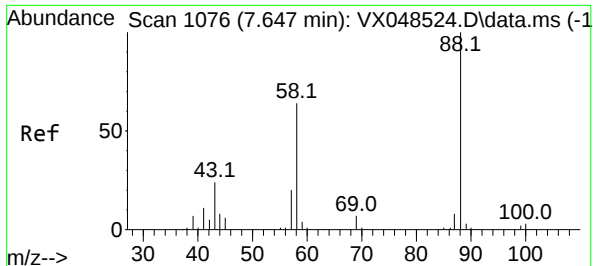
Tgt Ion: 83	Resp:	2096
Ion	Ratio	Lower Upper
83	100	
85	55.5	51.4 77.0
127	6.1	7.0 10.4#



#48
Methyl methacrylate
Concen: 0.446 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 41	Resp:	1331
Ion	Ratio	Lower Upper
41	100	
69	48.0	67.9 101.9#
39	48.2	42.2 63.2





#49

1,4-Dioxane

Concen: 9.919 ug/l

RT: 7.665 min Scan# 1076

Delta R.T. 0.018 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

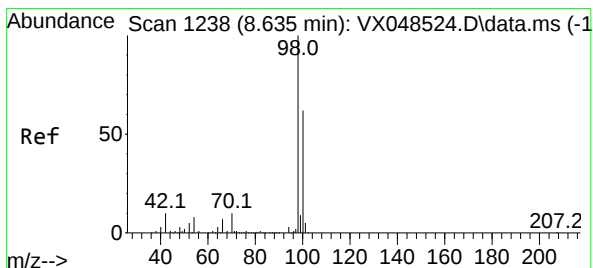
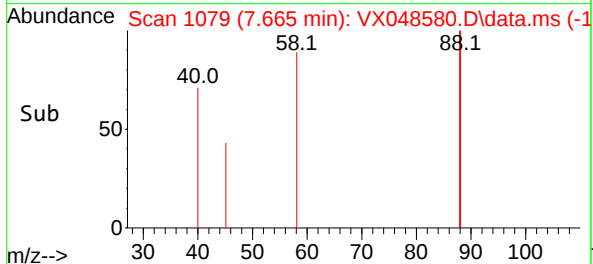
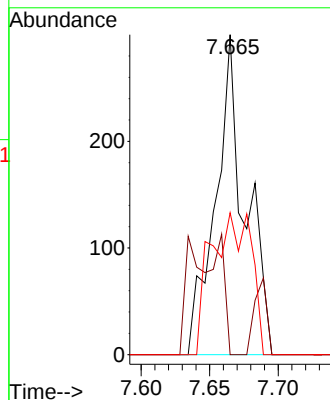
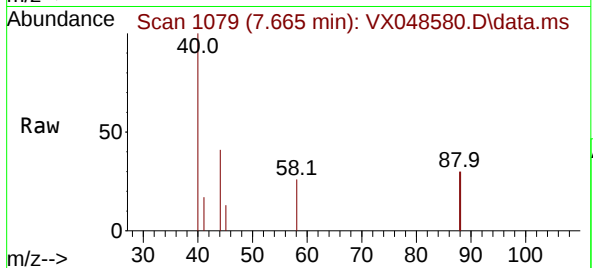
Tgt Ion: 88 Resp: 451

Ion Ratio Lower Upper

88 100

43 37.5 25.1 37.7

58 60.5 56.7 85.1



#50

Toluene-d8

Concen: 45.869 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.001 min

Lab File: VX048580.D

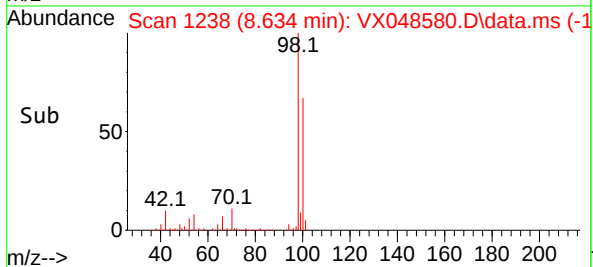
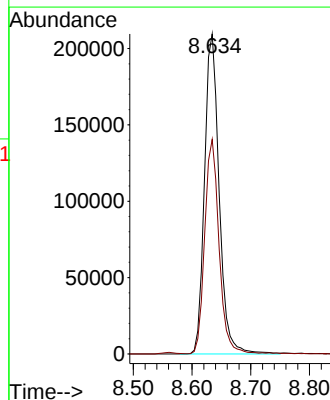
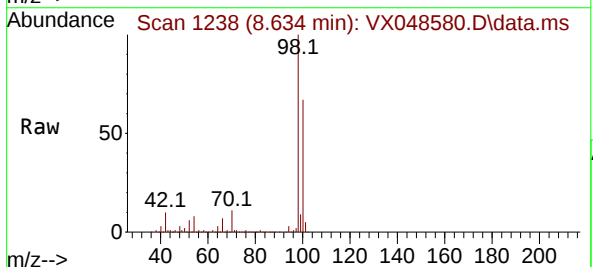
Acq: 12 Nov 2025 15:54

Tgt Ion: 98 Resp: 362446

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4

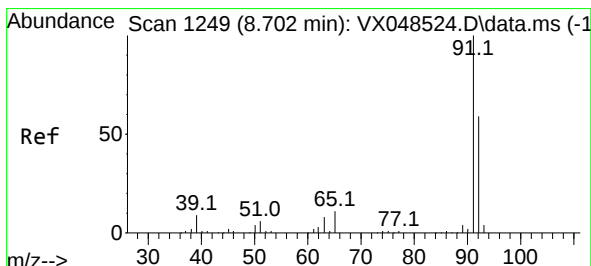
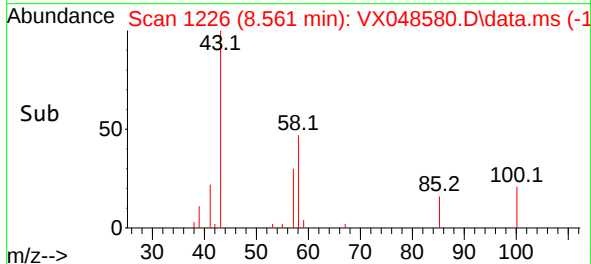
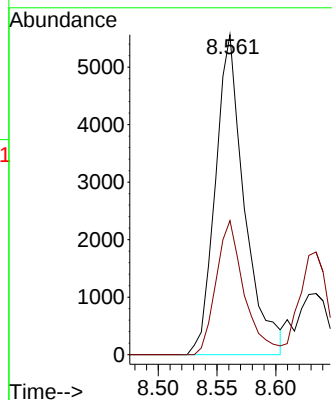
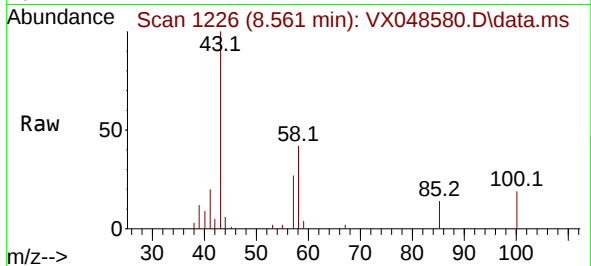




#51
4-Methyl-2-Pentanone
Concen: 2.504 ug/l
RT: 8.561 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

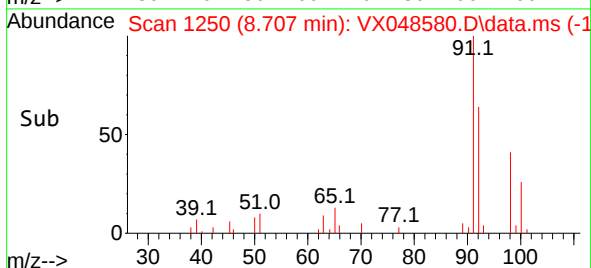
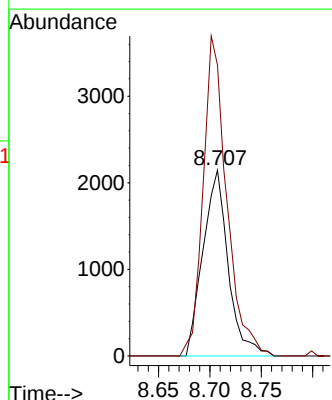
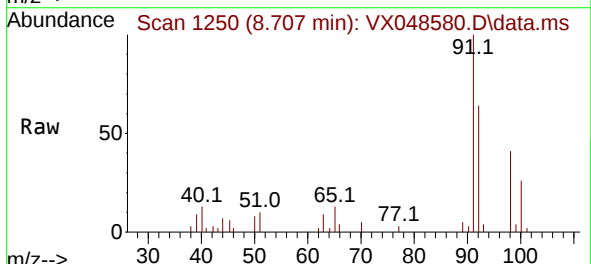
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

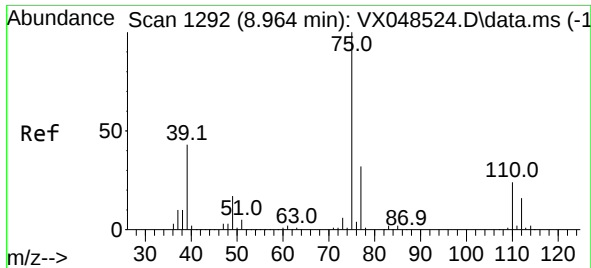
Tgt Ion: 43 Resp: 9569
Ion Ratio Lower Upper
43 100
58 40.6 32.3 48.5



#52
Toluene
Concen: 0.663 ug/l
RT: 8.707 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 92 Resp: 3670
Ion Ratio Lower Upper
92 100
91 160.9 137.0 205.6

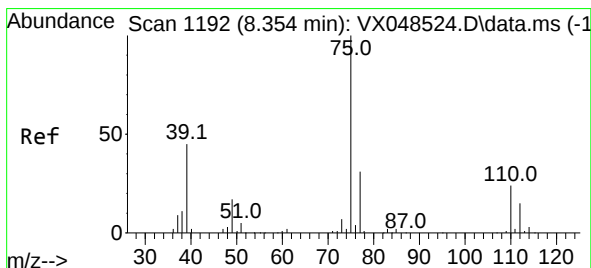
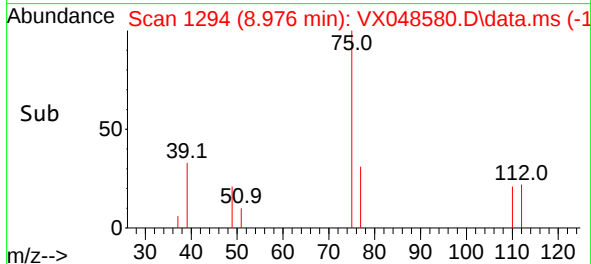
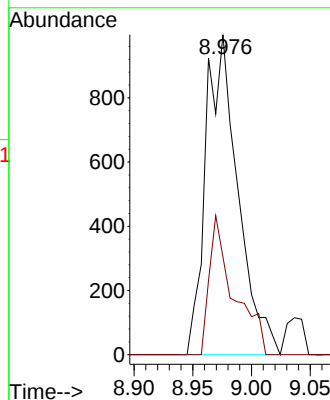
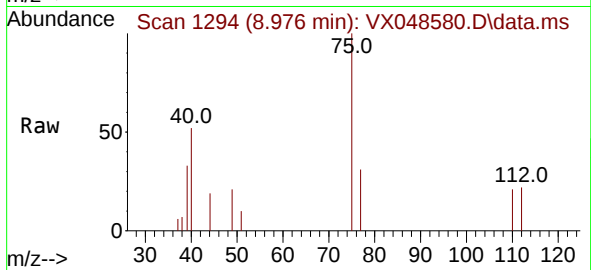




#53
 t-1,3-Dichloropropene
 Concen: 0.524 ug/l
 RT: 8.976 min Scan# 1191
 Delta R.T. 0.012 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

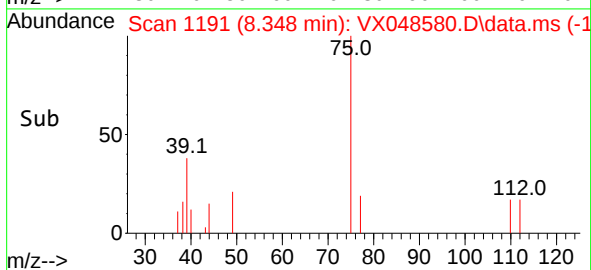
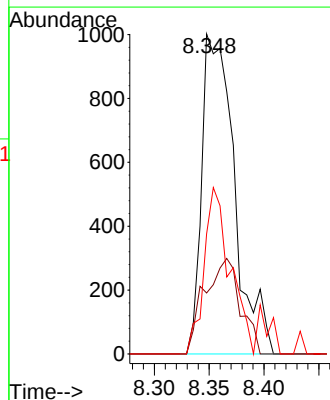
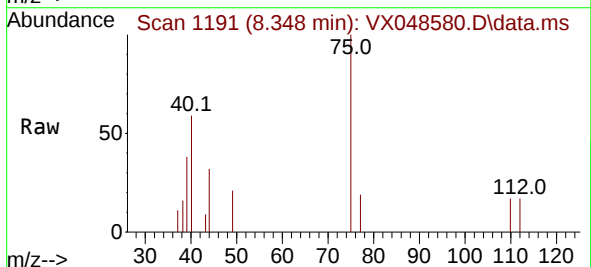
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

