

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045166.D
 Acq On : 06 Mar 2025 14:19
 Operator : JC/MD
 Sample : Q1494-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PURGE-WATER

Quant Time: Mar 07 00:43:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

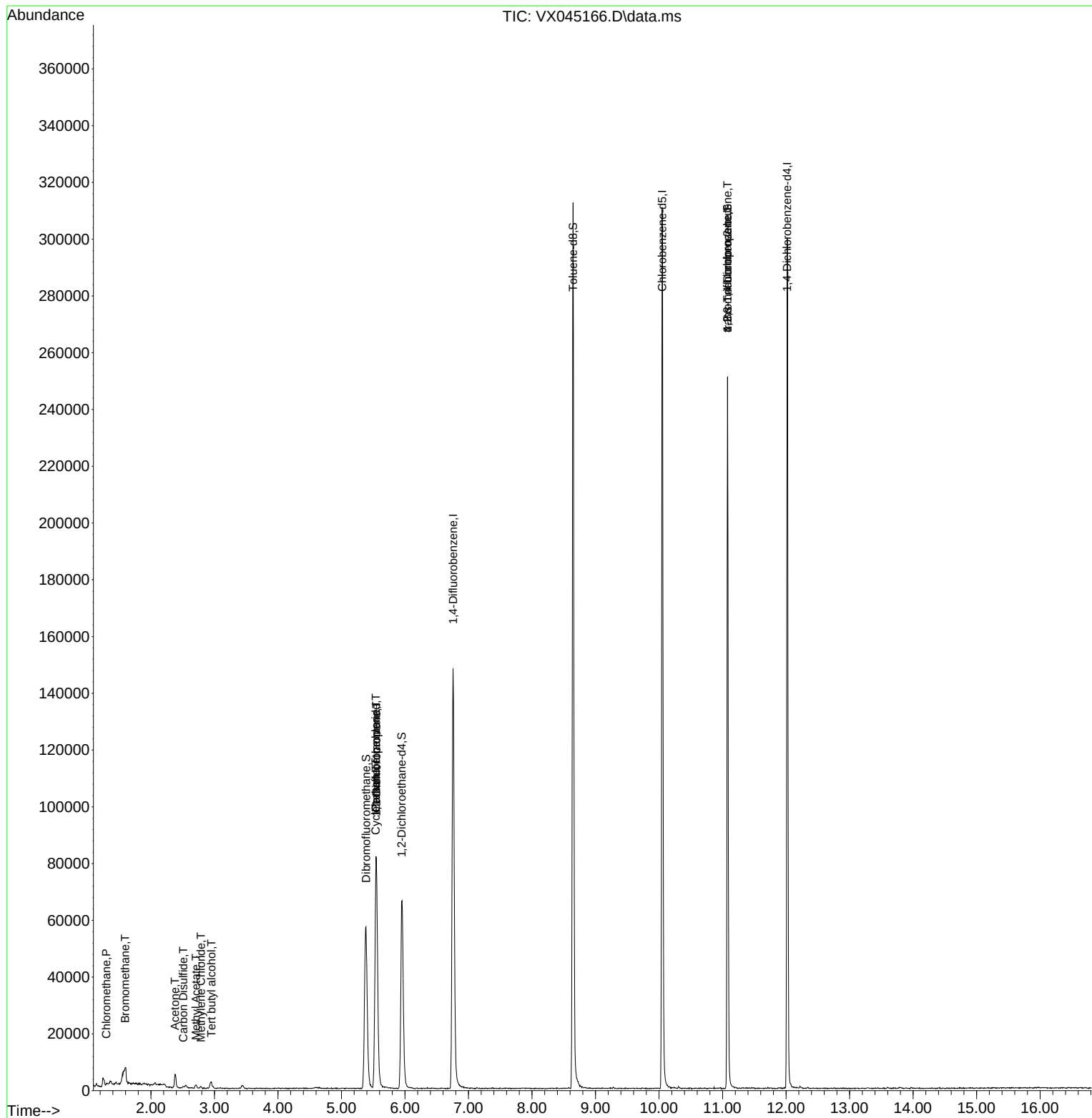
Internal Standards						
1) Pentafluorobenzene	5.543	168	75312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	147304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63093	52.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.340%	
35) Dibromofluoromethane	5.385	113	51608	52.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.780%	
50) Toluene-d8	8.646	98	182955	51.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	63705	53.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	371	0.320	ug/l	97
5) Bromomethane	1.593	94	176	0.389	ug/l #	3
11) Tert butyl alcohol	2.952	59	1692	7.457	ug/l #	73
16) Acetone	2.379	43	5757	10.358	ug/l	98
17) Carbon Disulfide	2.507	76	653	0.265	ug/l #	77
18) Methyl Acetate	2.708	43	1605	1.200	ug/l #	85
20) Methylene Chloride	2.788	84	281	0.255	ug/l #	82
31) Cyclohexane	5.537	56	1969	1.208	ug/l #	16
36) 1,1-Dichloropropene	5.549	75	6938	5.136	ug/l #	50
38) Carbon Tetrachloride	5.543	117	8027	5.853	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	34606	25.399	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34606	86.920	ug/l #	6

