

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044911.D
 Acq On : 11 Feb 2025 17:09
 Operator : JC/MD
 Sample : Q1327-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:45:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

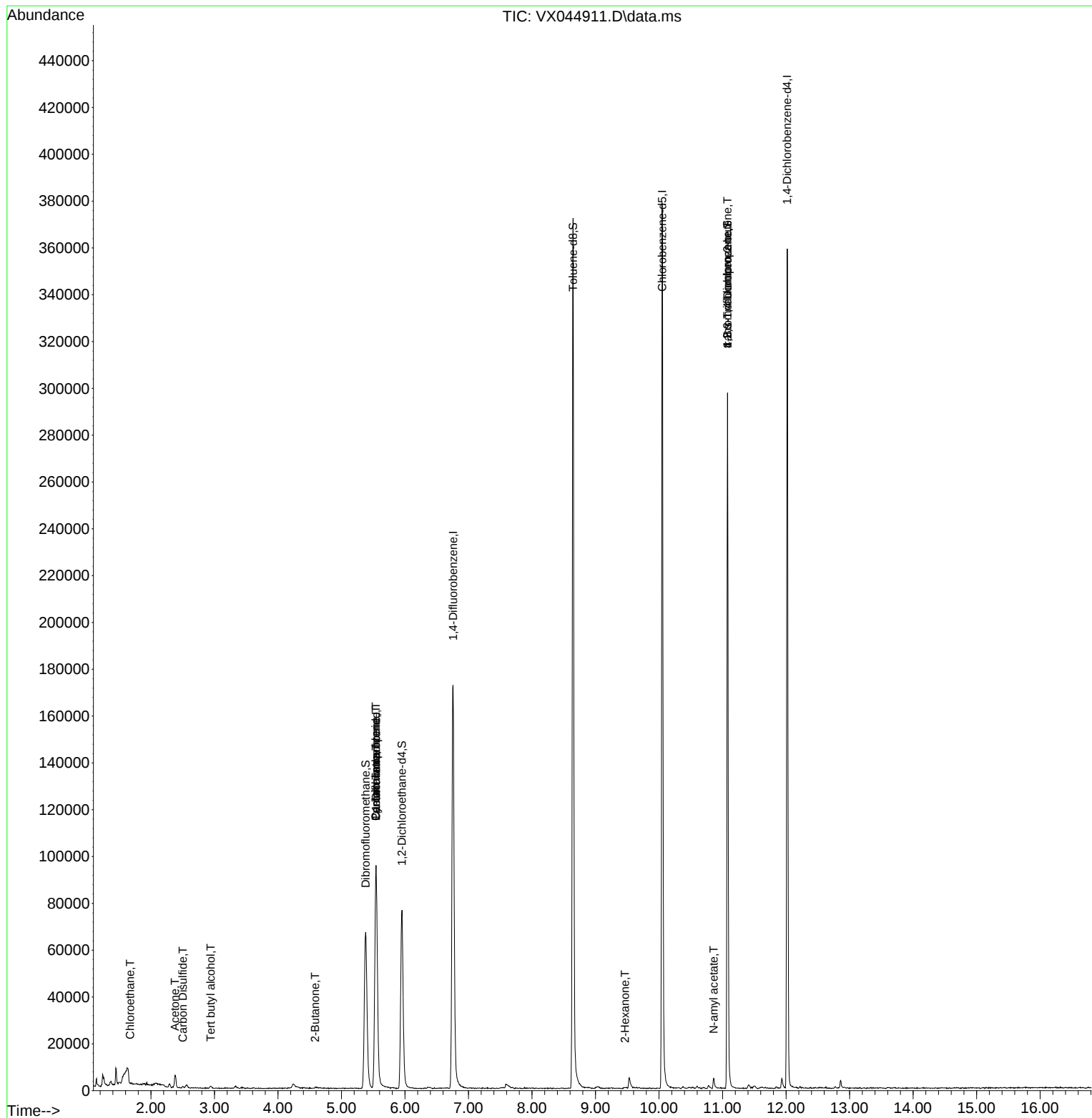
Internal Standards						
1) Pentafluorobenzene	5.544	168	91782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71944	53.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.100%	
35) Dibromofluoromethane	5.379	113	60829	51.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	8.647	98	229787	51.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	11.079	95	80284	53.132	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.260%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	240	1.668	ug/l #	42
11) Tert butyl alcohol	2.941	59	257	1.031	ug/l #	73
16) Acetone	2.380	43	6319	11.700	ug/l	95
17) Carbon Disulfide	2.502	76	835	0.257	ug/l #	76
25) 2-Butanone	4.587	43	676	0.771	ug/l	90
31) Cyclohexane	5.544	56	2184	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7983	4.668	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9530	5.687	ug/l #	15
59) 2-Hexanone	9.464	43	560	0.416	ug/l #	56
74) N-amyl acetate	10.860	43	989	0.381	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	41364	26.197	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41364	67.388	ug/l #	11