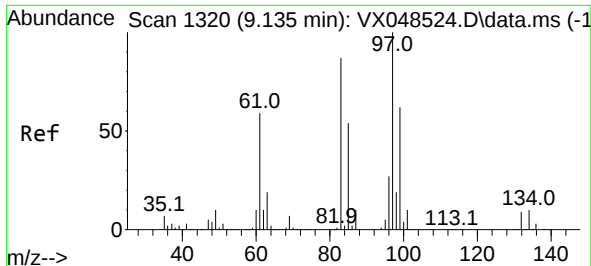
Tgt Ion: 75 Resp: 1899
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 0.553 ug/l
 RT: 8.348 min Scan# 1191
 Delta R.T. -0.007 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

Tgt Ion: 75 Resp: 2076
 Ion Ratio Lower Upper
 75 100
 77 19.1 24.7 37.1#
 39 37.5 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.629 ug/l

RT: 9.134 min Scan# 1316

Delta R.T. -0.001 min

Lab File: VX048580.D

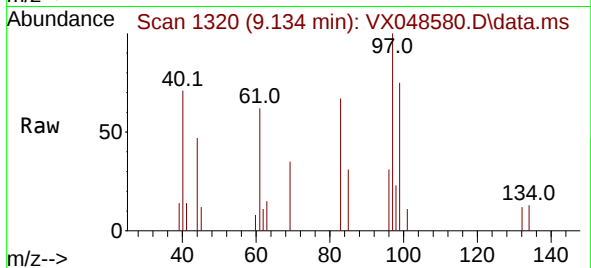
Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 97 Resp: 1392

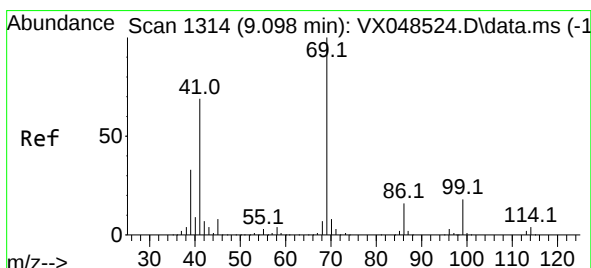
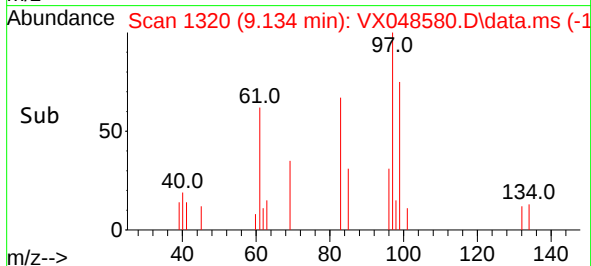
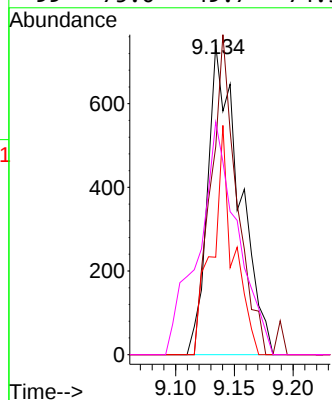
Ion Ratio Lower Upper

97 100

83 67.1 69.2 103.8#

85 31.4 42.8 64.2#

99 75.0 49.7 74.5#



#56

Ethyl methacrylate

Concen: 0.506 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

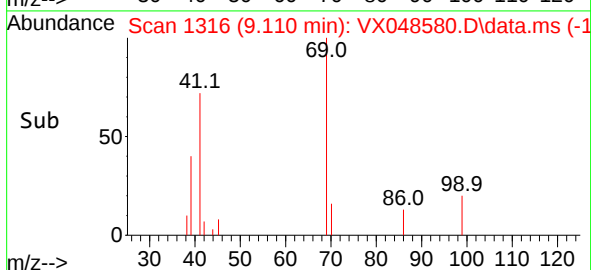
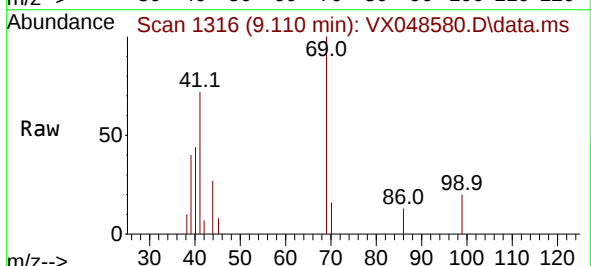
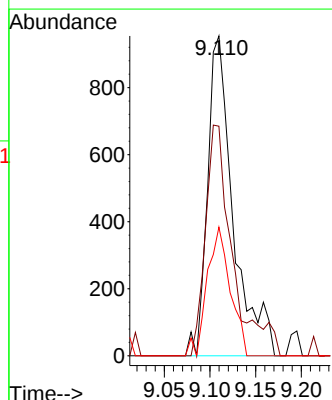
Tgt Ion: 69 Resp: 1863

Ion Ratio Lower Upper

69 100

41 75.8 53.3 79.9

39 36.2 26.1 39.1





#57

1,3-Dichloropropane

Concen: 0.641 ug/l

RT: 9.299 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

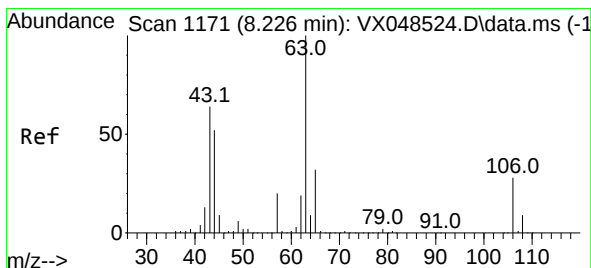
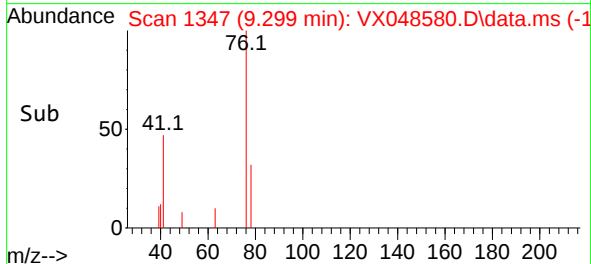
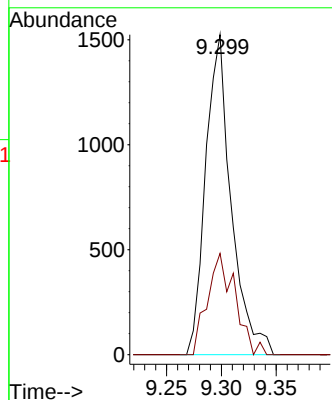
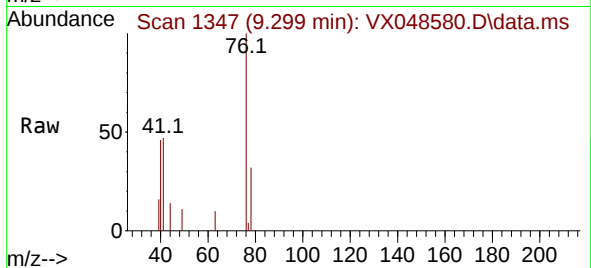
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 2468

Ion Ratio Lower Upper

76 100

78 34.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 2.511 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048580.D

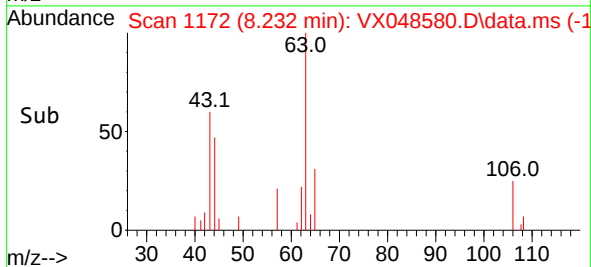
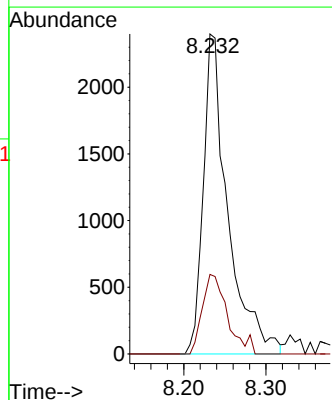
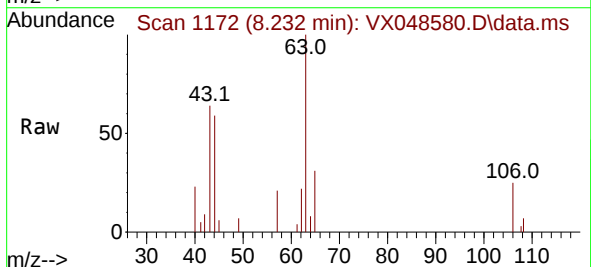
Acq: 12 Nov 2025 15:54

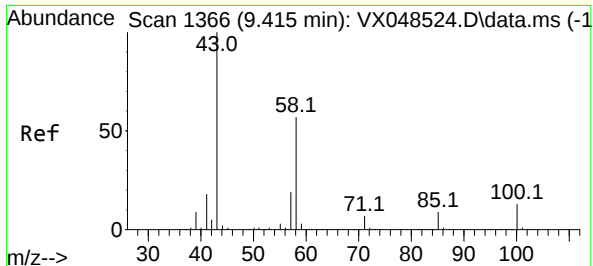
Tgt Ion: 63 Resp: 4968

Ion Ratio Lower Upper

63 100

106 25.5 23.0 34.4





#59

2-Hexanone

Concen: 2.663 ug/l

RT: 9.421 min Scan# 1367

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

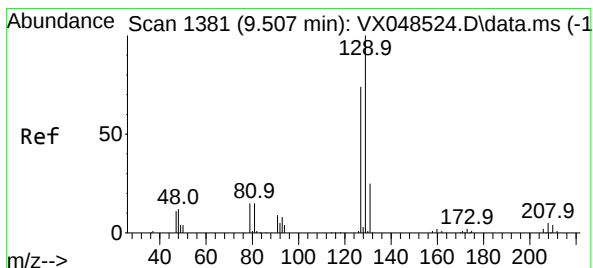
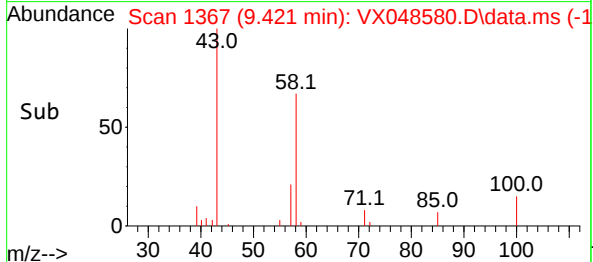
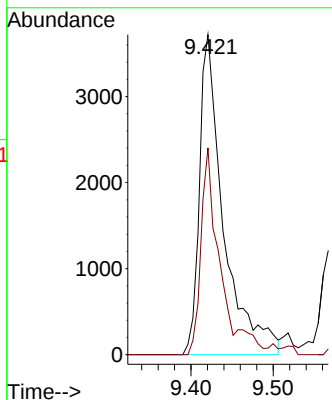
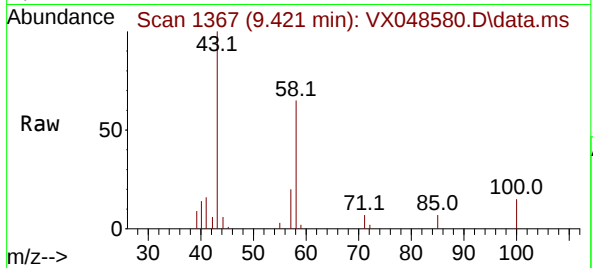
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 7570

Ion Ratio Lower Upper

43 100

58 51.2 28.1 84.2



#60

Dibromochloromethane

Concen: 0.549 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. -0.001 min

Lab File: VX048580.D

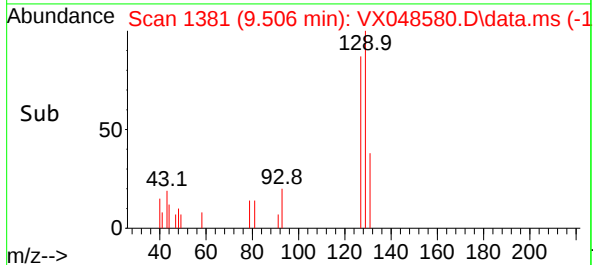
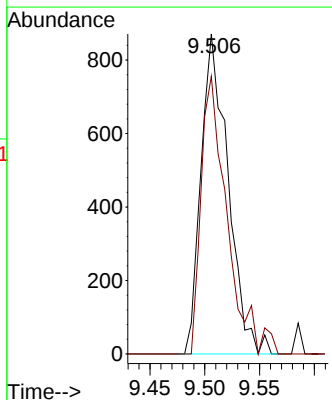
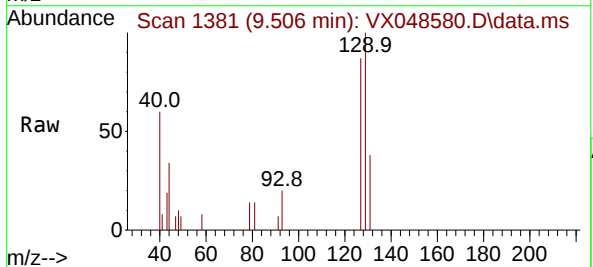
Acq: 12 Nov 2025 15:54