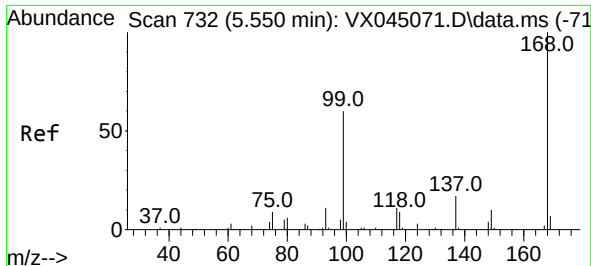
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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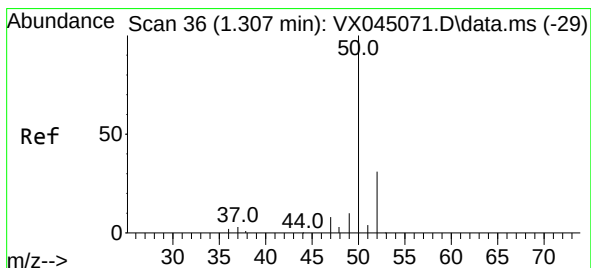
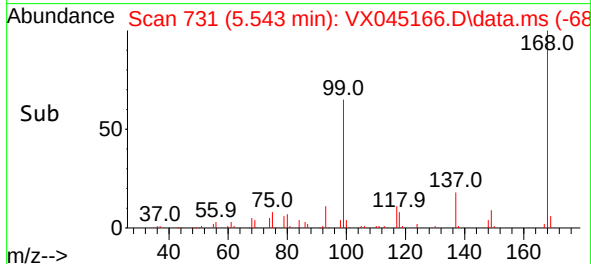
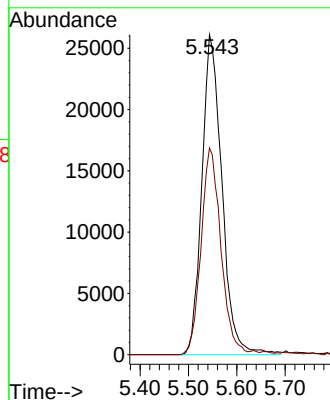
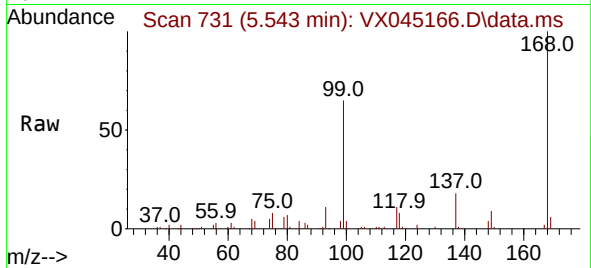




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

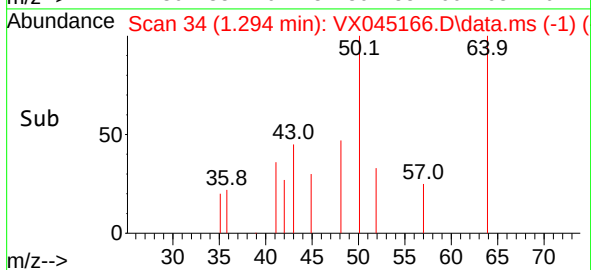
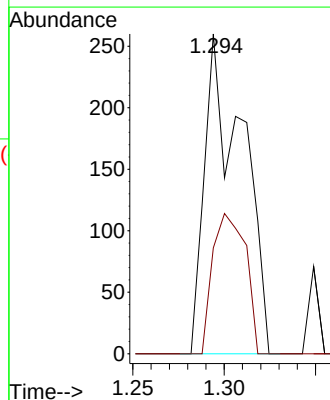
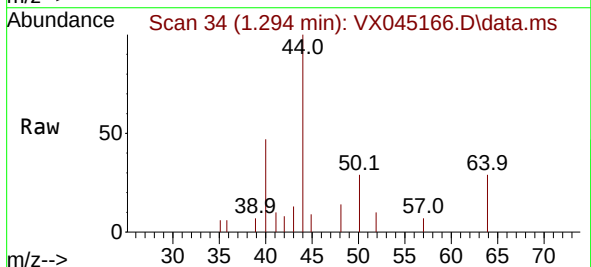
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

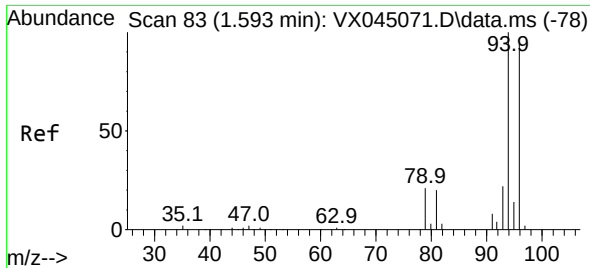
Tgt Ion:168 Resp: 75312
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

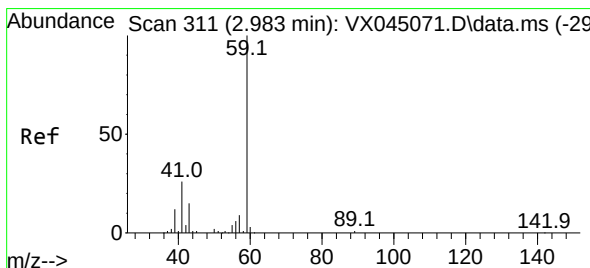
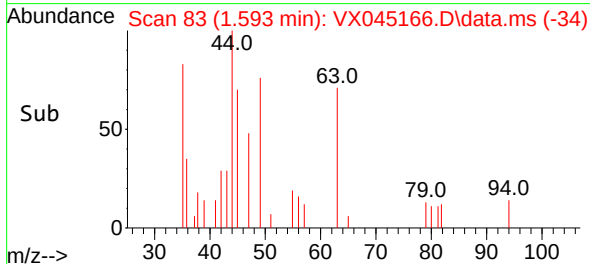
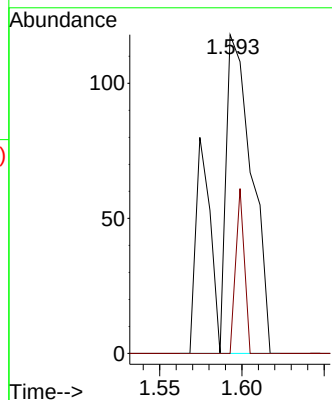
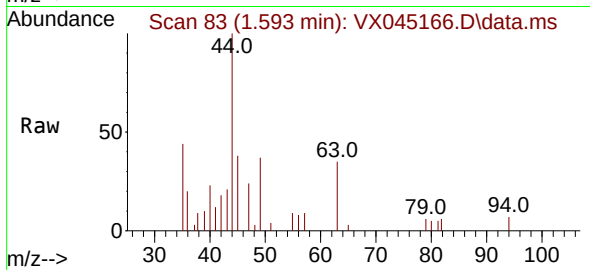