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Feb 12 02:45:15 2025
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QLast Update : Tue Feb 11 03:41:08 2025
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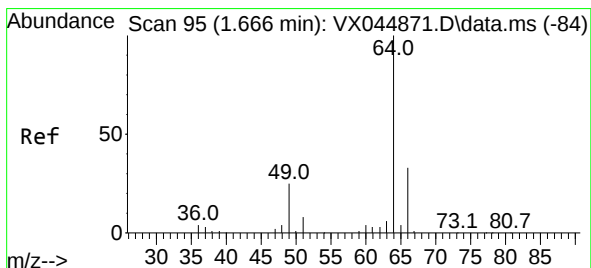
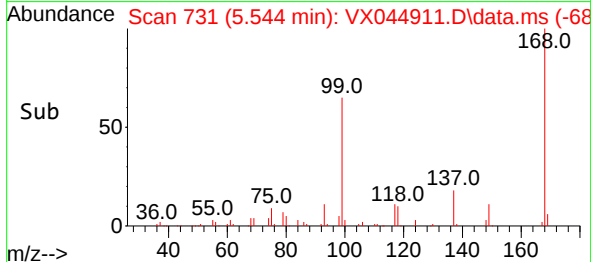
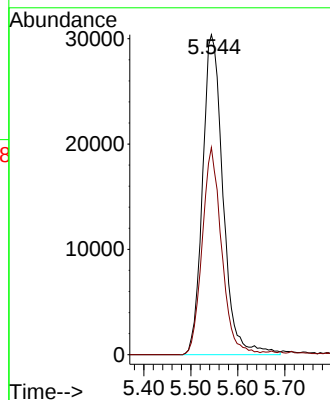
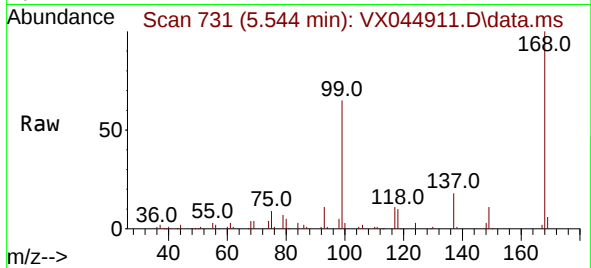




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

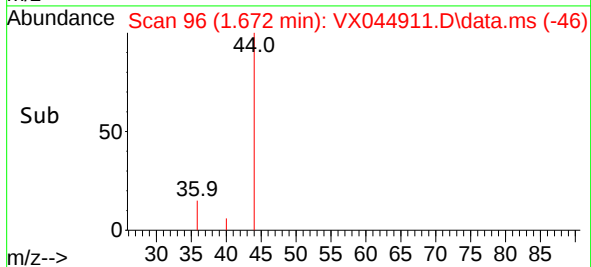
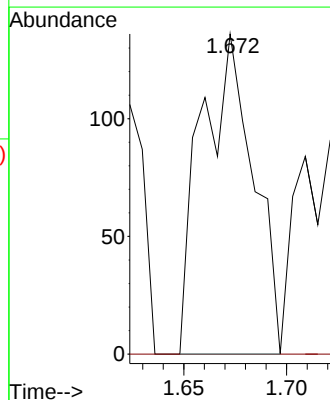
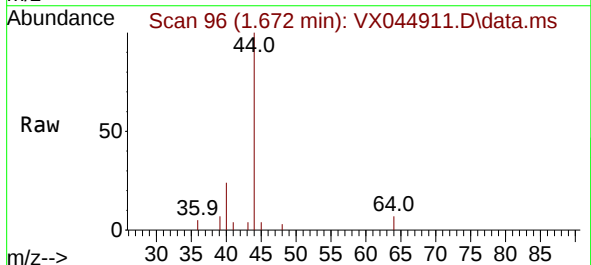
Instrument :
MSVOA_X
ClientSampleId :