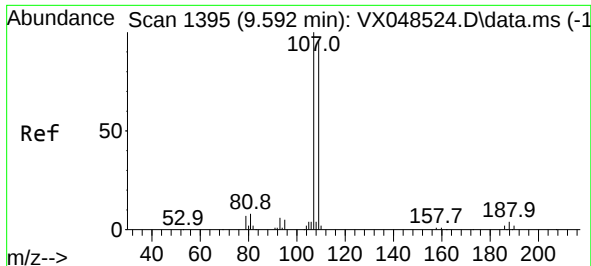
Tgt Ion: 129 Resp: 1492

Ion Ratio Lower Upper

129 100

127 83.5 38.0 114.0

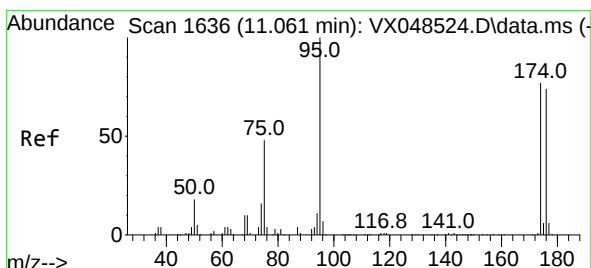
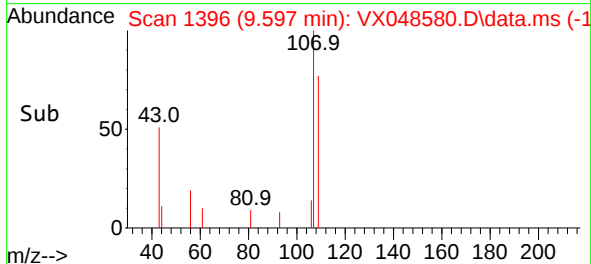
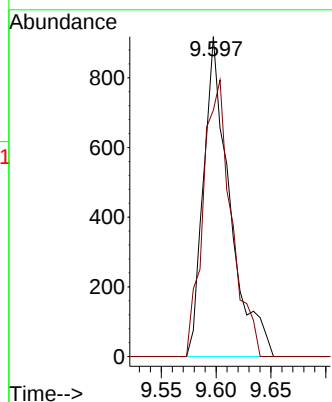
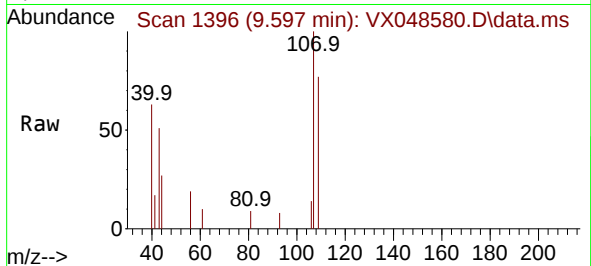




#61
1,2-Dibromoethane
Concen: 0.634 ug/l
RT: 9.597 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

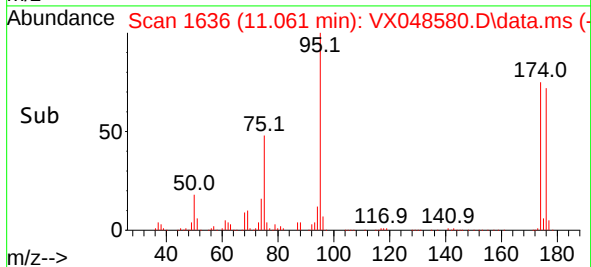
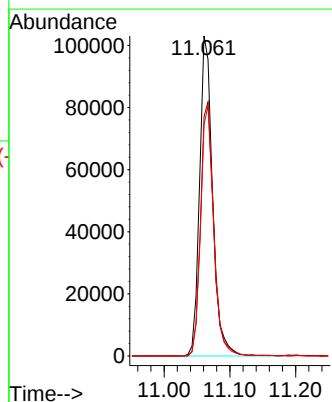
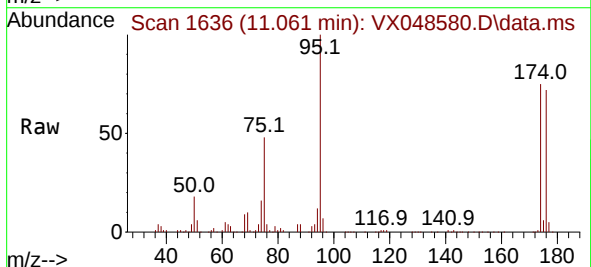
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

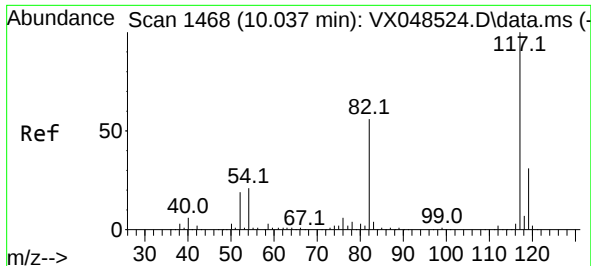
Tgt Ion:107 Resp: 1520
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 48.014 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 95 Resp: 141387
Ion Ratio Lower Upper
95 100
174 81.4 0.0 161.8
176 78.7 0.0 153.6

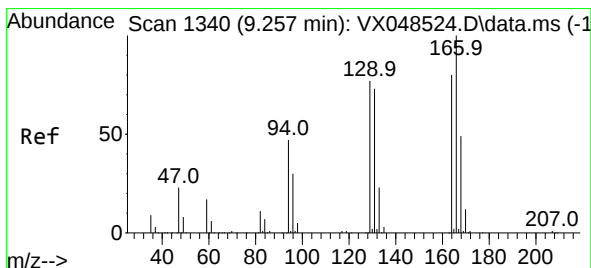
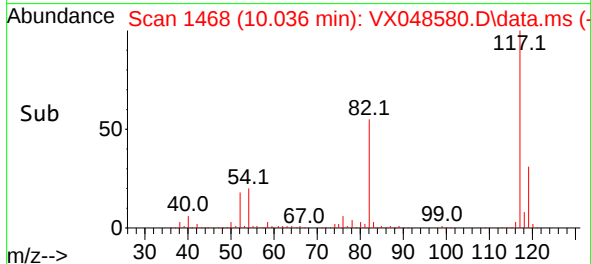
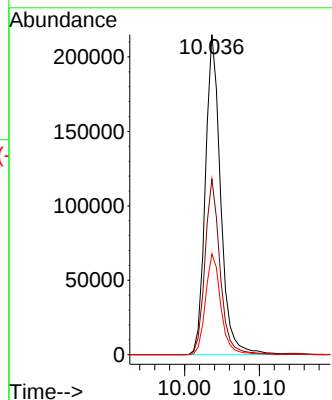
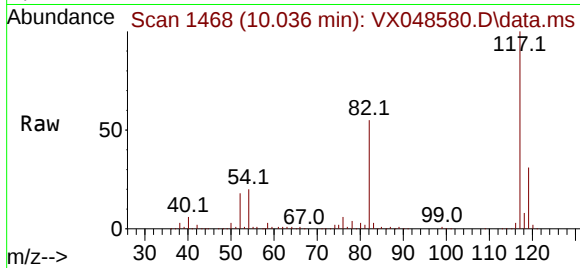




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

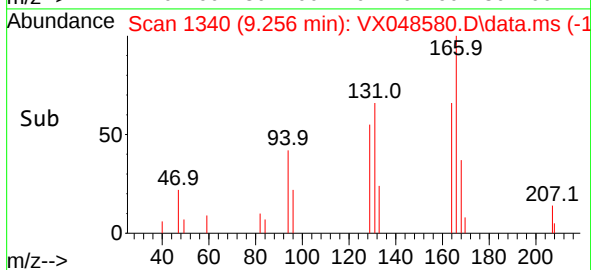
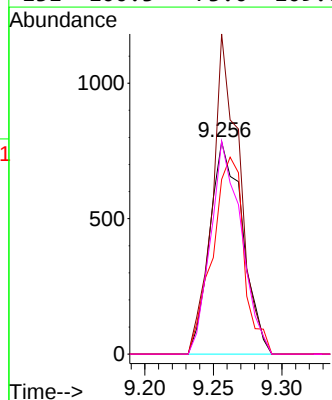
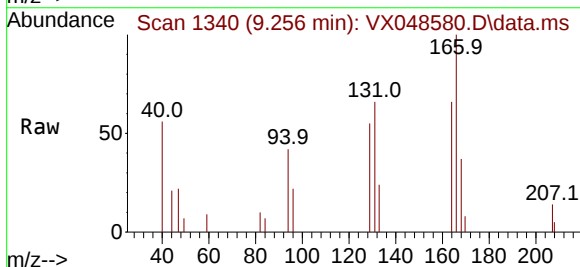
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

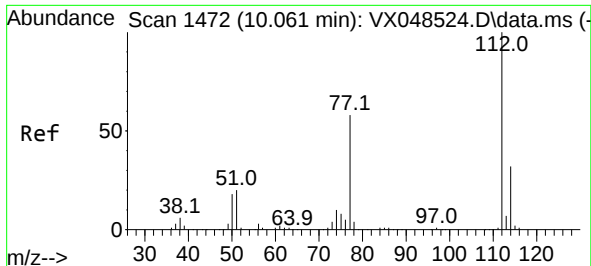
Tgt Ion:117 Resp: 305256
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 31.5 25.1 37.7



#64
Tetrachloroethene
Concen: 0.589 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:164 Resp: 1305
Ion Ratio Lower Upper
164 100
166 150.8 100.6 150.8
129 82.3 77.6 116.4
131 100.3 73.0 109.6

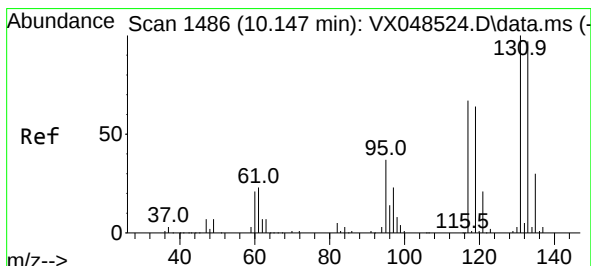
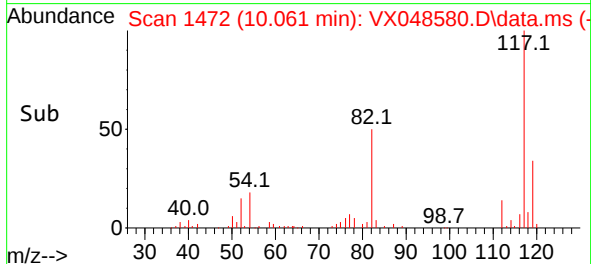
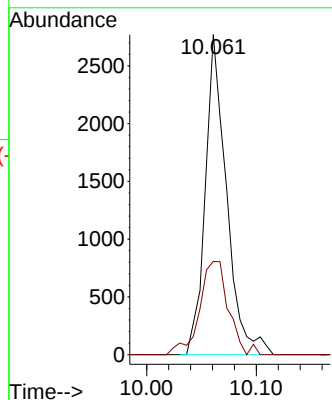
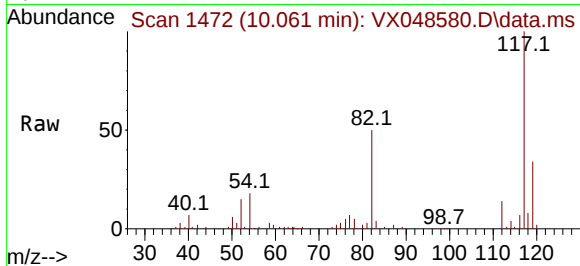




#65
Chlorobenzene
Concen: 0.516 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

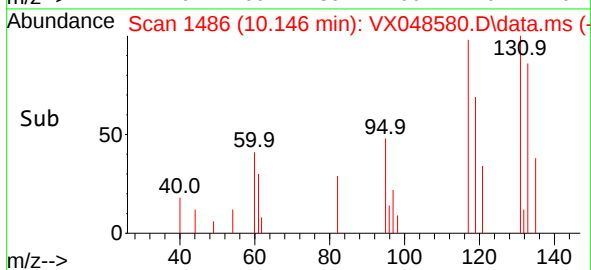
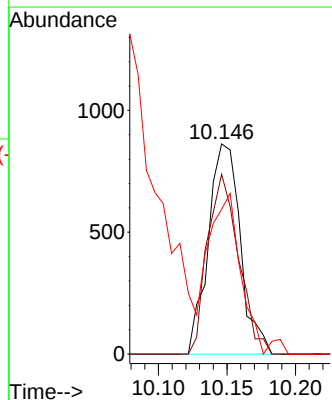
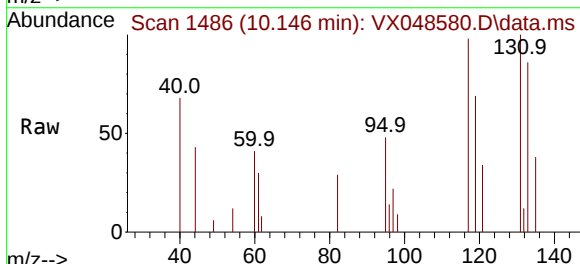
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