#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

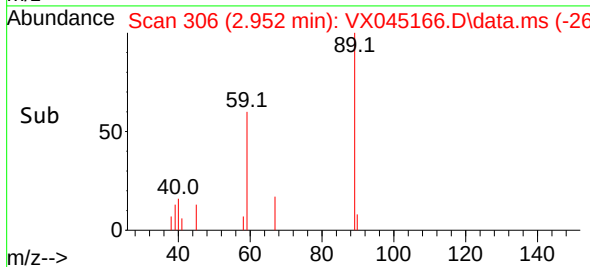
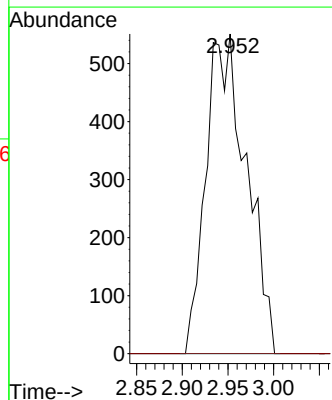
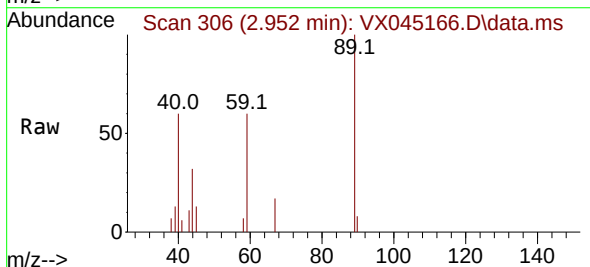
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

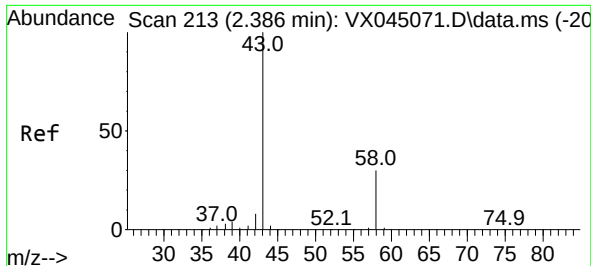
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 7.457 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 59 Resp: 1692
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

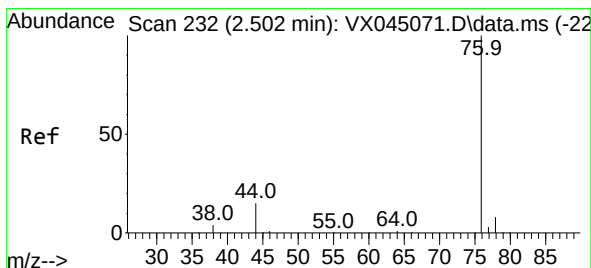
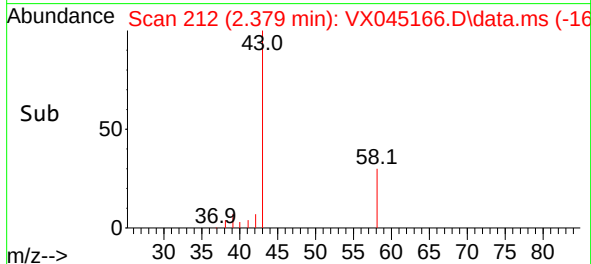
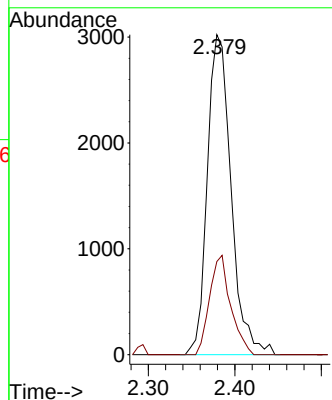
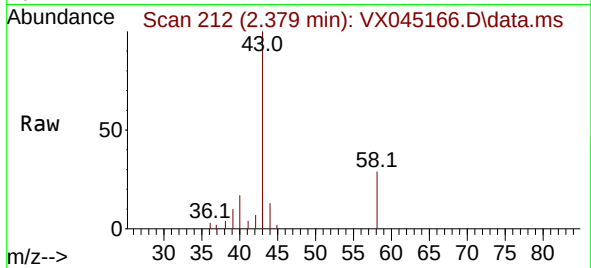




#16
Acetone
Concen: 10.358 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

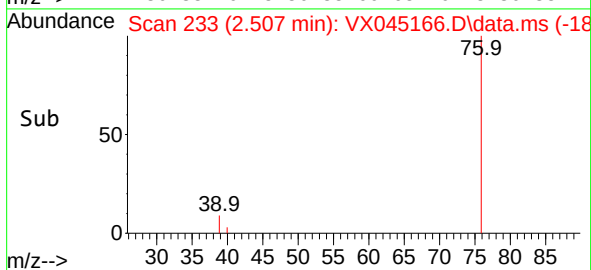
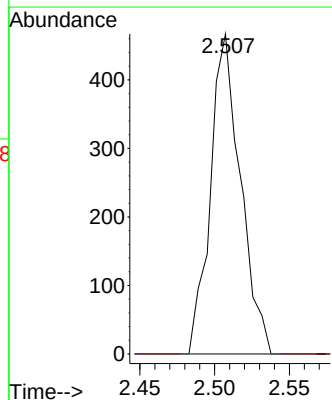
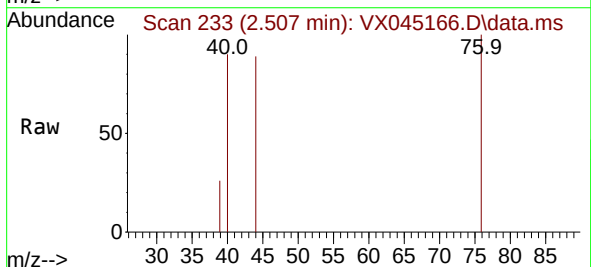
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