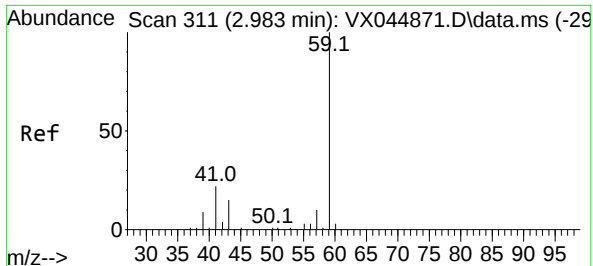
Tgt Ion:168 Resp: 91782
Ion Ratio Lower Upper
168 100
99 64.7 51.2 76.8



#6
Chloroethane
Concen: 1.668 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

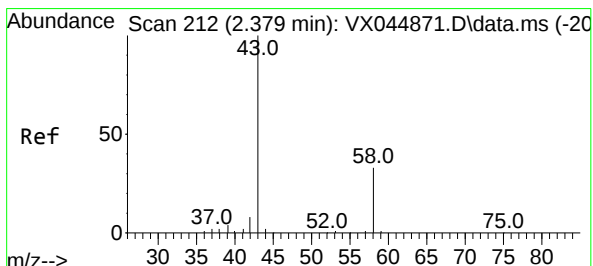
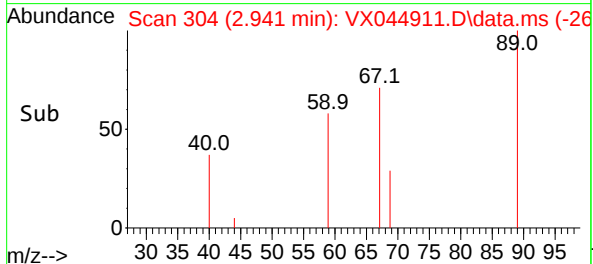
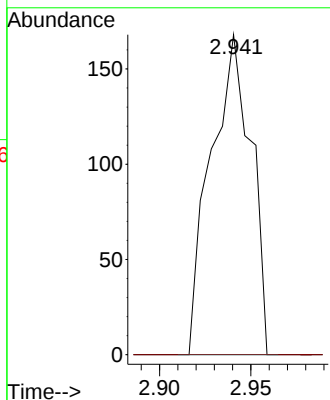
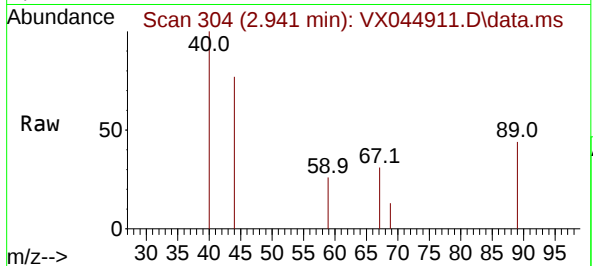




#11
Tert butyl alcohol
Concen: 1.031 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

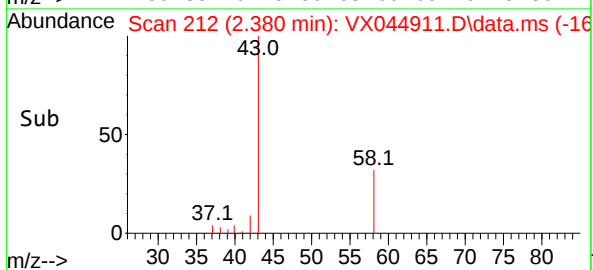
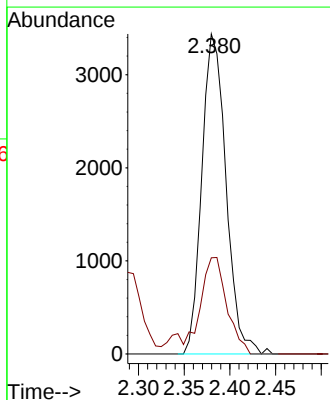
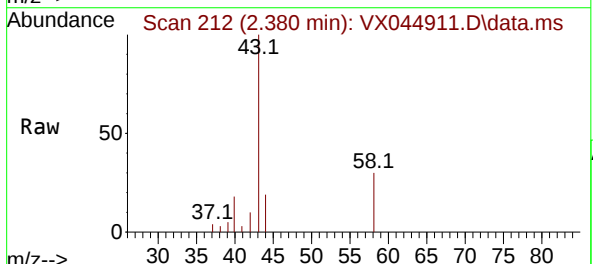
Instrument :
MSVOA_X
ClientSampleId :