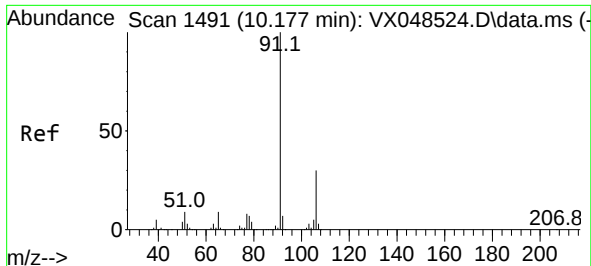
Tgt Ion:112 Resp: 3735
Ion Ratio Lower Upper
112 100
114 29.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.579 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:131 Resp: 1405
Ion Ratio Lower Upper
131 100
133 83.2 47.9 143.7
119 0.0 32.8 98.3#

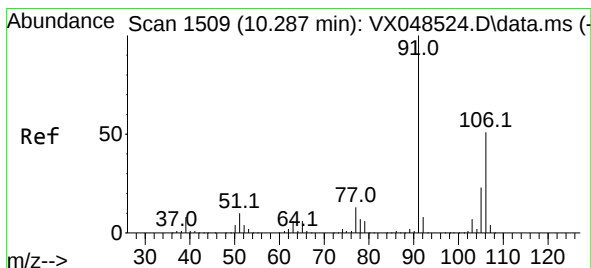
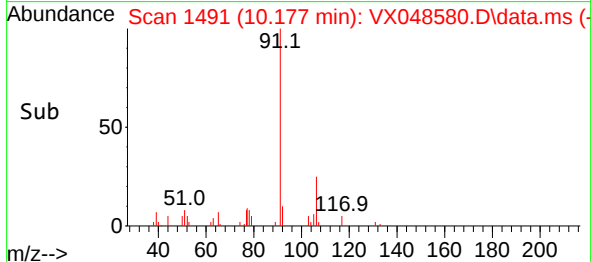
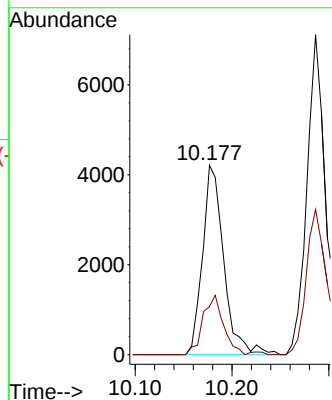
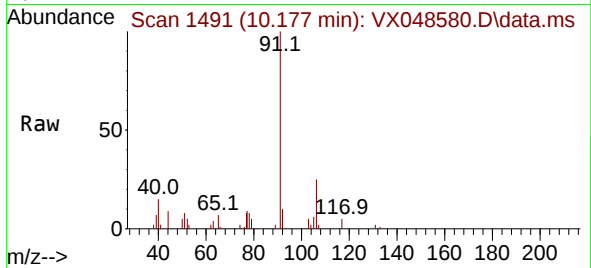




#67
Ethyl Benzene
Concen: 0.531 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

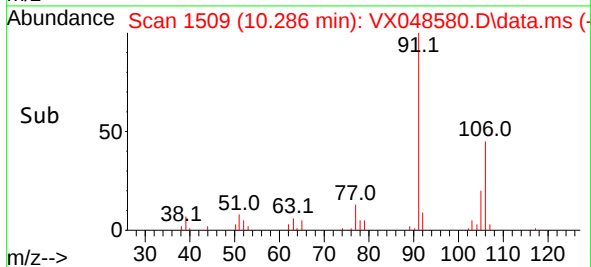
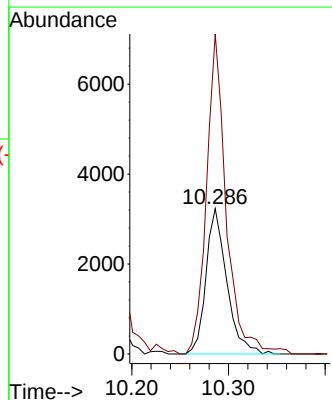
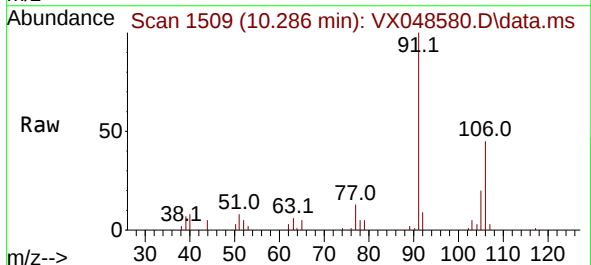
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

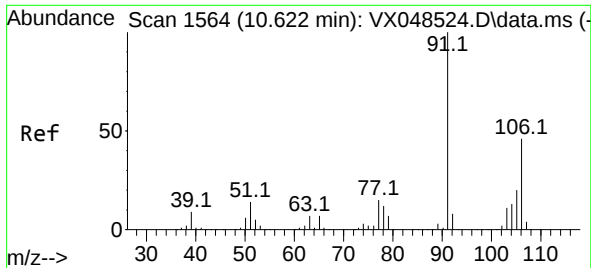
Tgt Ion: 91 Resp: 6461
Ion Ratio Lower Upper
91 100
106 25.4 24.1 36.1



#68
m/p-Xylenes
Concen: 1.056 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 106 Resp: 4840
Ion Ratio Lower Upper
106 100
91 208.4 159.6 239.4

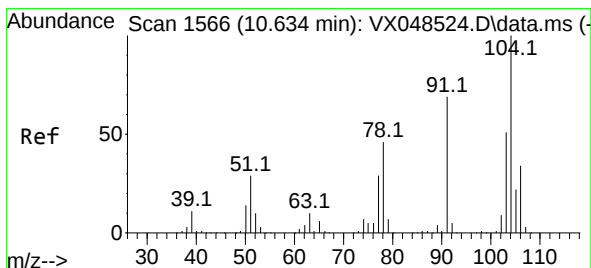
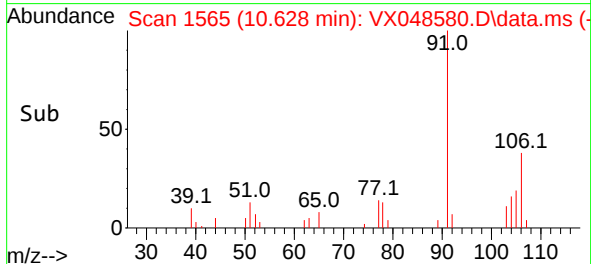
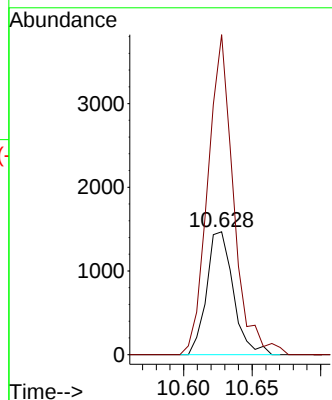
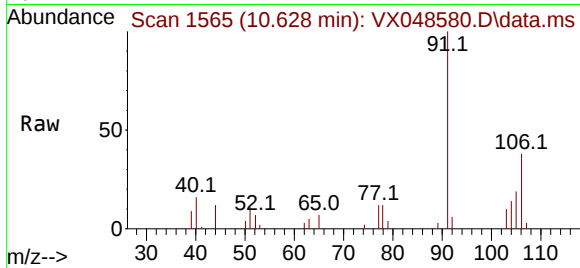




#69
o-Xylene
Concen: 0.443 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

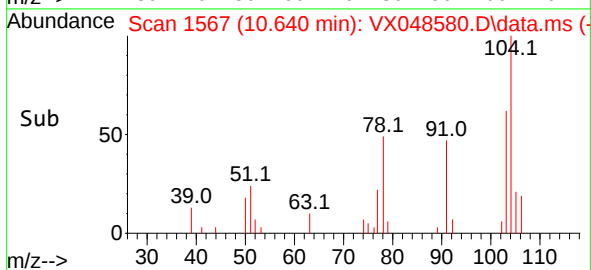
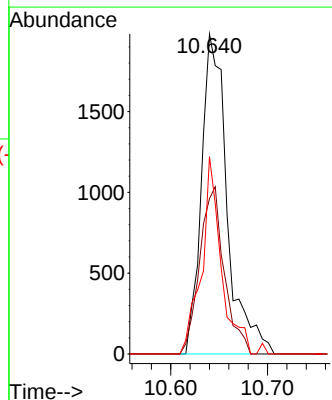
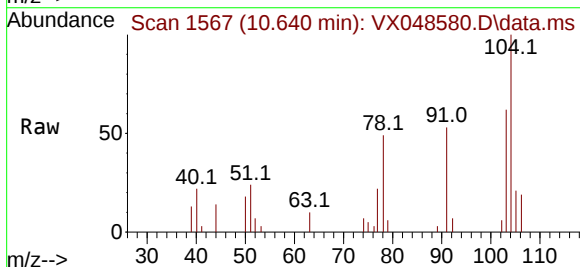
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

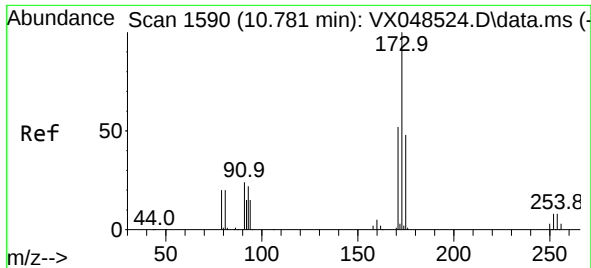
Tgt Ion:106 Resp: 1984
Ion Ratio Lower Upper
106 100
91 250.9 106.4 319.2



#70
Styrene
Concen: 0.488 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:104 Resp: 3671
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.2
103 47.2 43.1 64.7

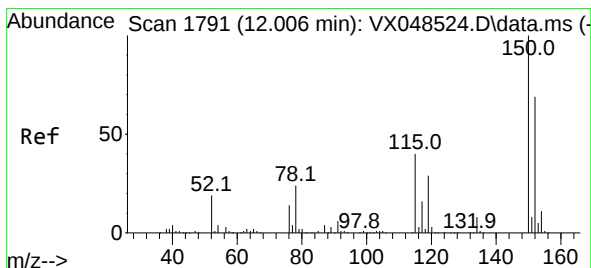
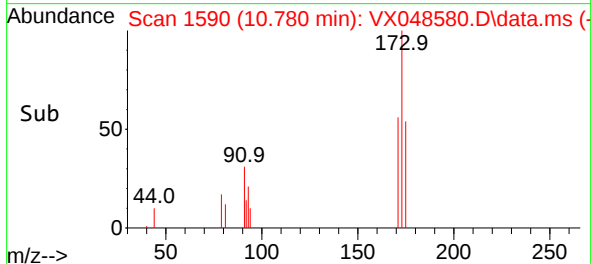
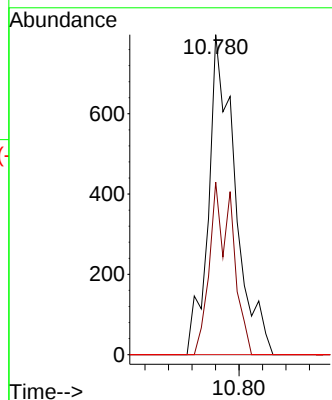
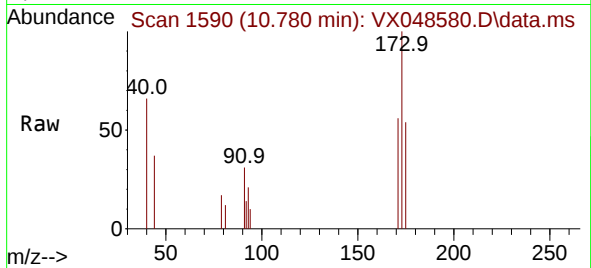




#71
Bromoform
Concen: 0.560 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

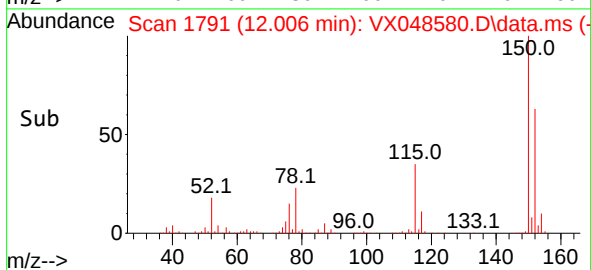
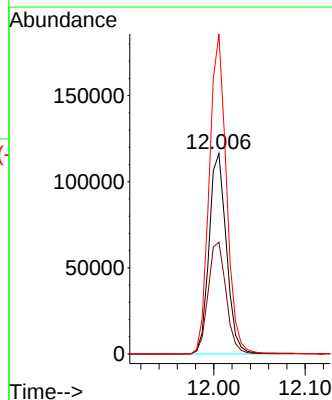
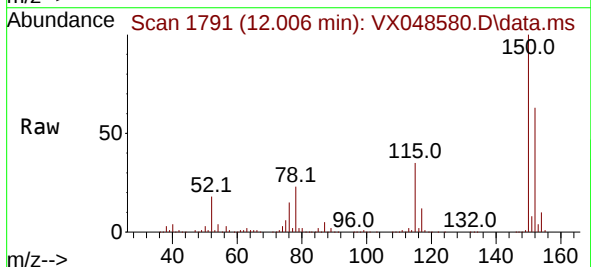
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