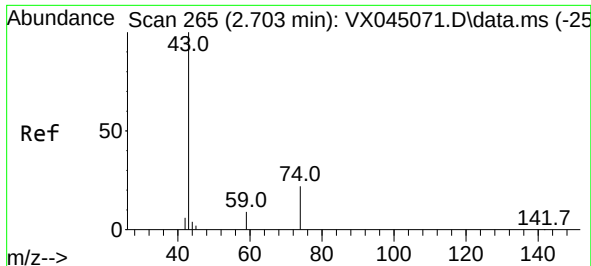
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.4



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 76 Resp: 653
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

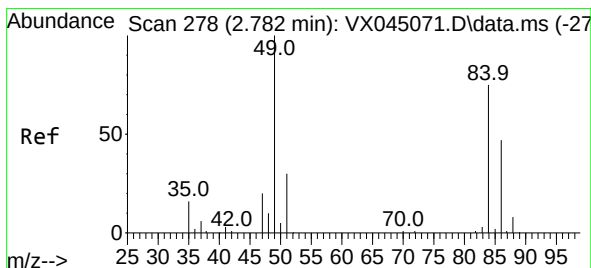
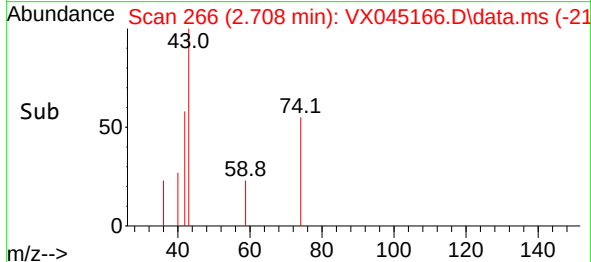
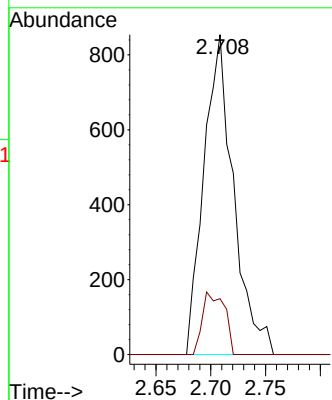
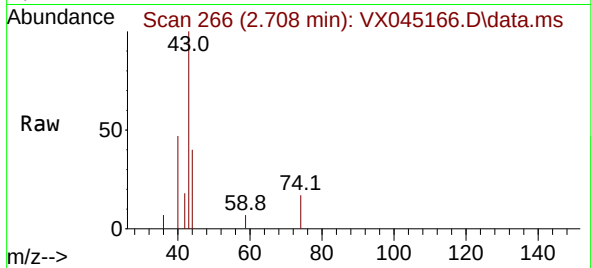




#18
Methyl Acetate
Concen: 1.200 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

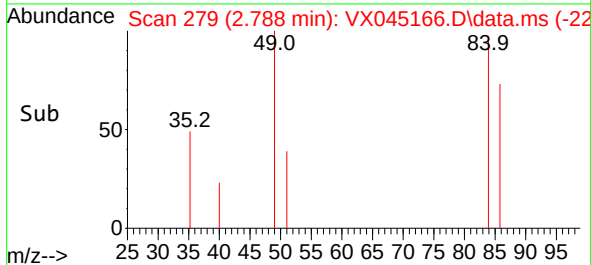
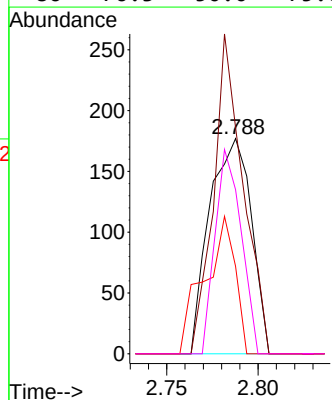
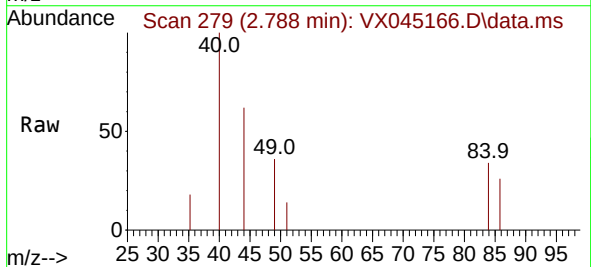
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

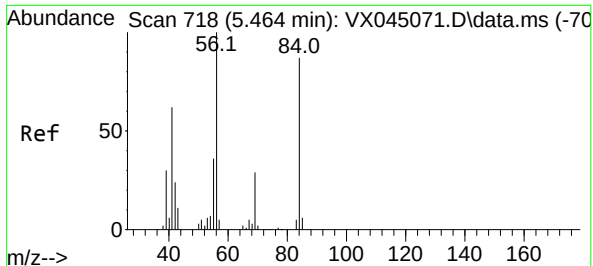
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
74 14.6 17.4 26.2#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 84 Resp: 281
Ion Ratio Lower Upper
84 100
49 105.1 106.5 159.7#
51 40.7 32.1 48.1
86 76.3 50.0 75.0#

