

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045157.D
 Acq On : 06 Mar 2025 10:46
 Operator : JC/MD
 Sample : VX0306WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBL01

Quant Time: Mar 07 00:37:36 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)

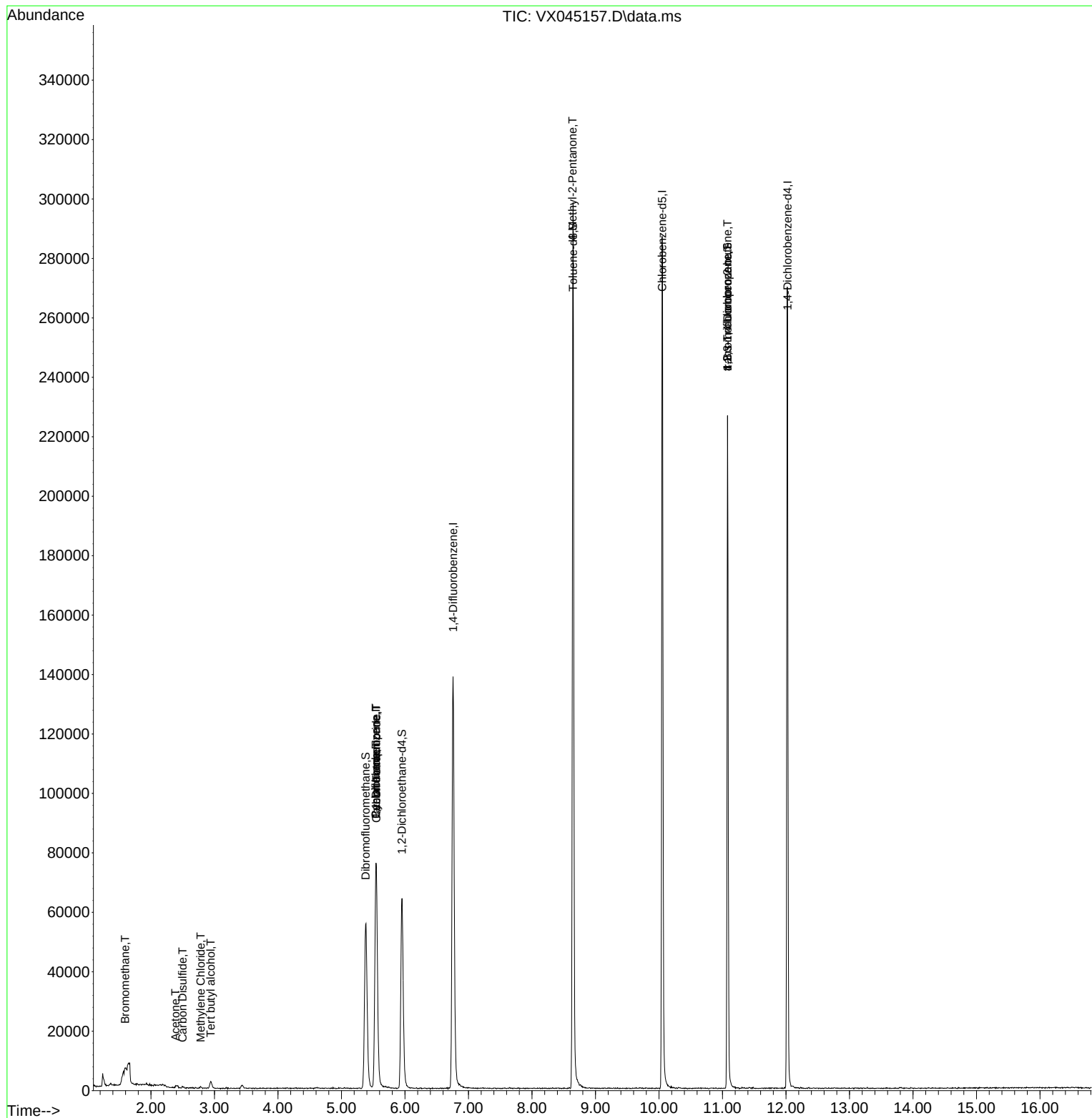
Internal Standards						
1) Pentafluorobenzene	5.544	168	71177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61044	53.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.840%	
35) Dibromofluoromethane	5.379	113	48946	52.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.647	98	177288	52.315	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	11.079	95	58160	51.792	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	150	0.351	ug/l #	3
11) Tert butyl alcohol	2.941	59	1487	6.934	ug/l #	73
16) Acetone	2.386	43	557	1.060	ug/l	89
17) Carbon Disulfide	2.496	76	587	0.252	ug/l #	77
20) Methylene Chloride	2.782	84	243	0.234	ug/l #	79
31) Cyclohexane	5.544	56	1971	1.280	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6535	5.098	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7645	5.874	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	918	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31711	25.362	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31711	86.795	ug/l #	6

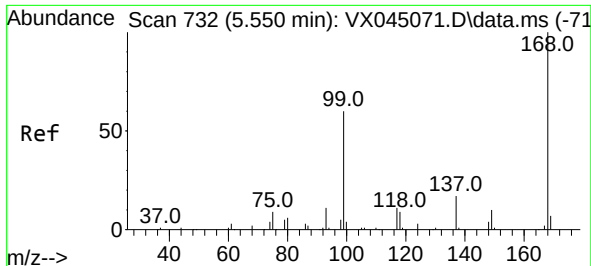
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 07 00:37:36 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