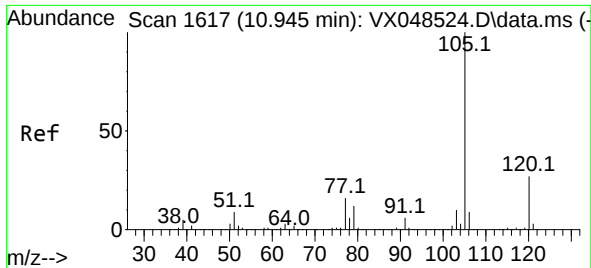
Tgt Ion:173 Resp: 1254
Ion Ratio Lower Upper
173 100
175 46.1 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:152 Resp: 153213
Ion Ratio Lower Upper
152 100
115 58.2 39.2 117.6
150 157.8 0.0 347.0

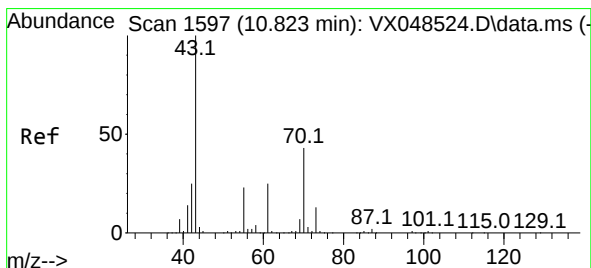
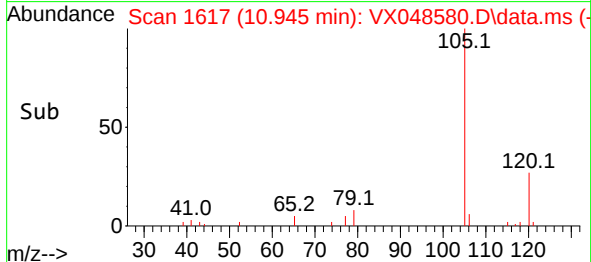
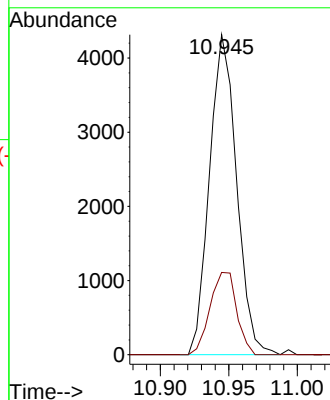
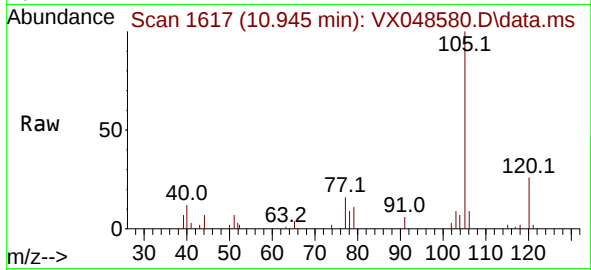




#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

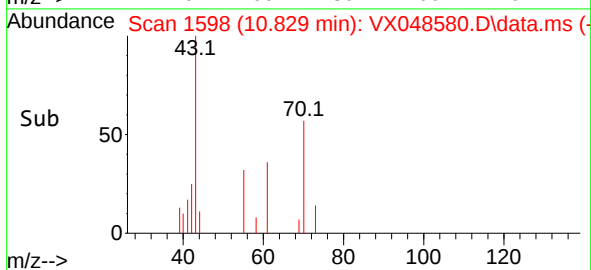
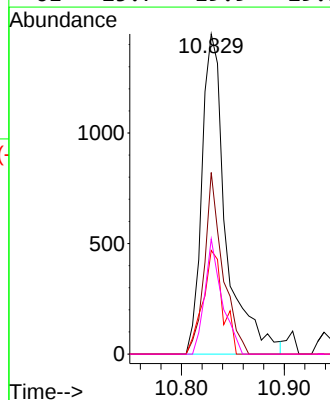
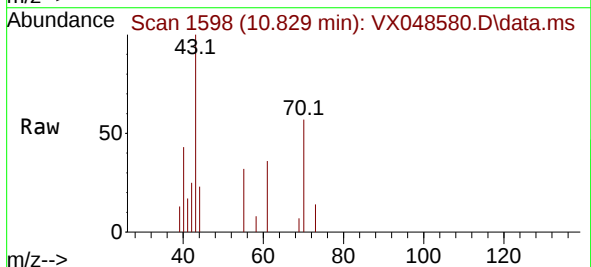
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

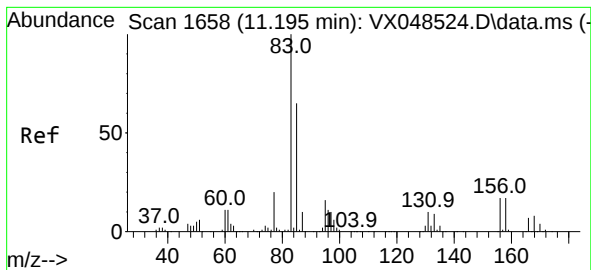
Tgt Ion:105 Resp: 5931
Ion Ratio Lower Upper
105 100
120 25.3 13.6 40.7



#74
N-ethyl acetate
Concen: 0.424 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 43 Resp: 2369
Ion Ratio Lower Upper
43 100
70 42.7 35.1 52.7
55 26.8 19.3 28.9
61 25.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 0.550 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

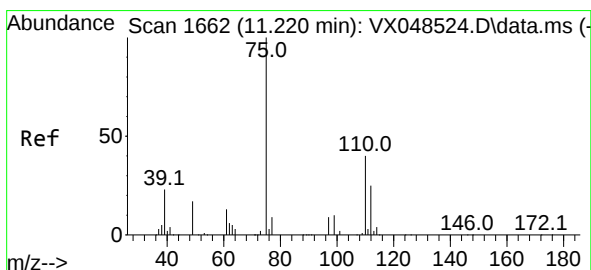
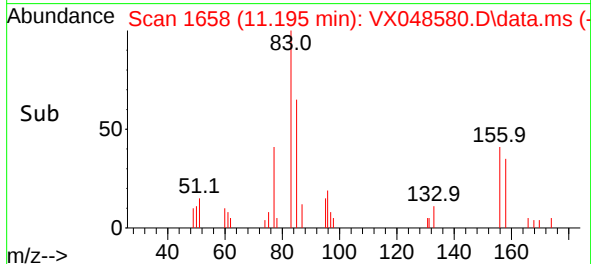
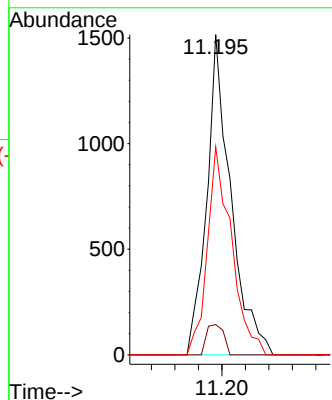
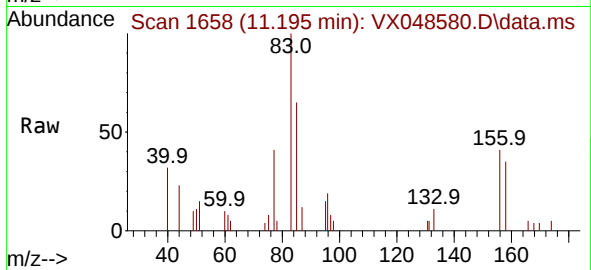
Tgt Ion: 83 Resp: 2156

Ion Ratio Lower Upper

83 100

131 6.7 5.3 15.8

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 0.688 ug/l

RT: 11.225 min Scan# 1663

Delta R.T. 0.006 min

Lab File: VX048580.D

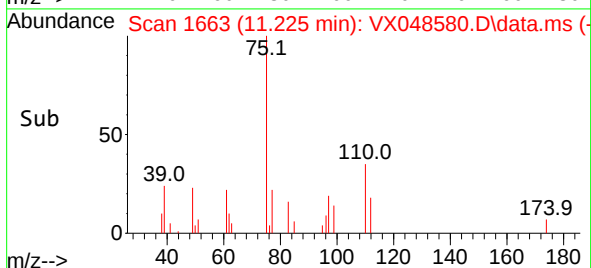
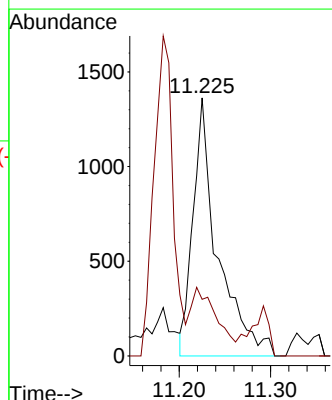
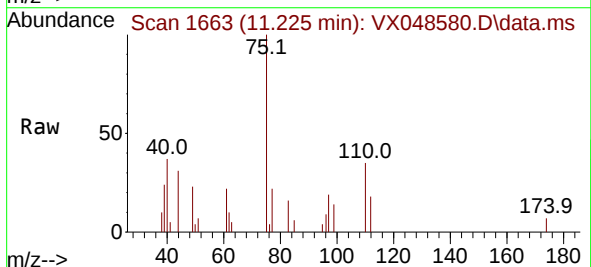
Acq: 12 Nov 2025 15:54

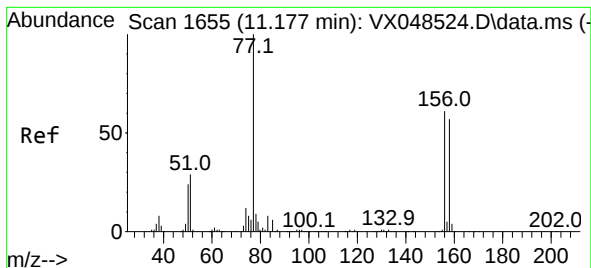
Tgt Ion: 75 Resp: 2541

Ion Ratio Lower Upper

75 100

77 28.3 24.3 72.8





#77

Bromobenzene

Concen: 0.588 ug/l

RT: 11.183 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

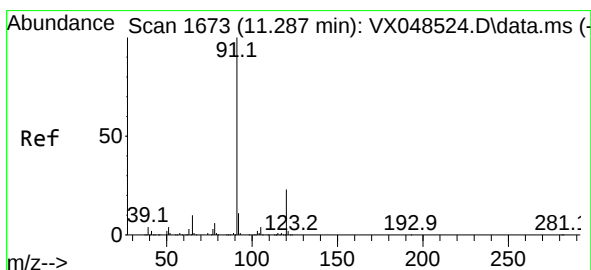
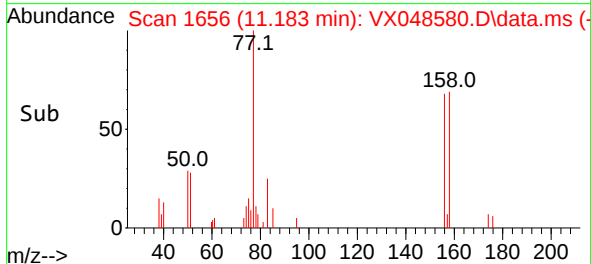
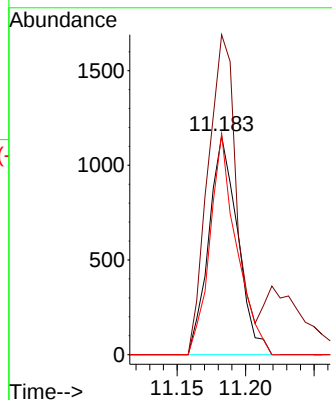
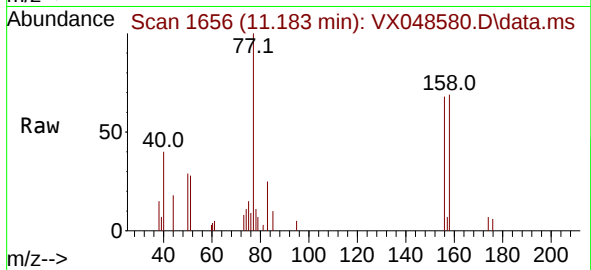
Tgt Ion:156 Resp: 1689

Ion Ratio Lower Upper

156 100

77 145.7 78.1 234.4

158 93.1 48.5 145.5



#78

n-propylbenzene

Concen: 0.536 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.001 min

Lab File: VX048580.D

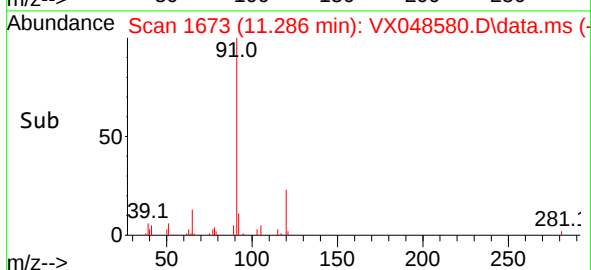
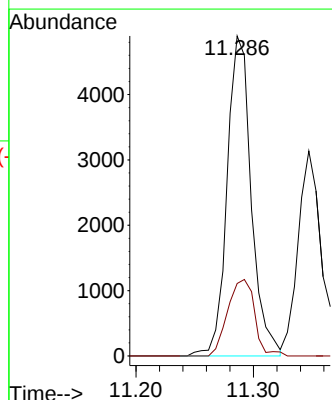
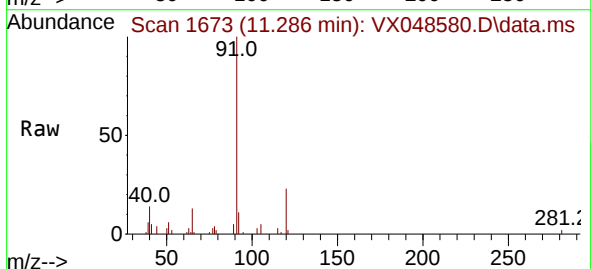
Acq: 12 Nov 2025 15:54