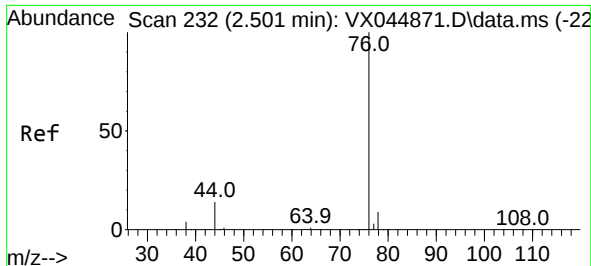
Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 11.700 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

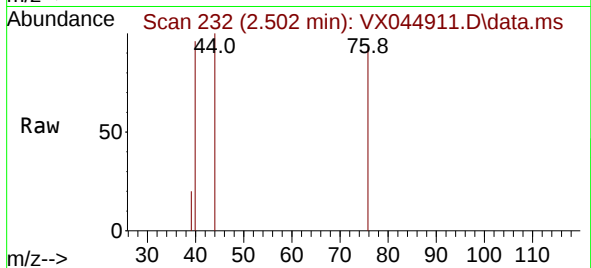
Tgt Ion: 43 Resp: 6319
Ion Ratio Lower Upper
43 100
58 30.0 26.5 39.7



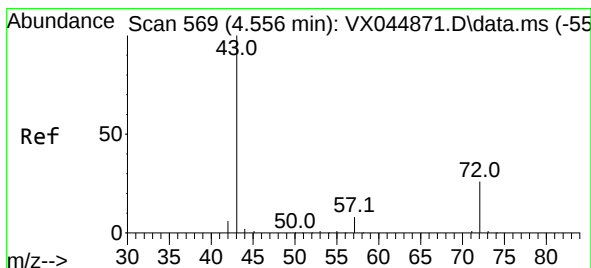
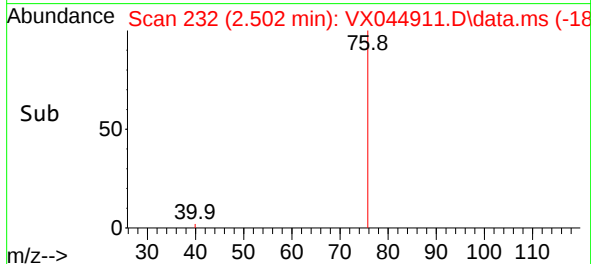
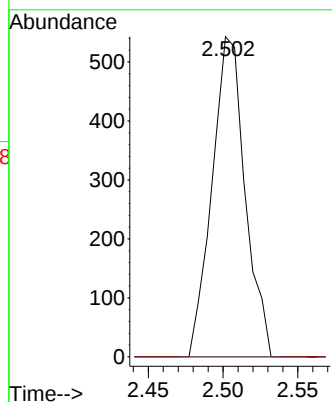


#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :

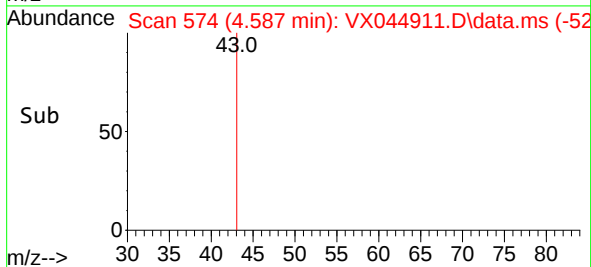
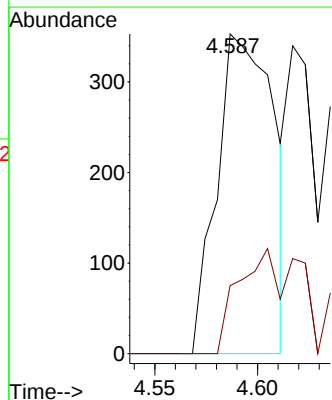
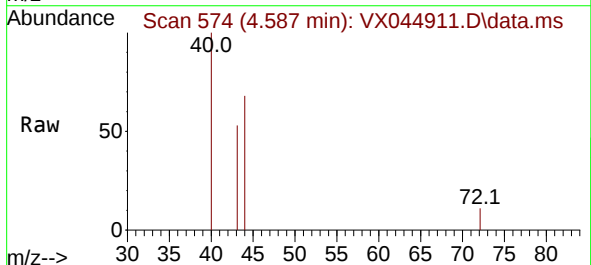