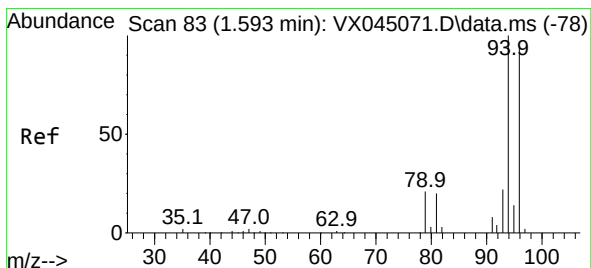
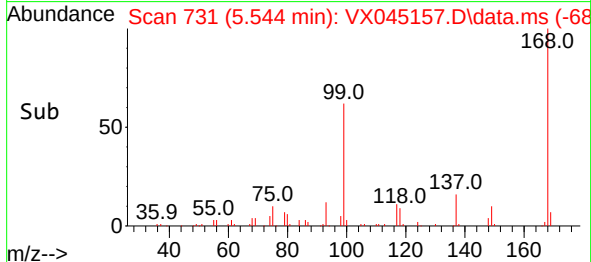
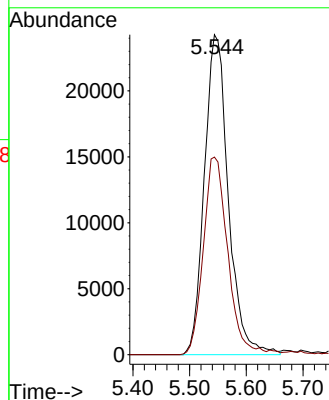
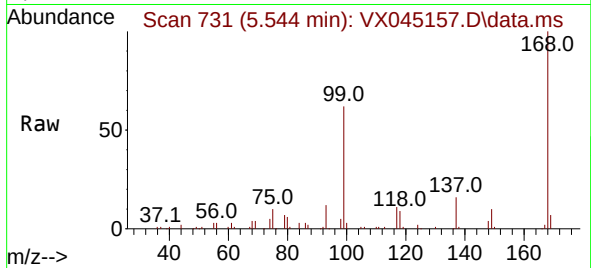




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

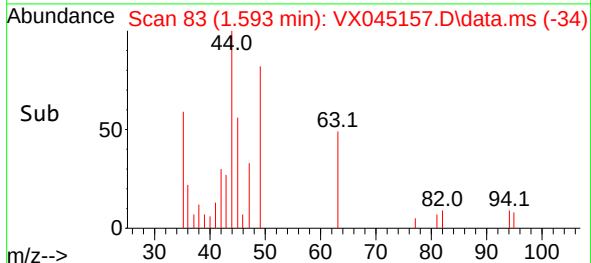
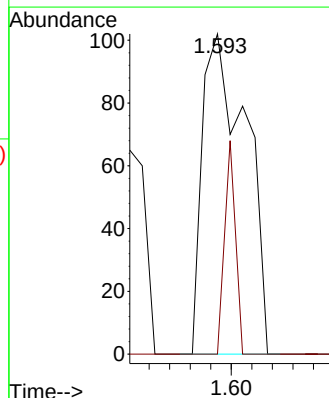
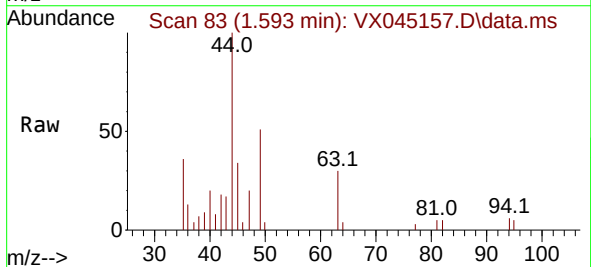
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

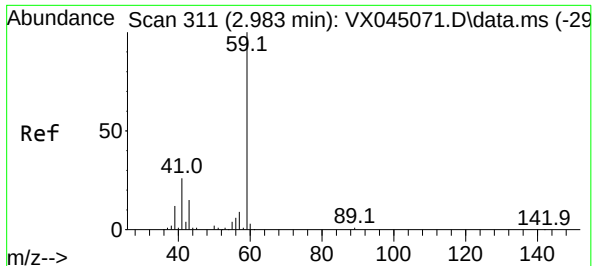
Tgt Ion:168 Resp: 71177
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

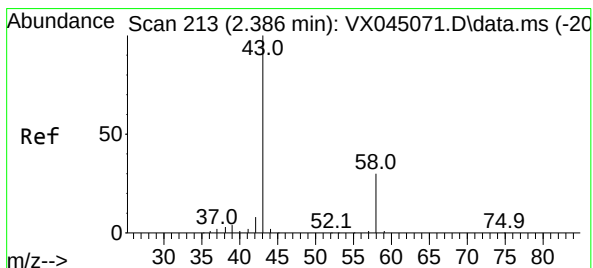
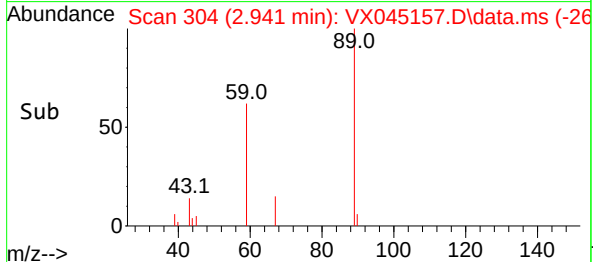
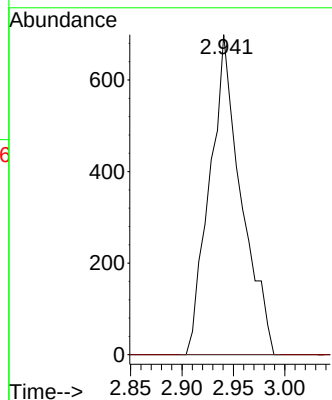
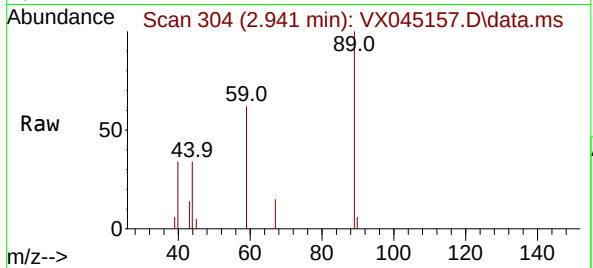