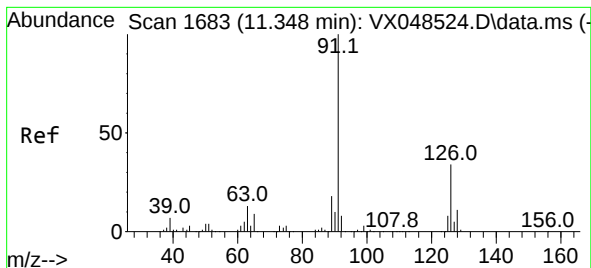
Tgt Ion: 91 Resp: 7004

Ion Ratio Lower Upper

91 100

120 26.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.567 ug/l

RT: 11.347 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

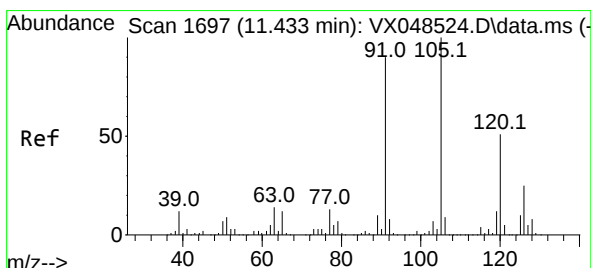
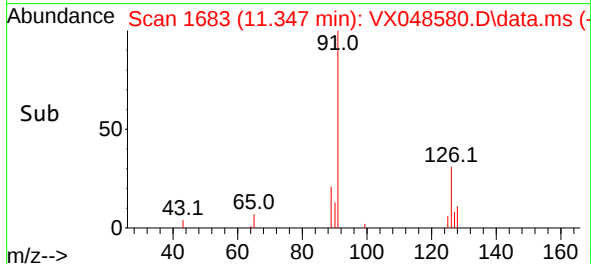
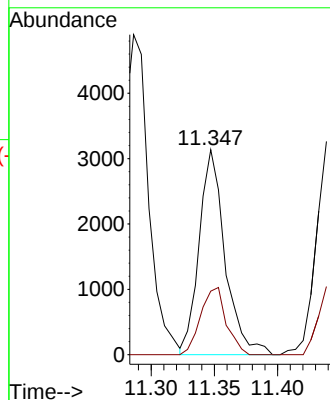
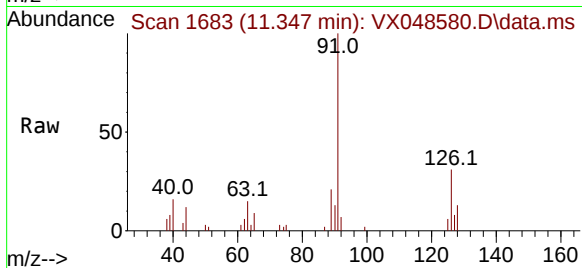
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 4480

Ion Ratio Lower Upper

91 100

126 32.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.512 ug/l

RT: 11.439 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VX048580.D

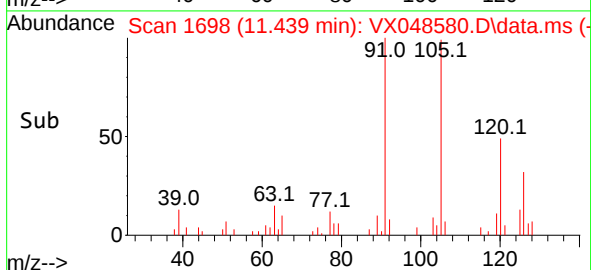
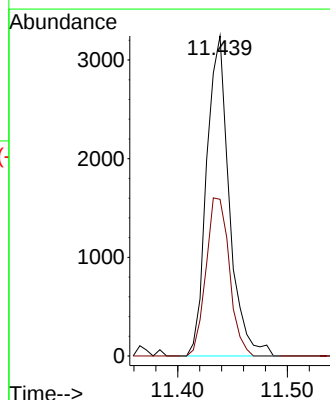
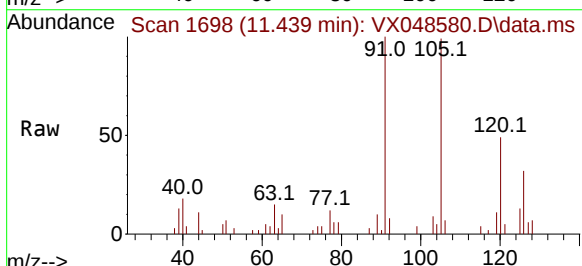
Acq: 12 Nov 2025 15:54

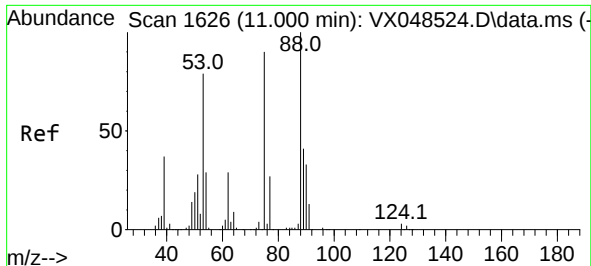
Tgt Ion: 105 Resp: 4643

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

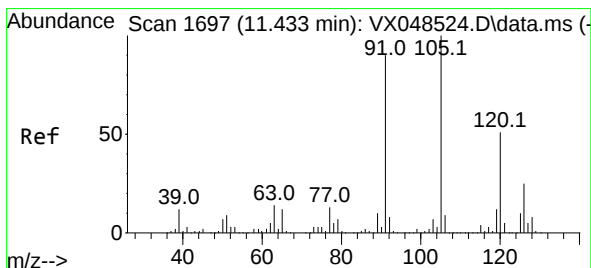
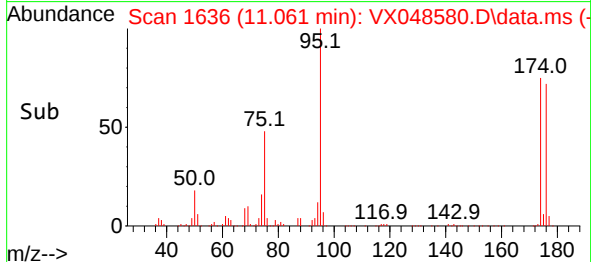
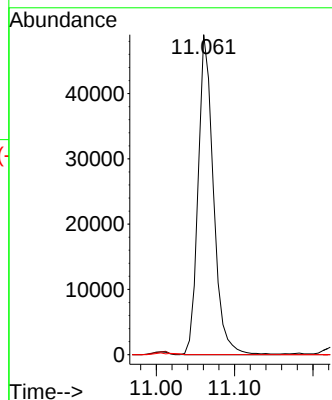
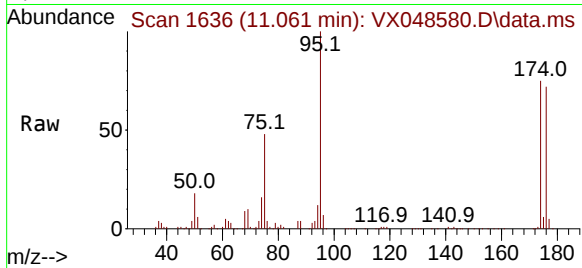




#81
trans-1,4-Dichloro-2-butene
Concen: 51.750 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.060 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

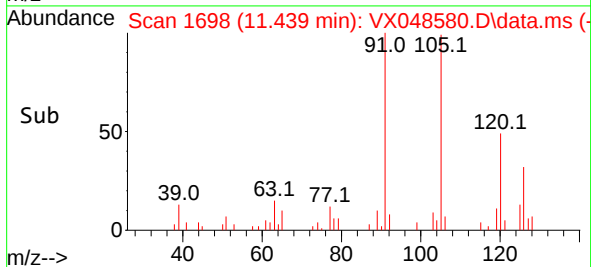
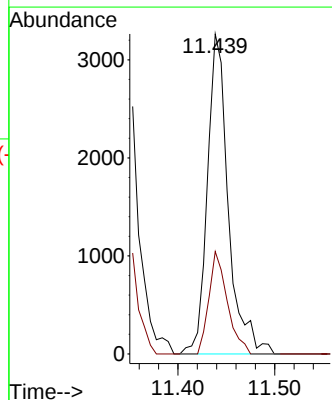
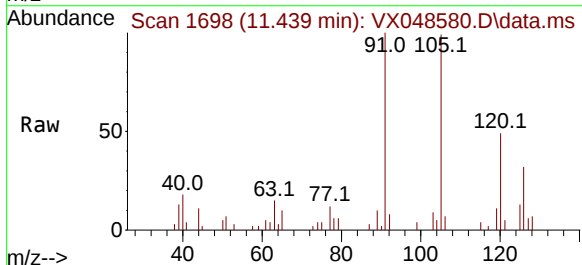
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

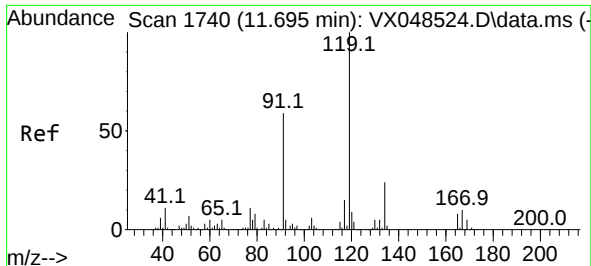
Tgt Ion: 75 Resp: 66781
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#



#82
4-Chlorotoluene
Concen: 0.530 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 91 Resp: 4908
Ion Ratio Lower Upper
91 100
126 28.2 14.9 44.7

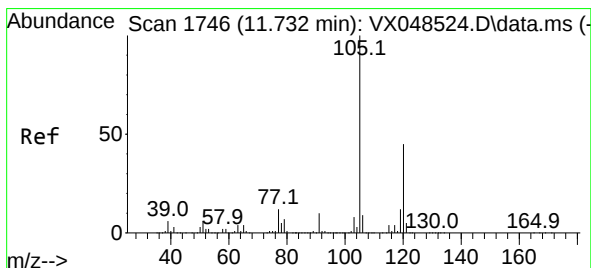
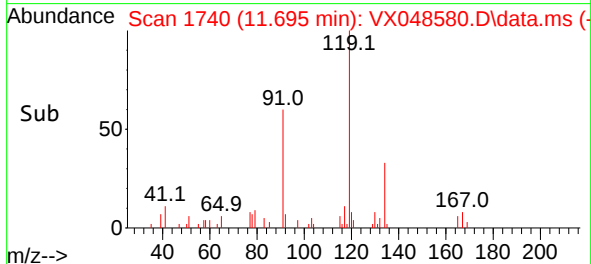
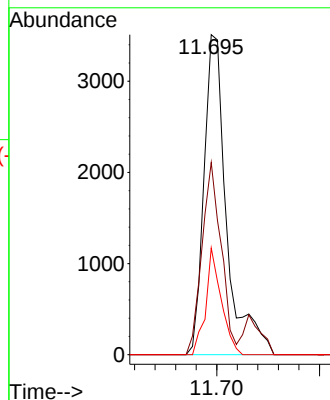
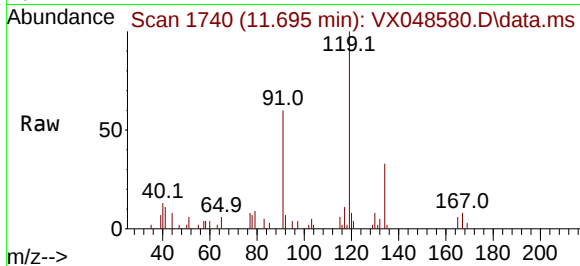




#83
 tert-Butylbenzene
 Concen: 0.575 ug/l
 RT: 11.695 min Scan# 1740
 Delta R.T. -0.001 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

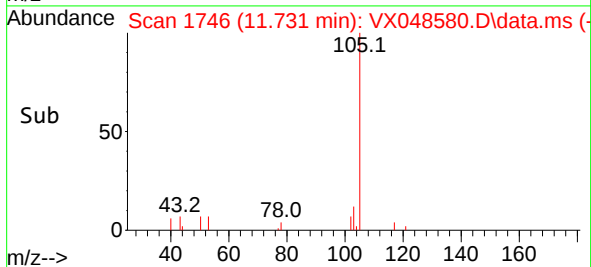
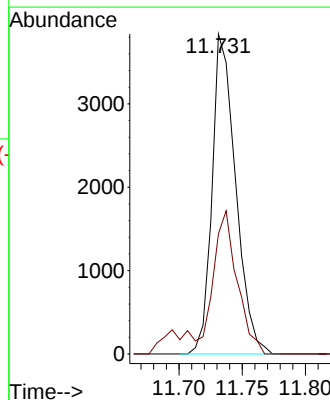
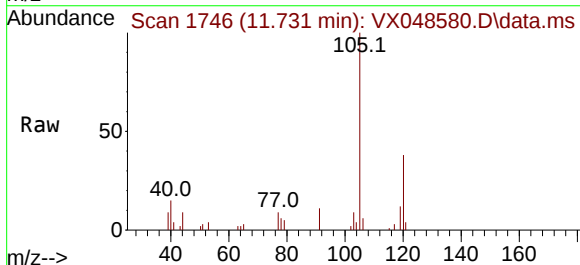
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