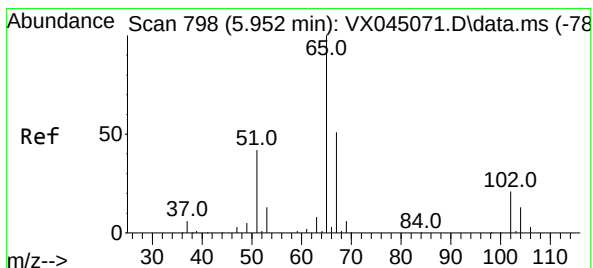
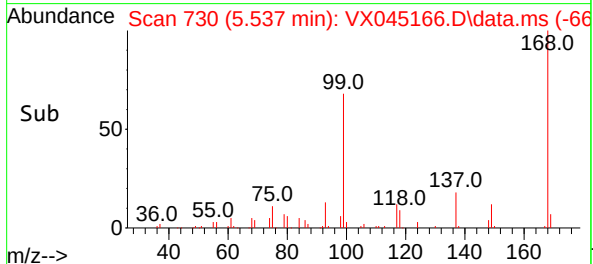
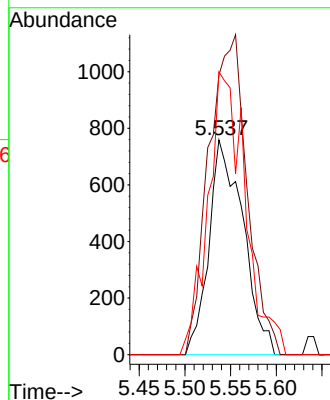
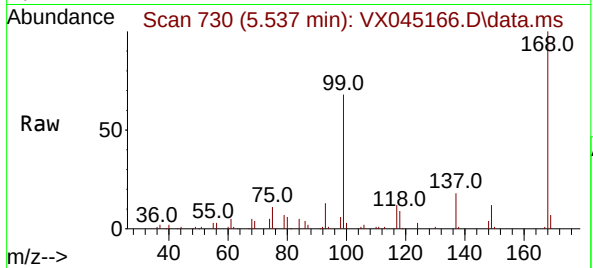




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

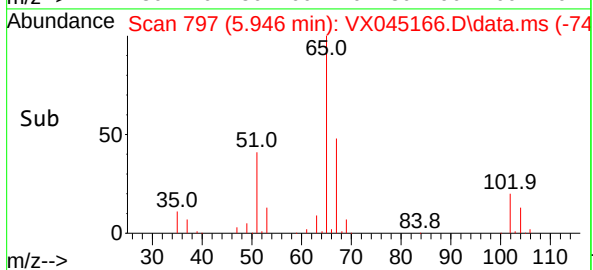
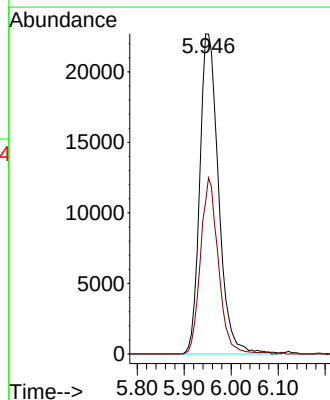
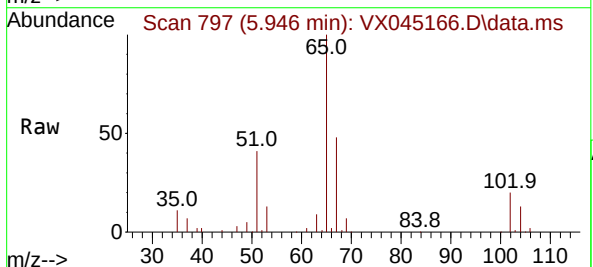
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

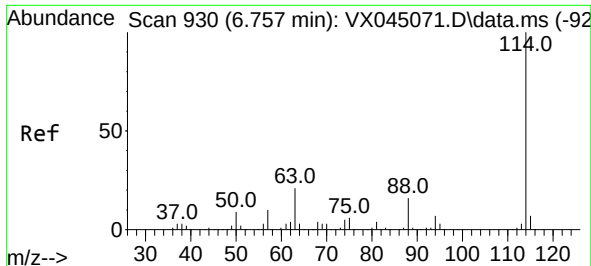
Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 130.2 23.4 35.2#
84 131.8 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.668 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.007 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 65 Resp: 63093
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

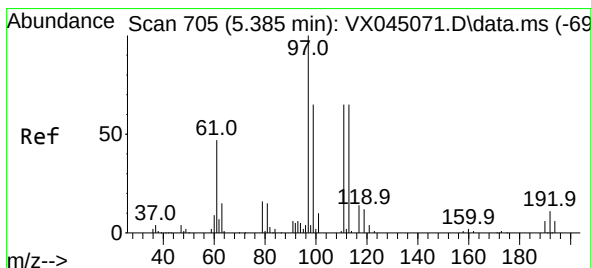
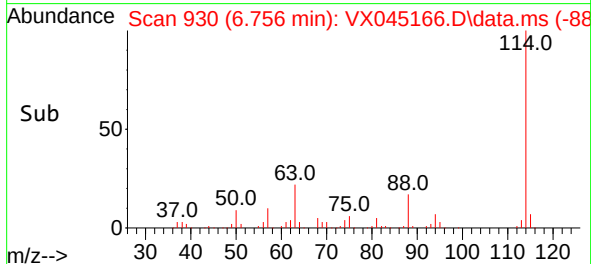
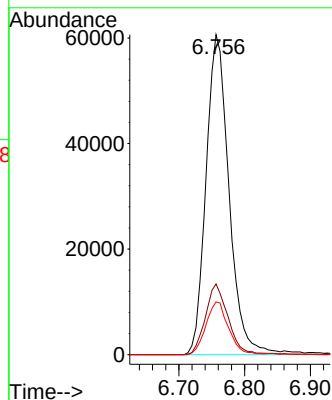
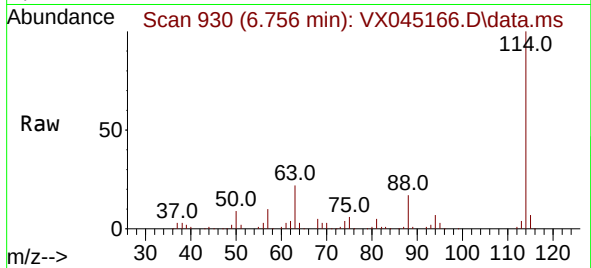