#11
Tert butyl alcohol
Concen: 6.934 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

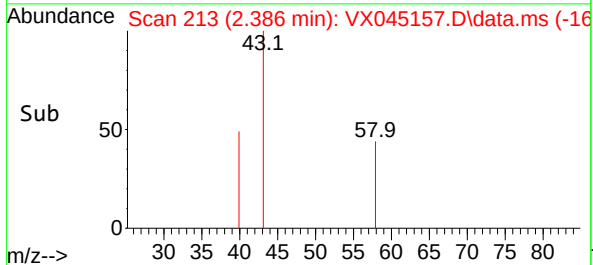
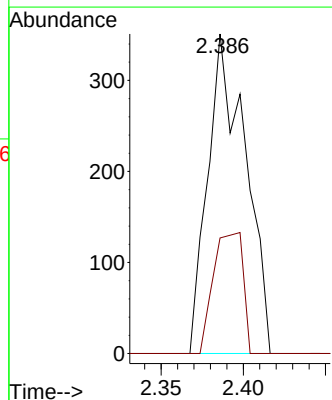
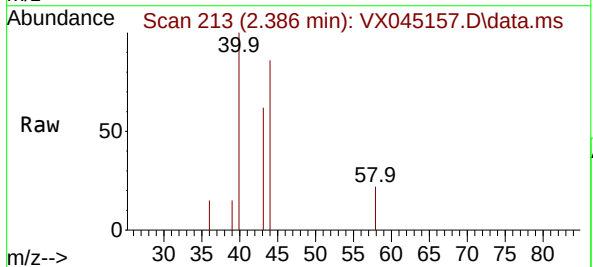
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

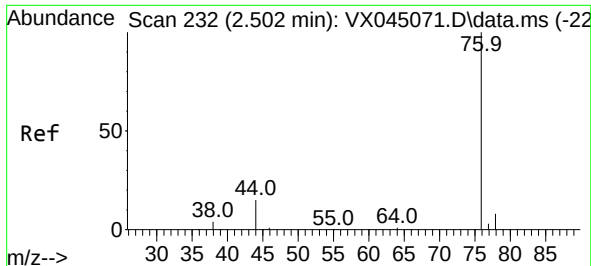
Tgt Ion: 59 Resp: 1487
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.060 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 36.2 24.2 36.4

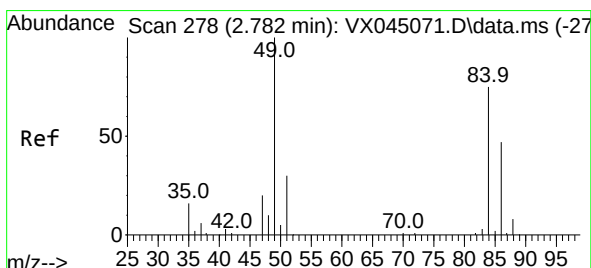
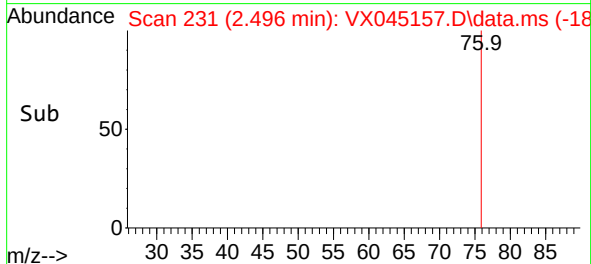
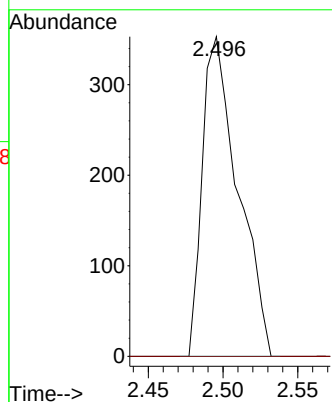
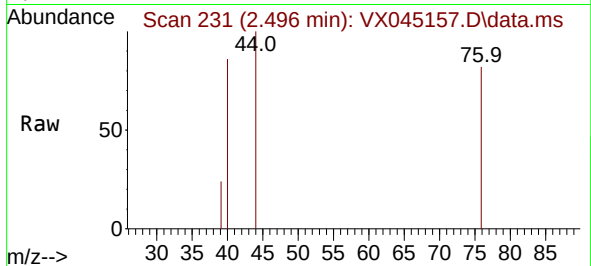




#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.496 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

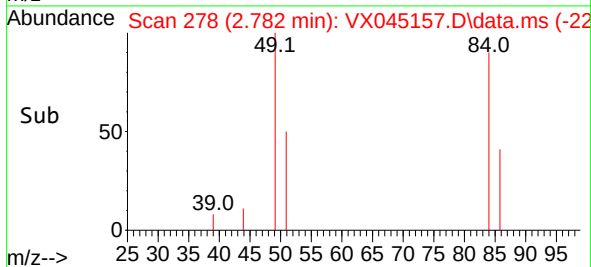
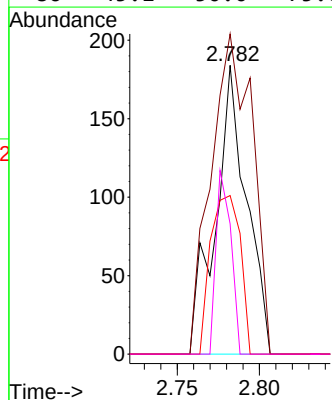
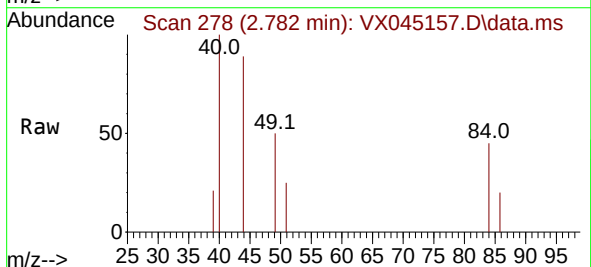
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