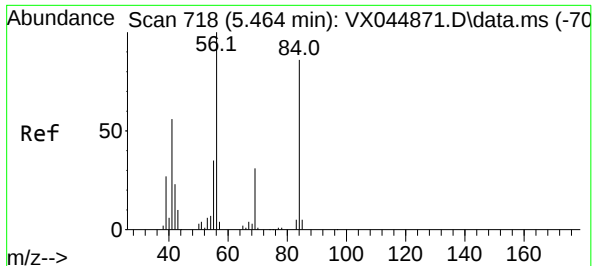
Tgt Ion: 76 Resp: 835
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#25
2-Butanone
Concen: 0.771 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

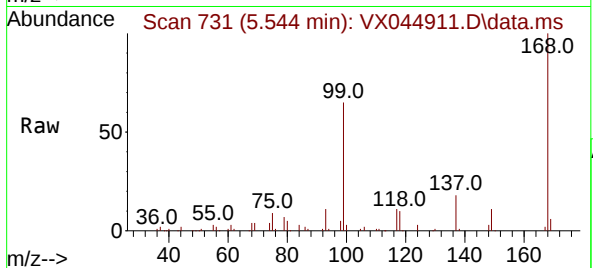
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
72 21.2 21.2 31.8



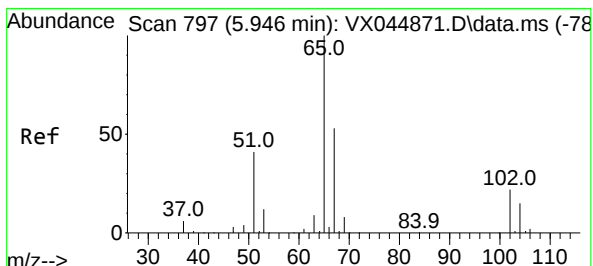
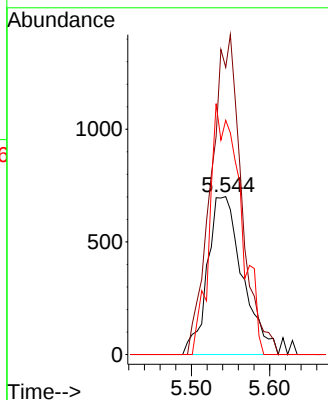
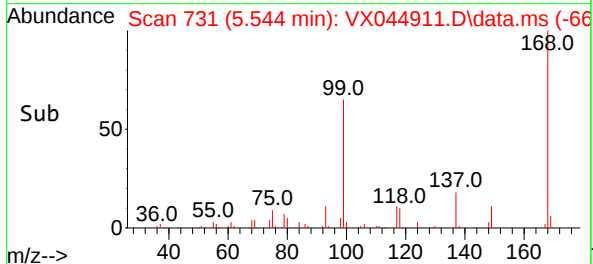


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :