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

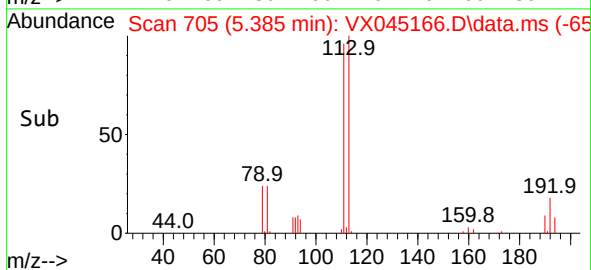
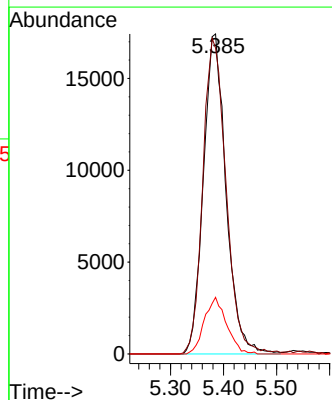
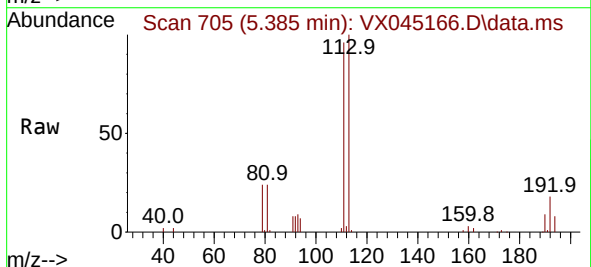
Instrument :
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ClientSampleId :
PURGE-WATER

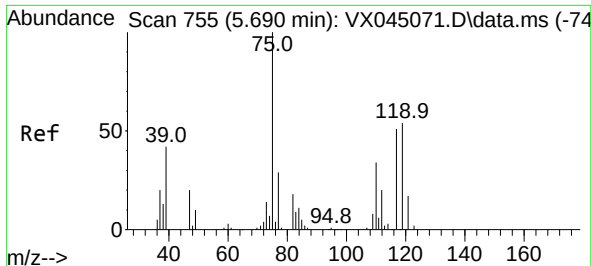
Tgt Ion:114 Resp: 147304
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.395 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion:113 Resp: 51608
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 17.4 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX045166.D

Acq: 06 Mar 2025 14:19

Instrument :

MSVOA_X

ClientSampleId :

PURGE-WATER

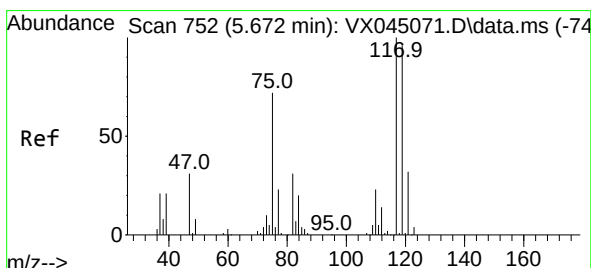
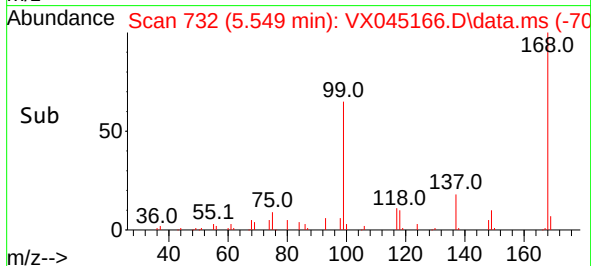
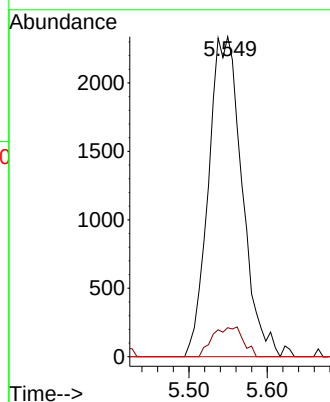
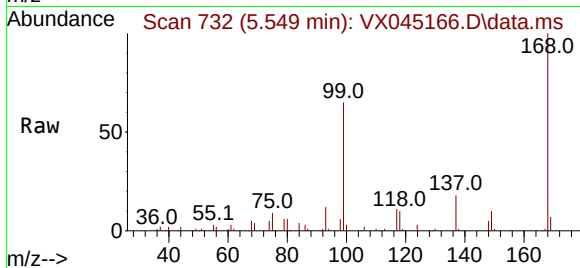
Tgt Ion: 75 Resp: 6938

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.853 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045166.D

Acq: 06 Mar 2025 14:19

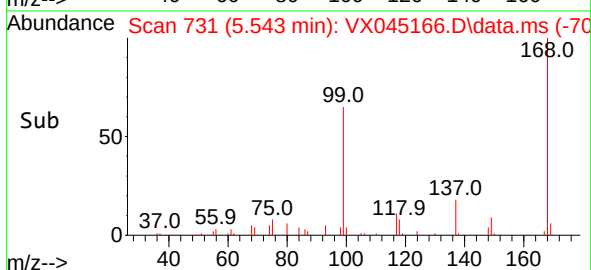
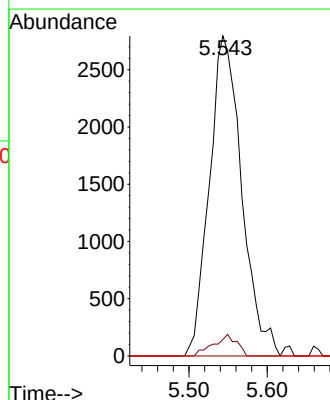
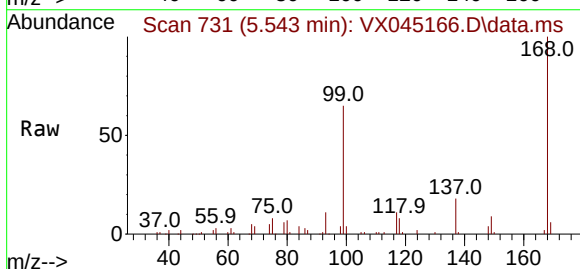
Tgt Ion: 117 Resp: 8027