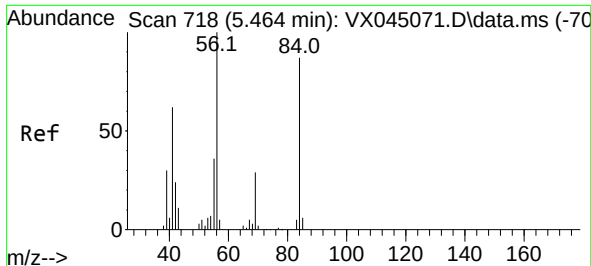
Tgt Ion: 76 Resp: 587
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 84 Resp: 243
Ion Ratio Lower Upper
84 100
49 110.9 106.5 159.7
51 54.9 32.1 48.1#
86 45.1 50.0 75.0#

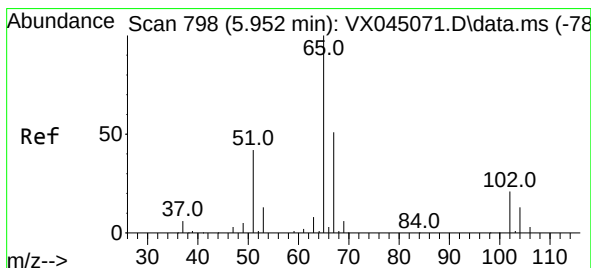
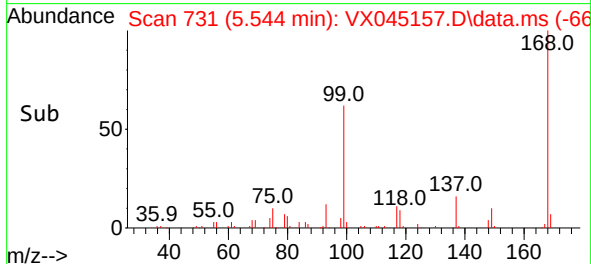
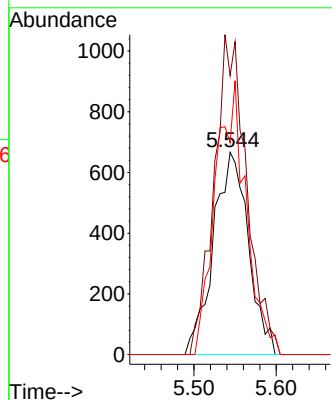
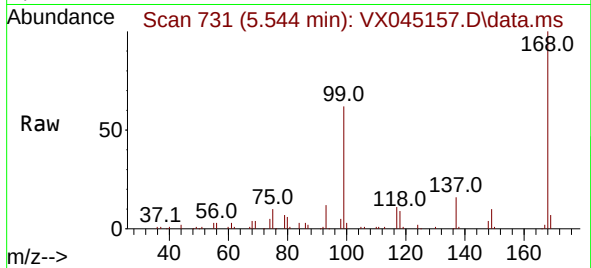




#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

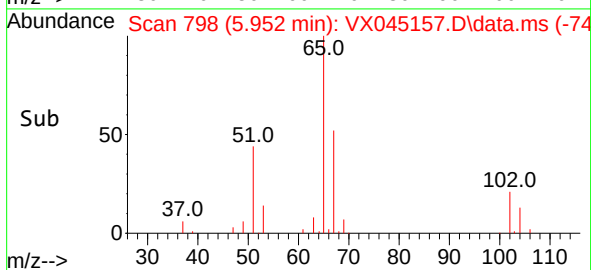
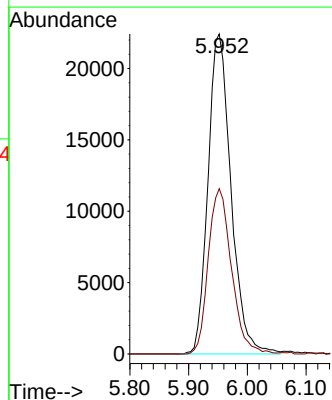
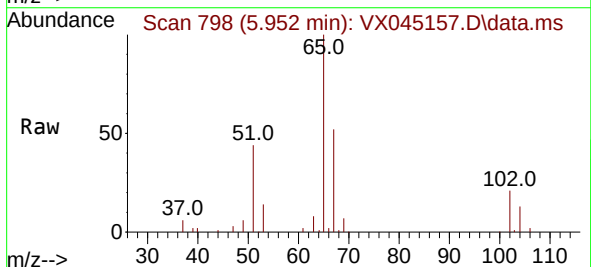
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

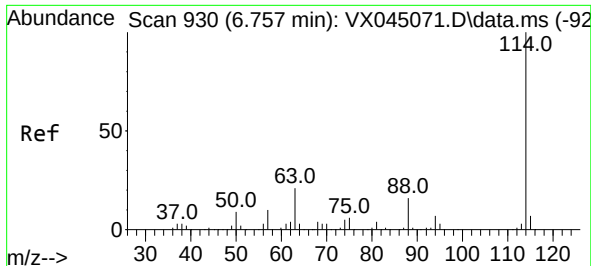
Tgt Ion: 56 Resp: 1971
Ion Ratio Lower Upper
56 100
69 138.0 23.4 35.2#
84 104.8 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 53.917 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 65 Resp: 61044
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