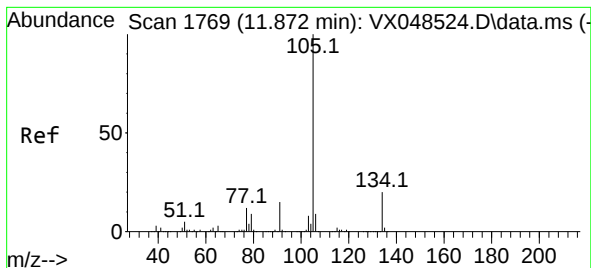
Tgt Ion:119 Resp: 5395
 Ion Ratio Lower Upper
 119 100
 91 51.0 27.1 81.3
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.543 ug/l
 RT: 11.731 min Scan# 1746
 Delta R.T. -0.001 min
 Lab File: VX048580.D
 Acq: 12 Nov 2025 15:54

Tgt Ion:105 Resp: 4968
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.490 ug/l

RT: 11.871 min Scan# 1769

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

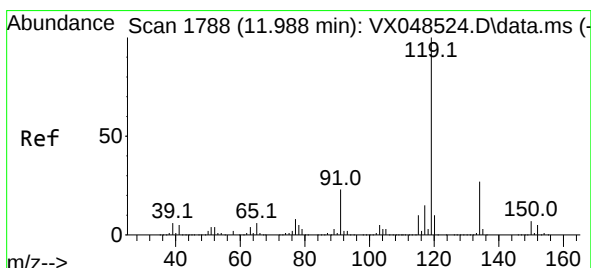
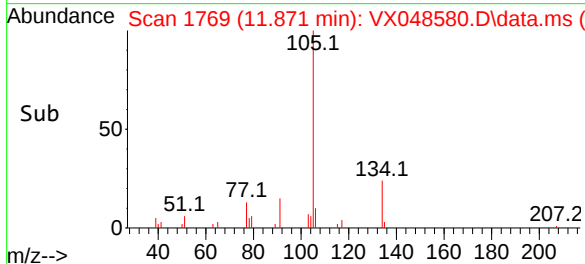
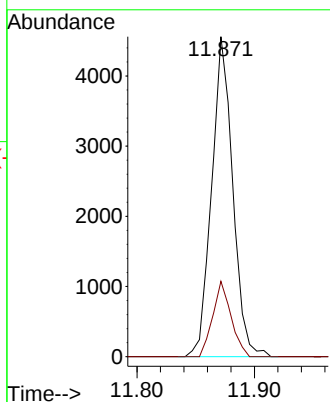
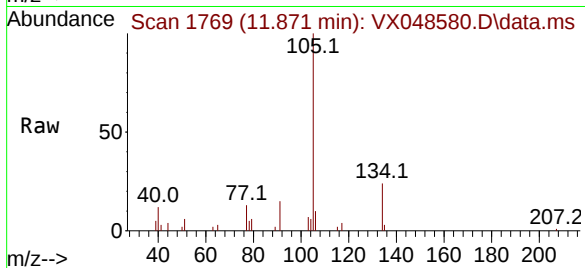
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 5682

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.499 ug/l

RT: 11.987 min Scan# 1788

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

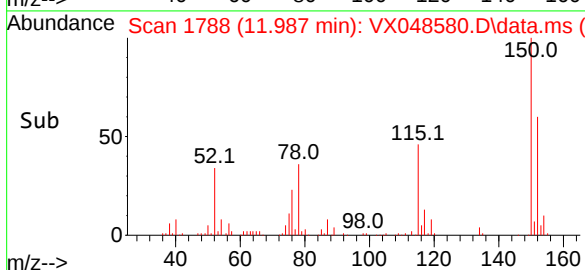
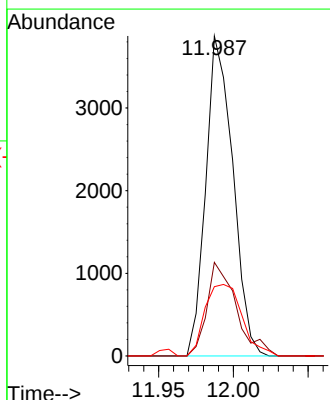
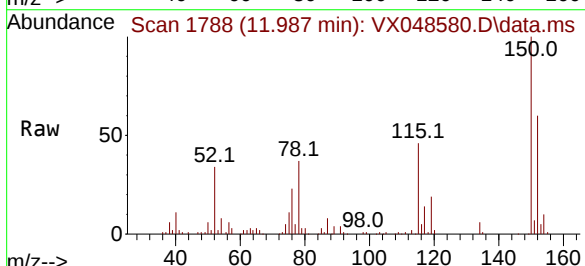
Tgt Ion:119 Resp: 4863

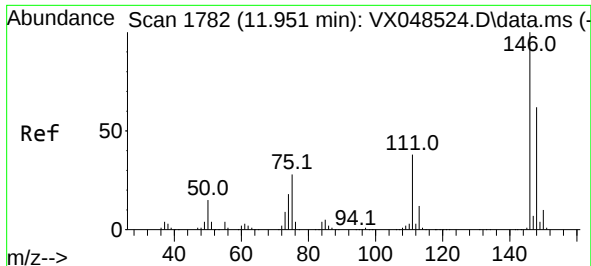
Ion Ratio Lower Upper

119 100

134 31.7 13.2 39.5

91 30.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.538 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

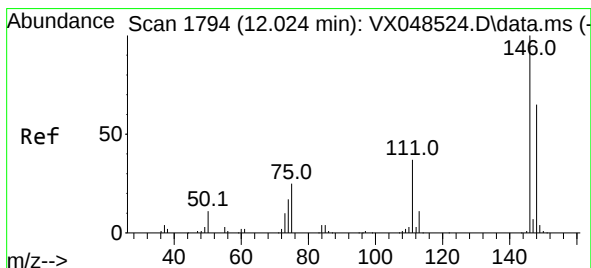
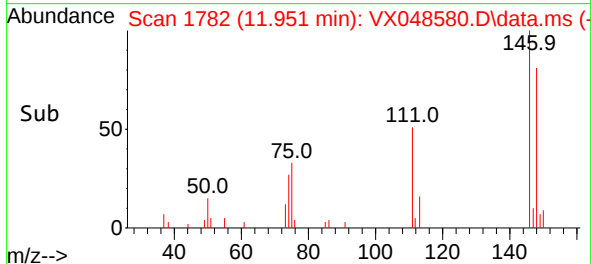
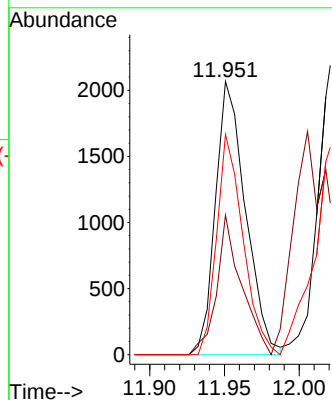
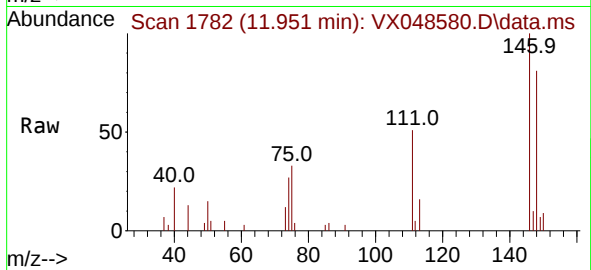
Tgt Ion:146 Resp: 2893

Ion Ratio Lower Upper

146 100

111 42.1 19.8 59.4

148 70.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.520 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.074 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

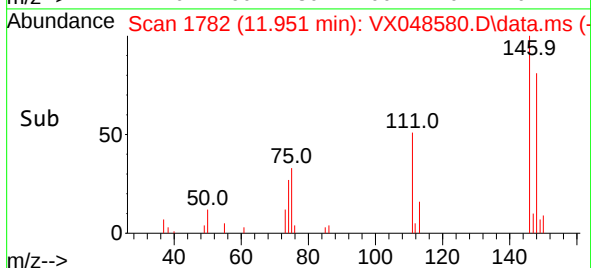
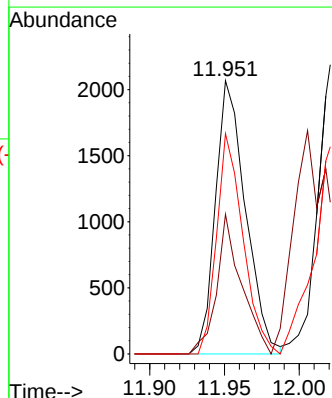
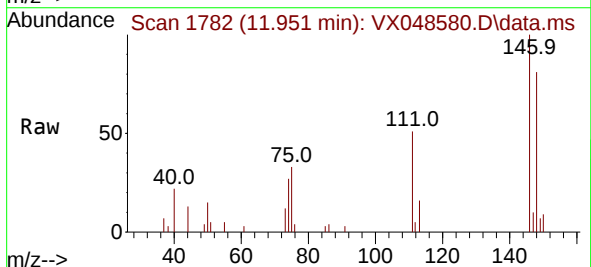
Tgt Ion:146 Resp: 2893

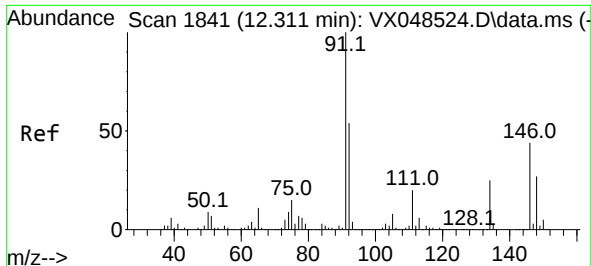
Ion Ratio Lower Upper

146 100

111 42.1 19.2 57.6

148 70.6 31.9 95.9

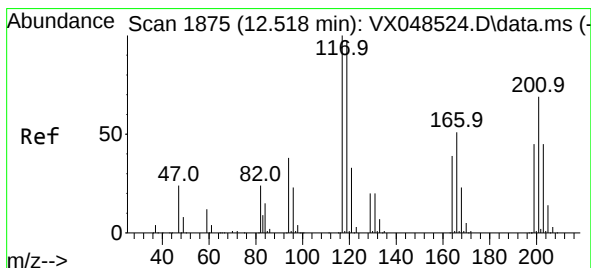
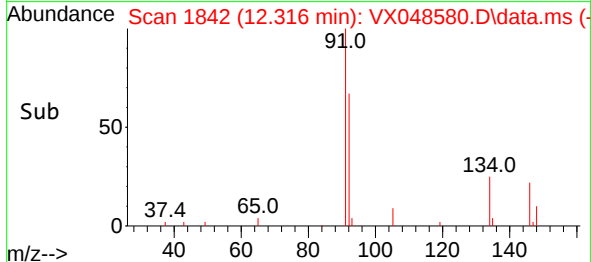
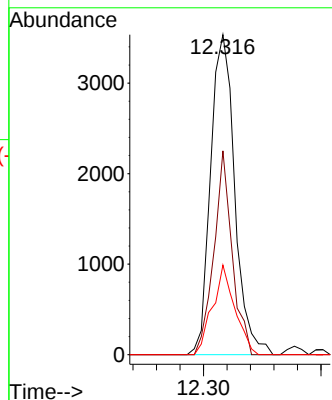
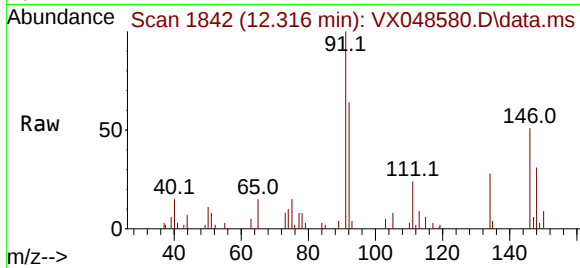




#89
n-Butylbenzene
Concen: 0.552 ug/l
RT: 12.316 min Scan# 1841
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

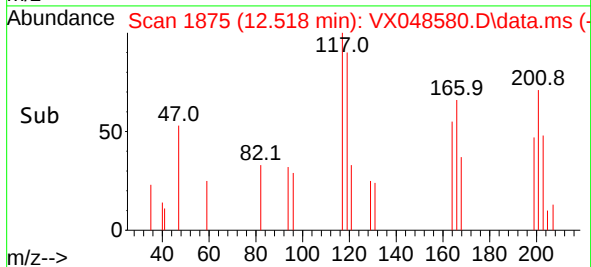
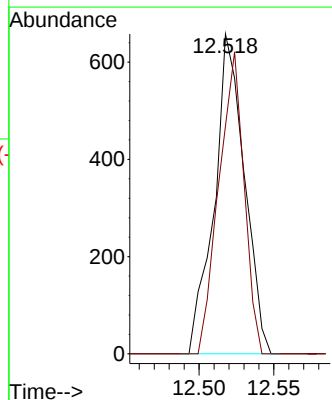
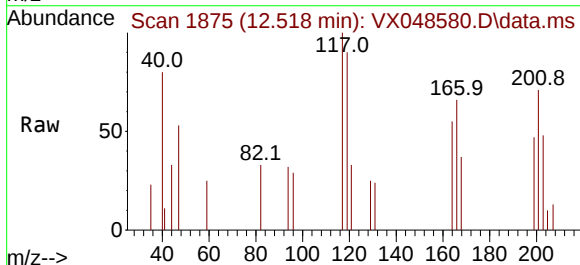
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