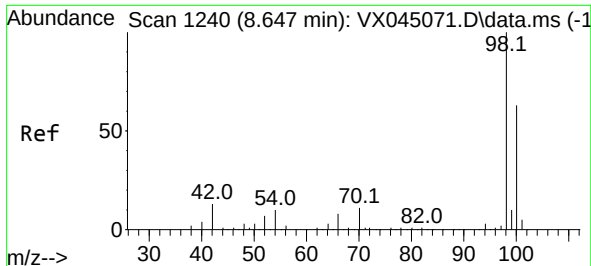
Ion Ratio Lower Upper

117 100

119 5.2 76.7 115.1#

121 0.0 25.5 38.3#

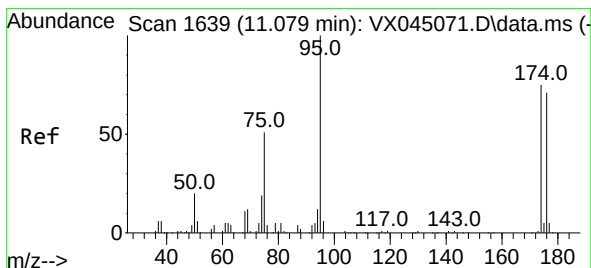
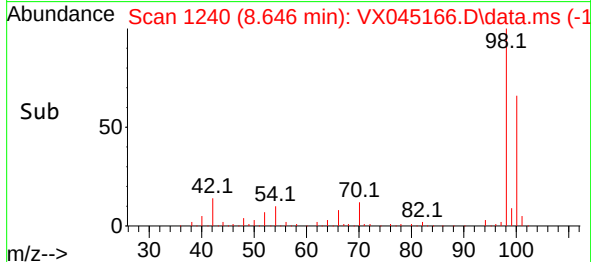
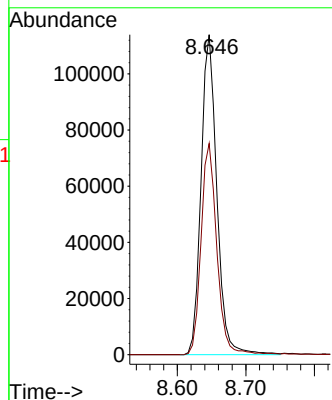
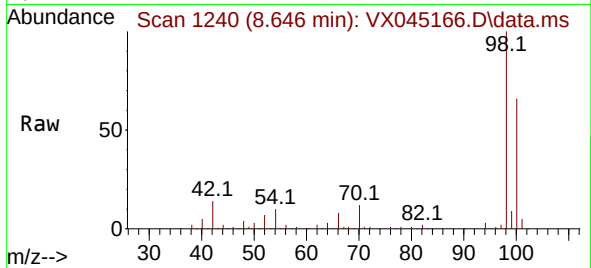




#50
Toluene-d8
Concen: 51.235 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

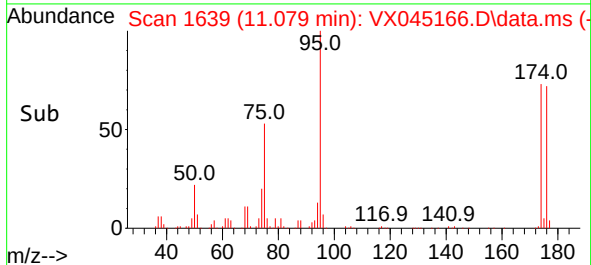
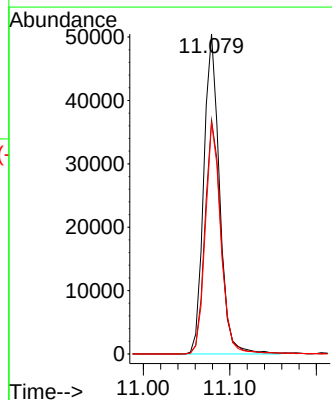
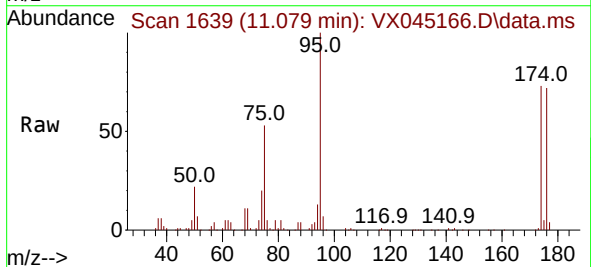
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

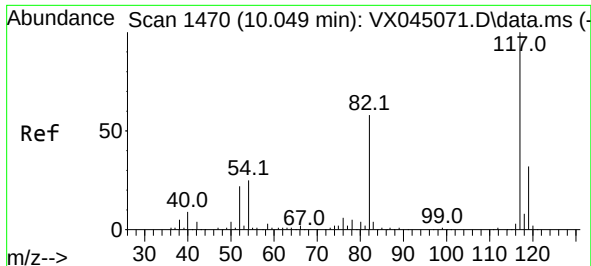
Tgt Ion: 98 Resp: 182955
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 95 Resp: 63705
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.2
176 71.6 0.0 141.4