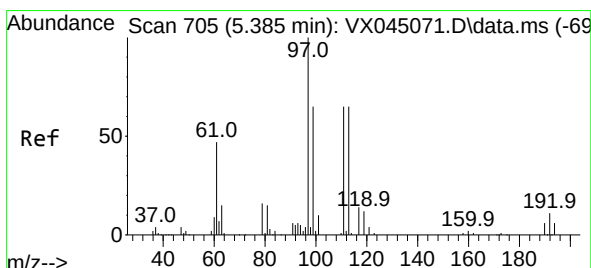
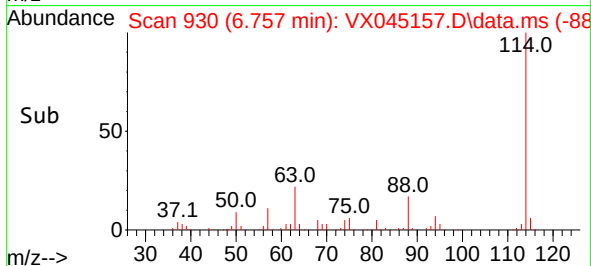
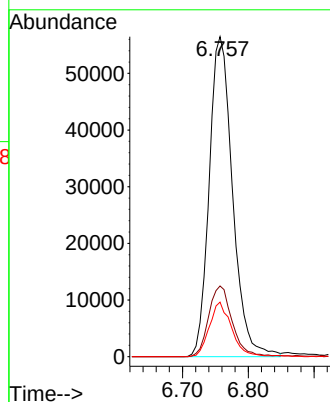
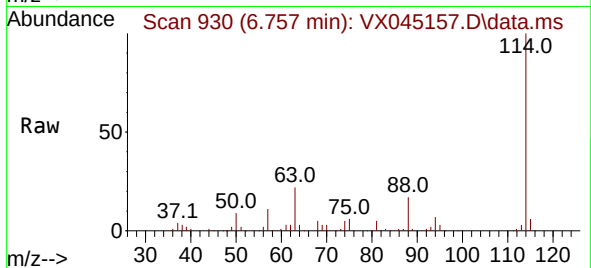




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

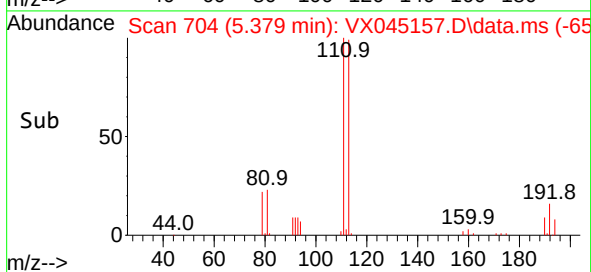
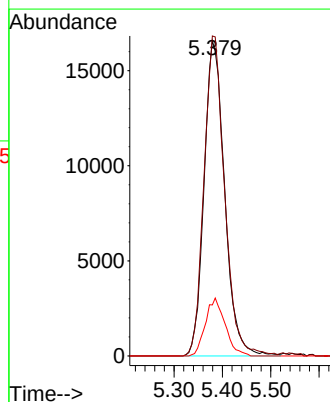
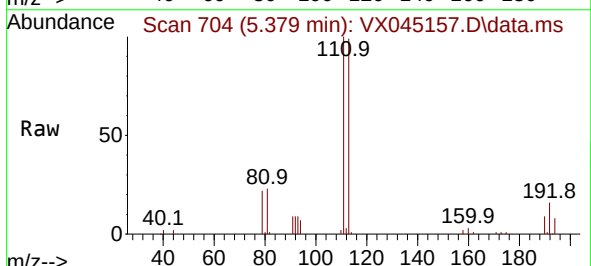
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

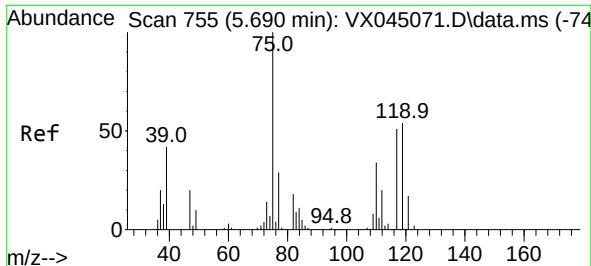
Tgt Ion:114 Resp: 139793
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.362 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion:113 Resp: 48946
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 17.7 14.3 21.5

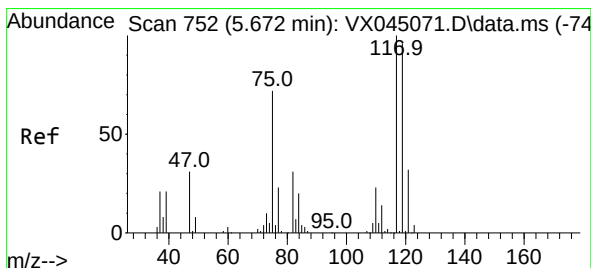
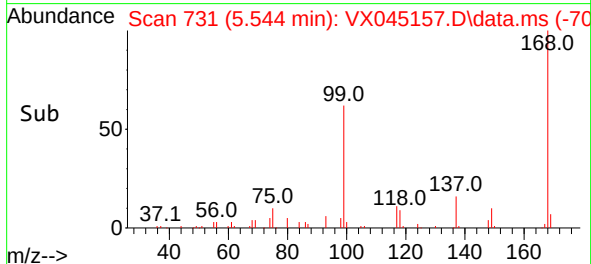
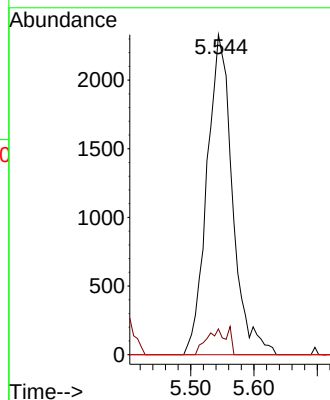
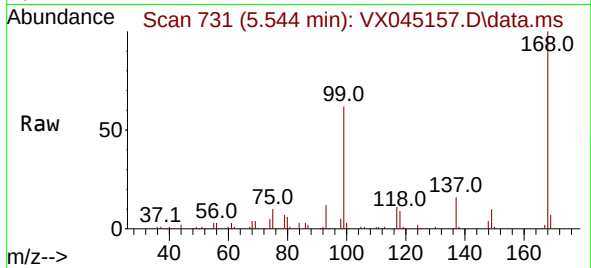