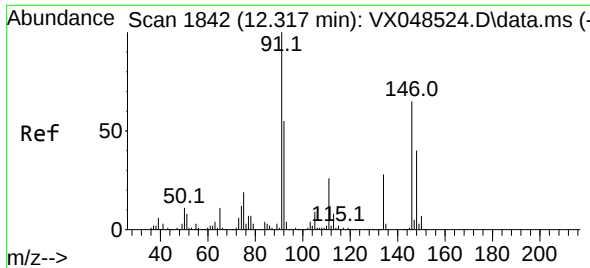
Tgt Ion: 91 Resp: 5043
Ion Ratio Lower Upper
91 100
92 48.4 27.2 81.5
134 25.9 13.0 39.0



#90
Hexachloroethane
Concen: 0.497 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion: 117 Resp: 923
Ion Ratio Lower Upper
117 100
201 78.5 35.9 107.8

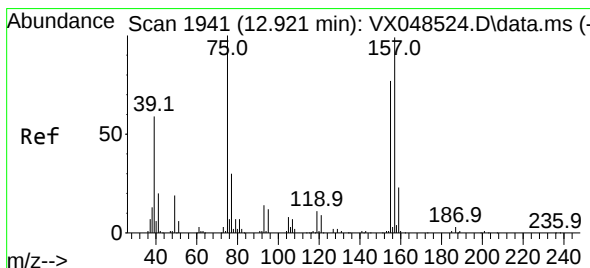
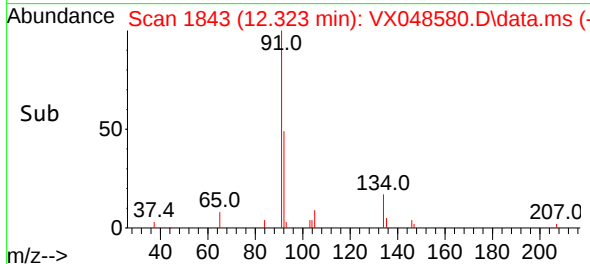
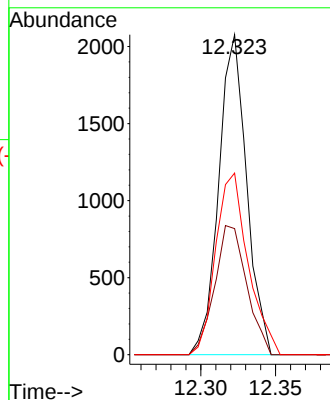
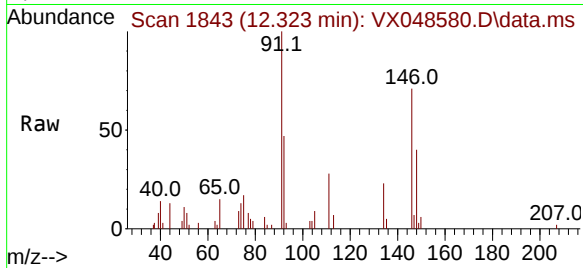




#91
1,2-Dichlorobenzene
Concen: 0.522 ug/l
RT: 12.323 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

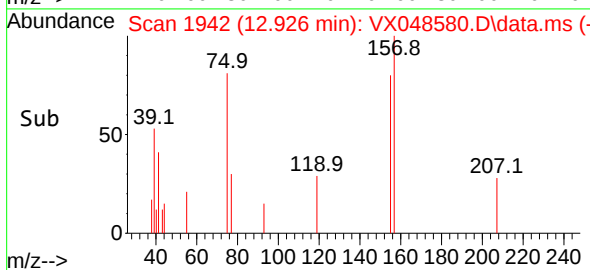
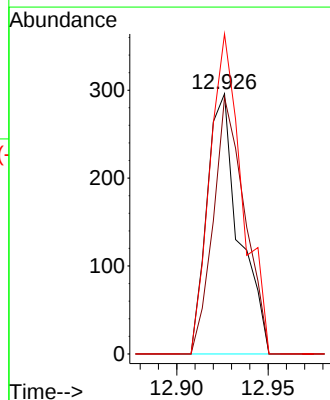
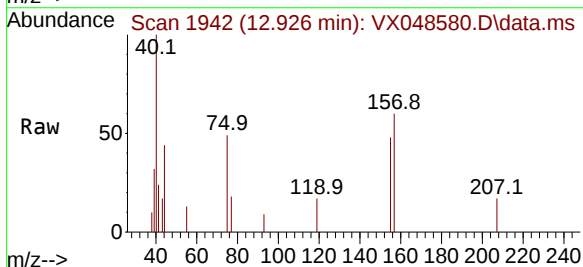
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

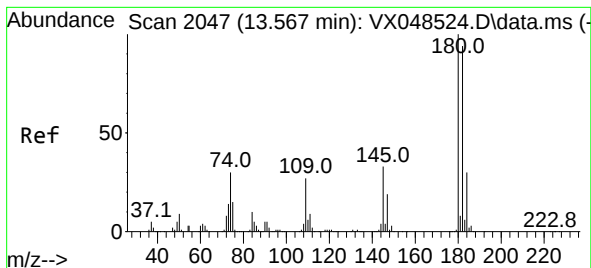
Tgt Ion:	146	Resp:	2699
Ion	Ratio	Lower	Upper
146	100		
111	46.3	20.6	61.9
148	65.9	31.4	94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.396 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048580.D
Acq: 12 Nov 2025 15:54

Tgt Ion:	75	Resp:	361
Ion	Ratio	Lower	Upper
75	100		
155	97.0	43.5	130.7
157	124.7	54.8	164.4





#93

1,2,4-Trichlorobenzene

Concen: 0.548 ug/l

RT: 13.572 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

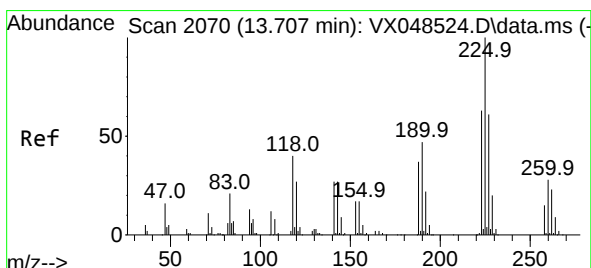
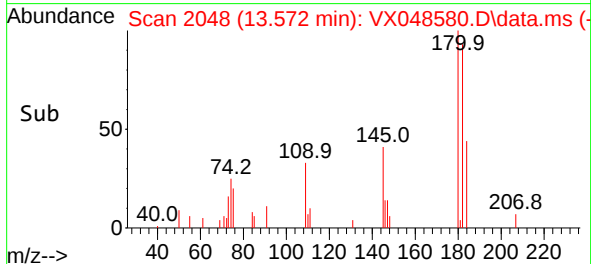
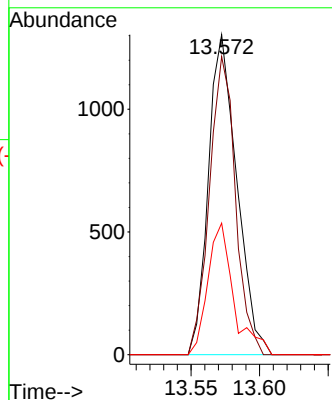
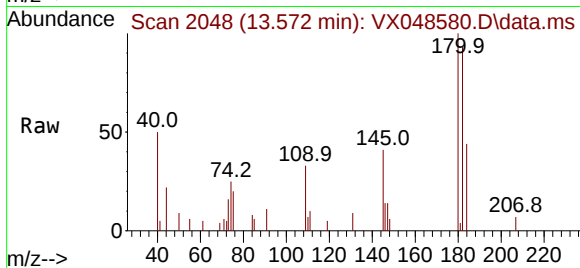
Tgt Ion:180 Resp: 1883

Ion Ratio Lower Upper

180 100

182 85.1 47.5 142.6

145 37.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.528 ug/l

RT: 13.706 min Scan# 2070

Delta R.T. -0.001 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

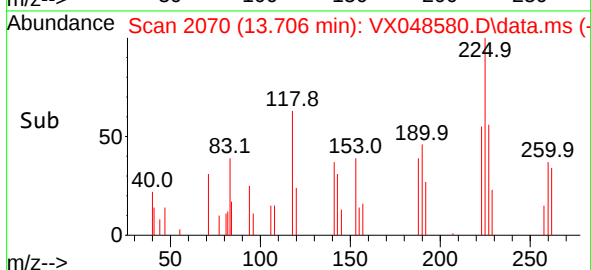
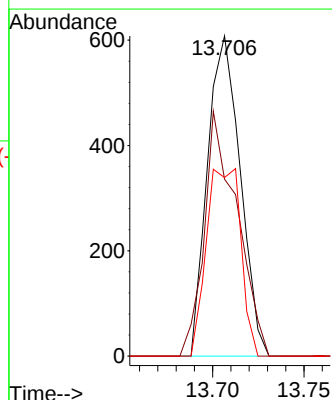
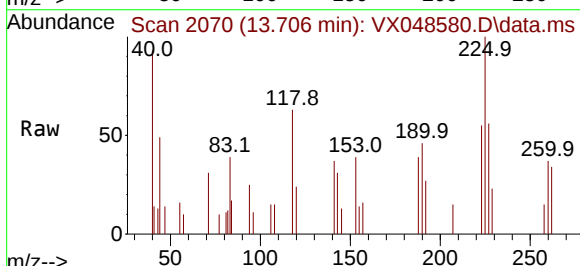
Tgt Ion:225 Resp: 758

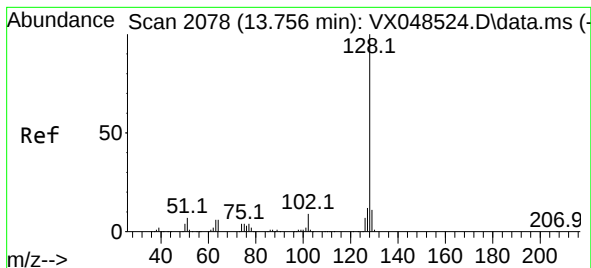
Ion Ratio Lower Upper

225 100

223 76.6 30.6 92.0

227 61.5 32.5 97.4





#95

Naphthalene

Concen: 0.471 ug/l

RT: 13.761 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

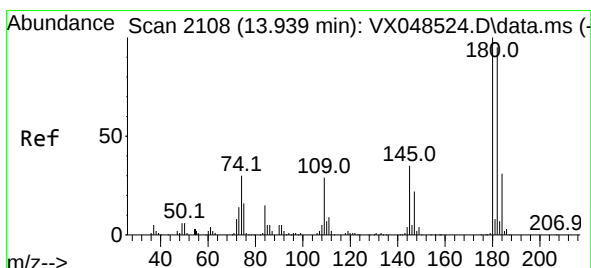
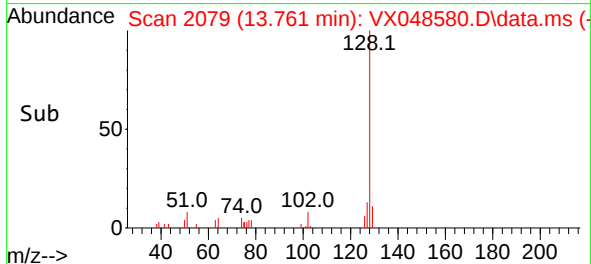
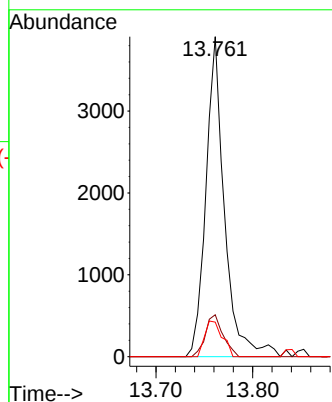
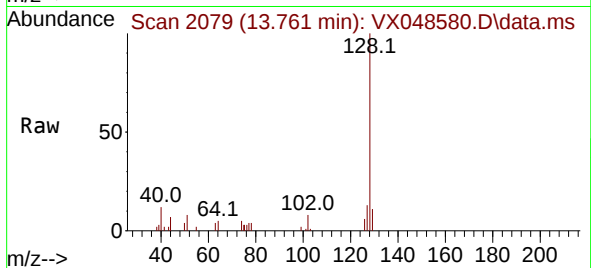
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:128	Resp:	5204
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.1 15.1
129	10.6	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.501 ug/l

RT: 13.944 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048580.D

Acq: 12 Nov 2025 15:54

Tgt Ion:180	Resp:	1601
Ion Ratio	Lower	Upper
180	100	
182	103.2	47.3 142.0
145	36.0	16.7 50.0