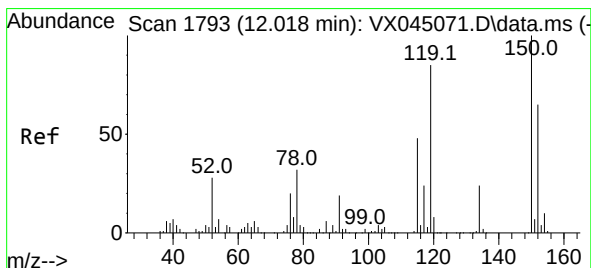
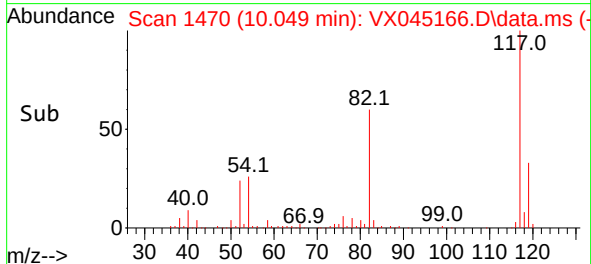
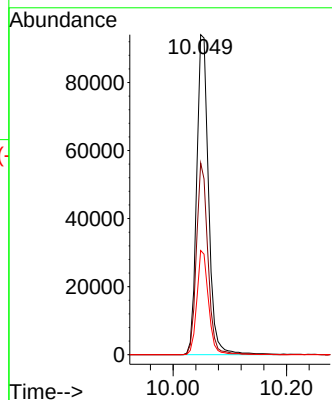
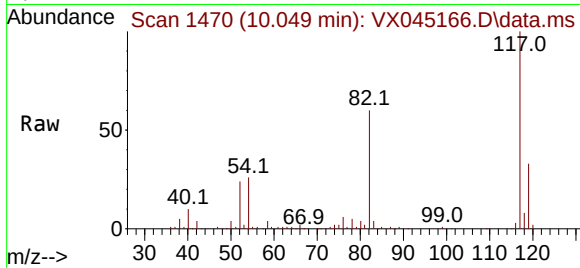




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

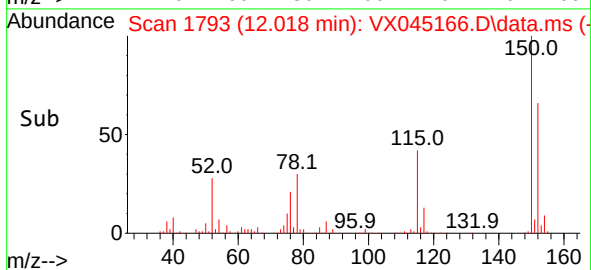
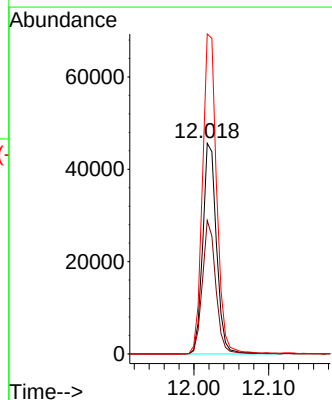
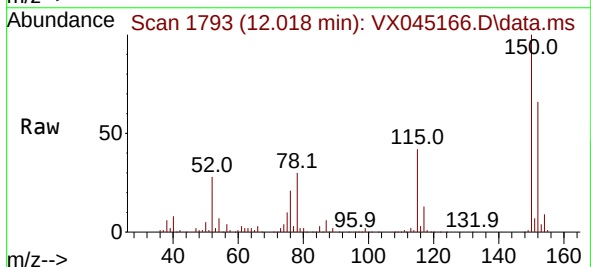
Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

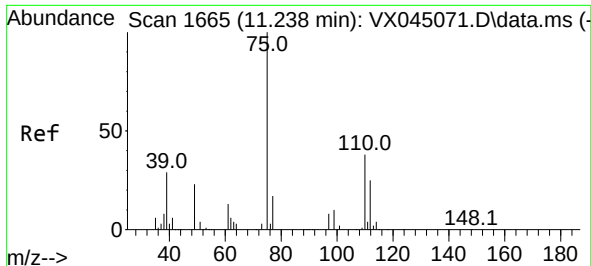
Tgt Ion:117 Resp: 136609
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion:152 Resp: 58539
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 155.5 0.0 349.0

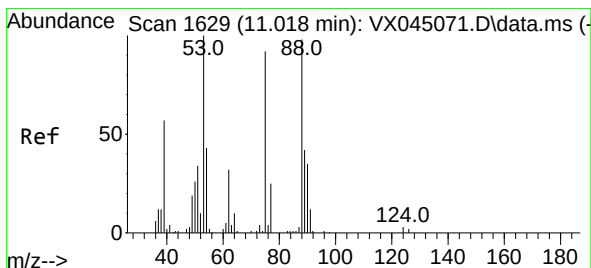
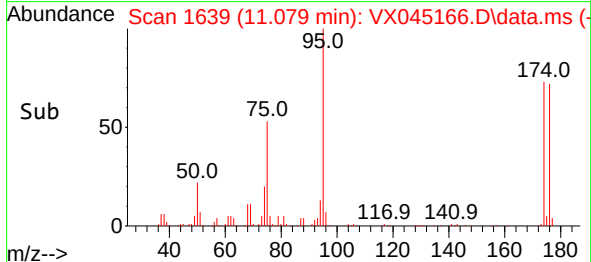
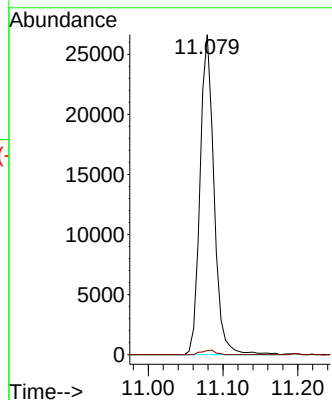
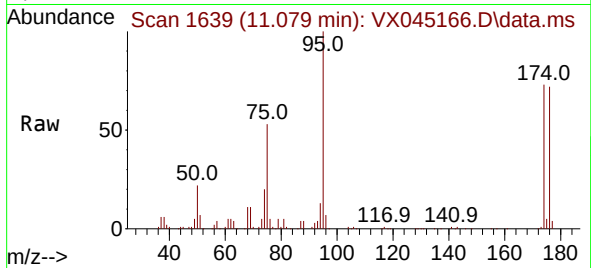




#76
1,2,3-Trichloropropane
Concen: 25.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Instrument :
MSVOA_X
ClientSampleId :
PURGE-WATER

Tgt Ion: 75 Resp: 34606
Ion Ratio Lower Upper
75 100
77 1.5 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045166.D
Acq: 06 Mar 2025 14:19

Tgt Ion: 75 Resp: 34606
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