#36
1,1-Dichloropropene
Concen: 5.098 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

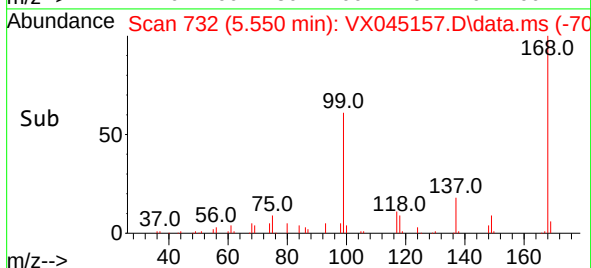
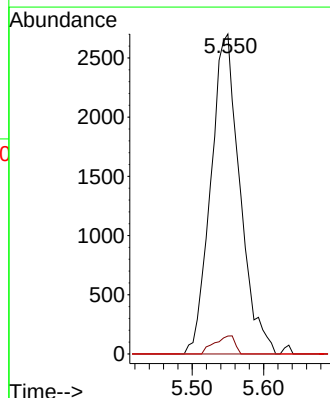
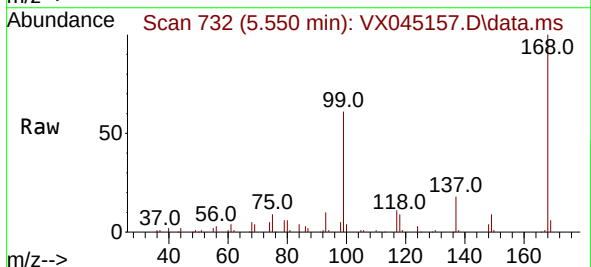
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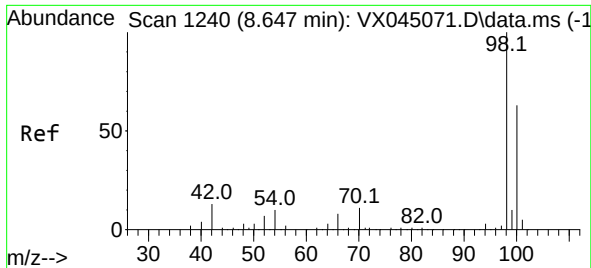
Tgt Ion: 75 Resp: 6535
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 117 Resp: 7645
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.5 38.3#

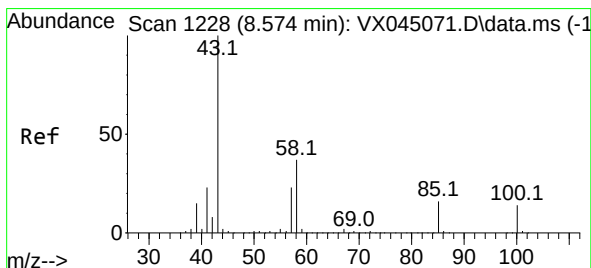
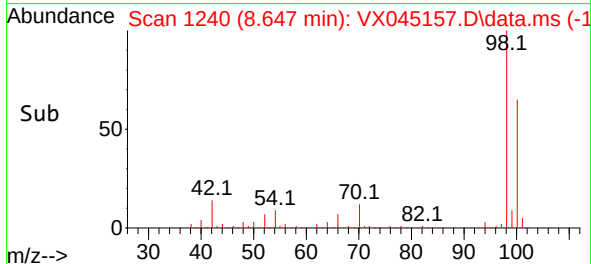
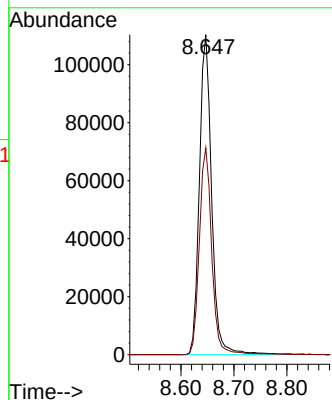
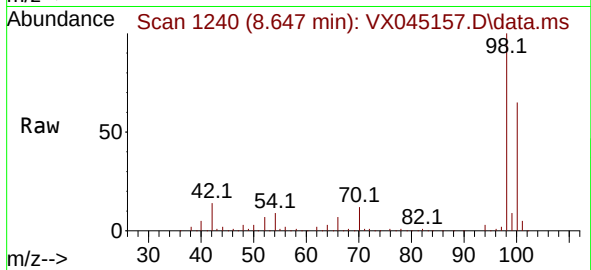




#50
Toluene-d8
Concen: 52.315 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

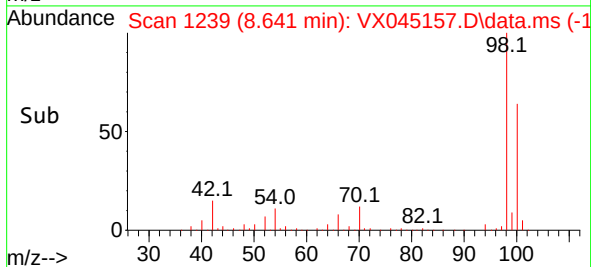
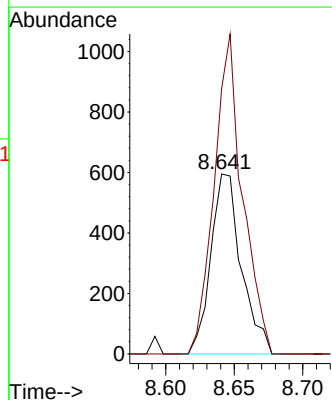
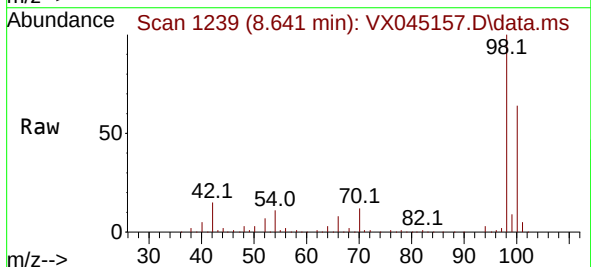
Instrument :
MSVOA_X
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VX0306WBL01

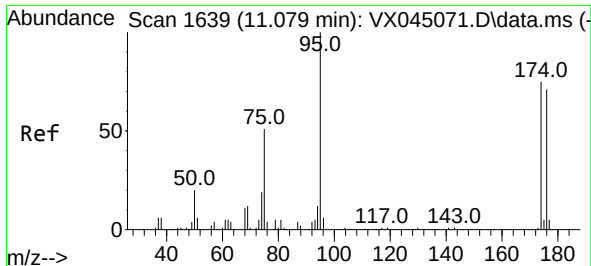
Tgt Ion: 98 Resp: 177288
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 166.1 29.2 43.8#

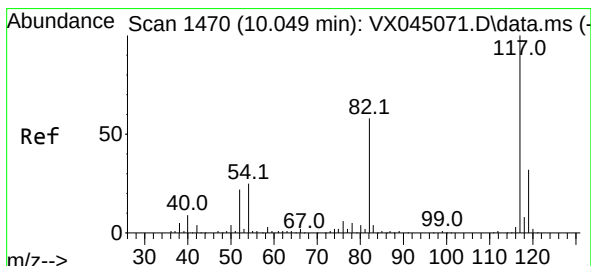
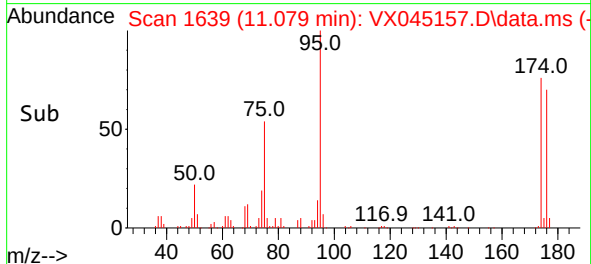
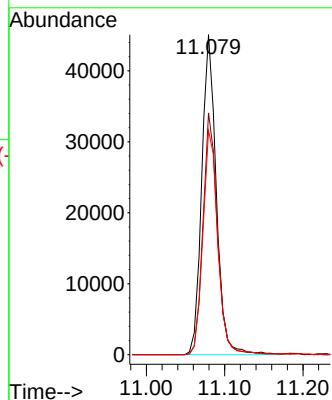
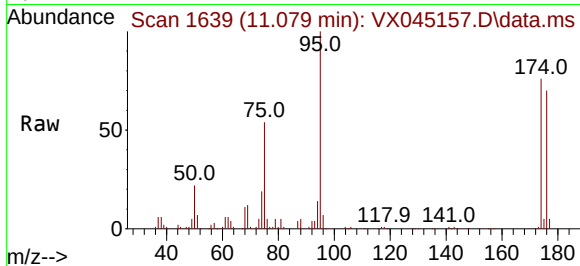




#62
4-Bromofluorobenzene
Concen: 51.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

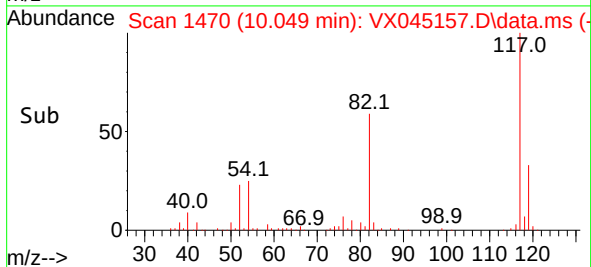
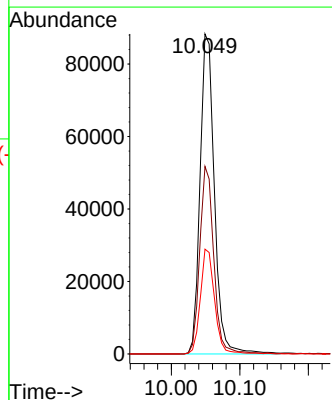
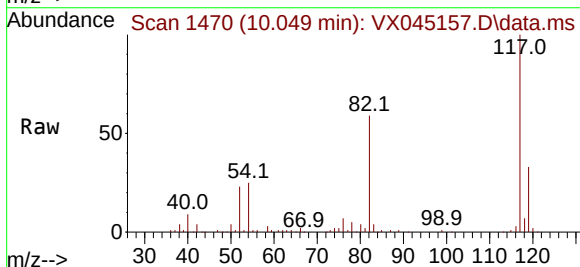
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

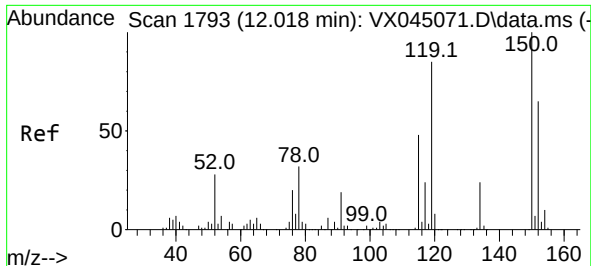
Tgt Ion: 95 Resp: 58160
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.2
176 71.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

Tgt Ion: 117 Resp: 129041
Ion Ratio Lower Upper
117 100
82 58.6 46.3 69.5
119 32.8 25.7 38.5

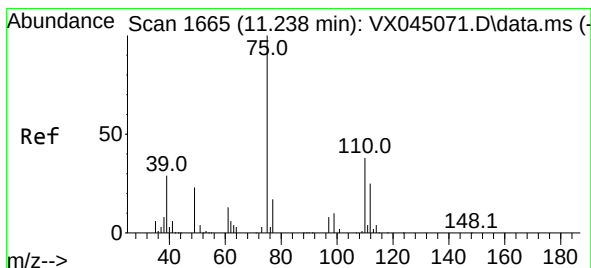
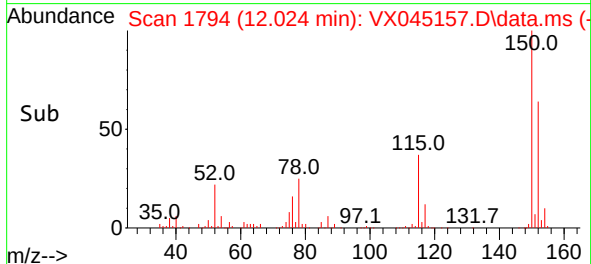
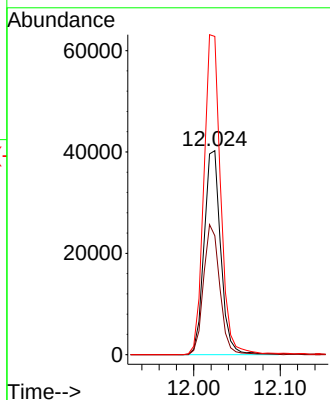
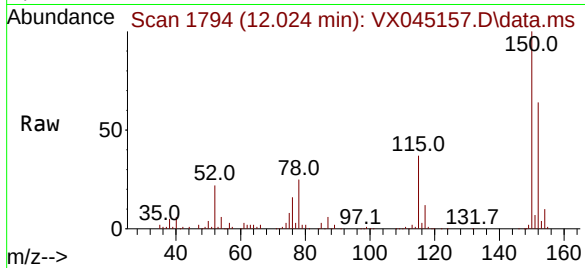




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

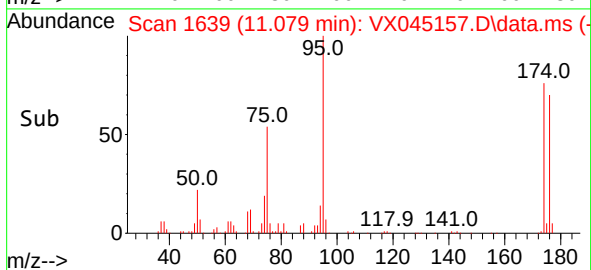
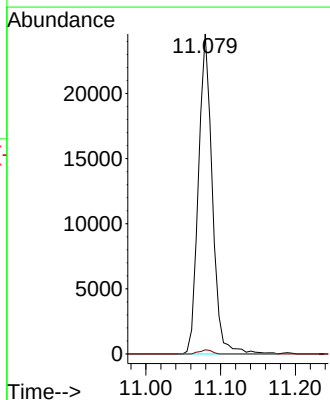
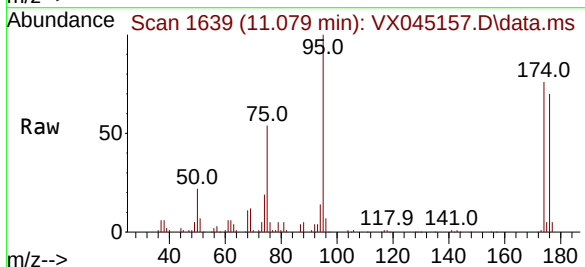
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

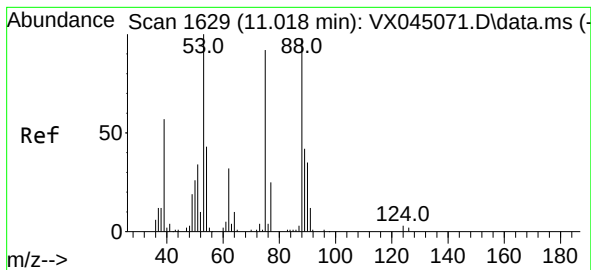
Tgt Ion:152 Resp: 53719
Ion Ratio Lower Upper
152 100
115 62.5 44.2 132.6
150 159.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045157.D
Acq: 06 Mar 2025 10:46

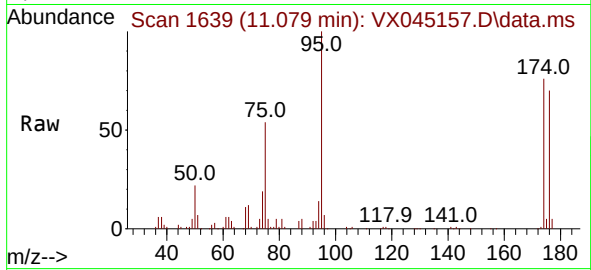
Tgt Ion: 75 Resp: 31711
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.795 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045157.D
 Acq: 06 Mar 2025 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBL01



Tgt Ion: 75 Resp: 31711
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