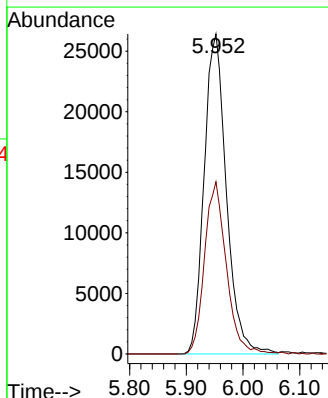
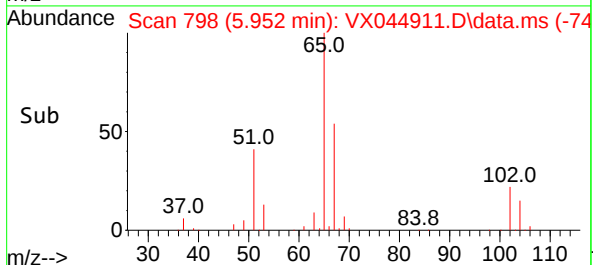
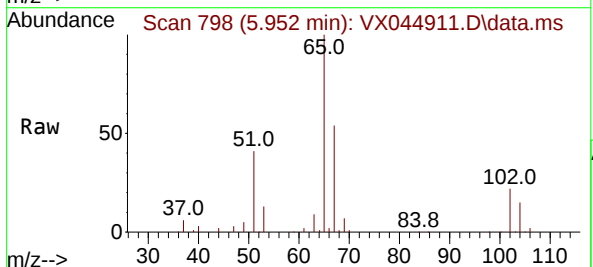


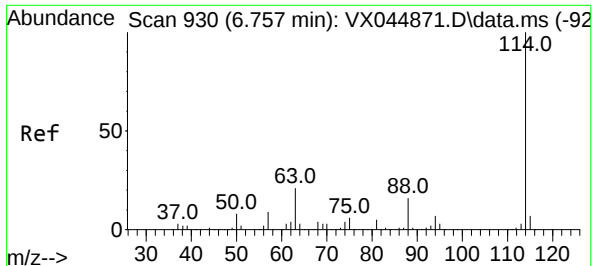
Tgt Ion: 56 Resp: 2184
Ion Ratio Lower Upper
56 100
69 181.9 24.4 36.6#
84 148.4 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.549 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 65 Resp: 71944
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.2

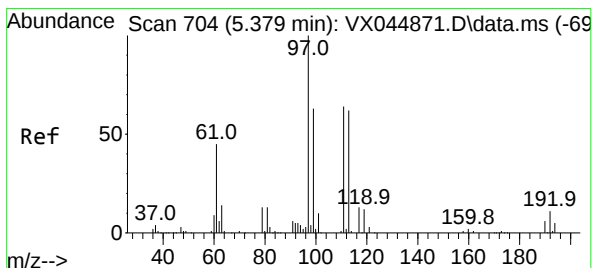
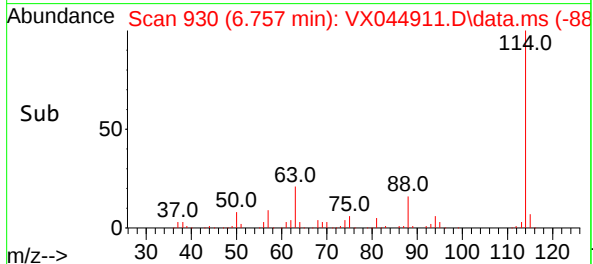
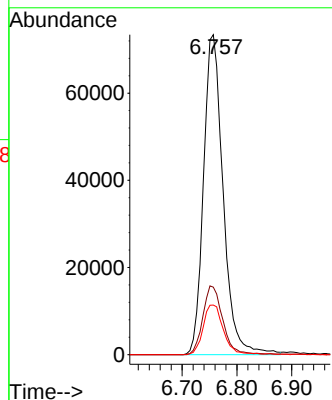
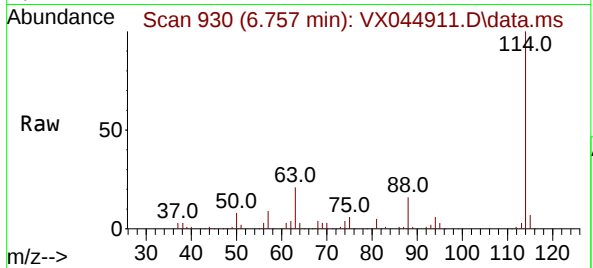




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

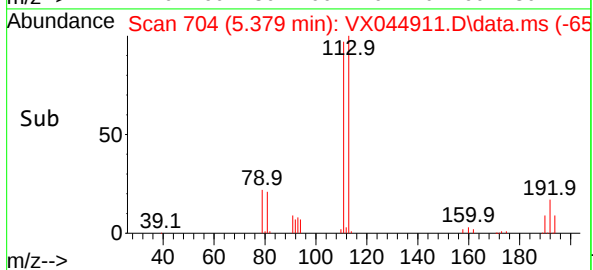
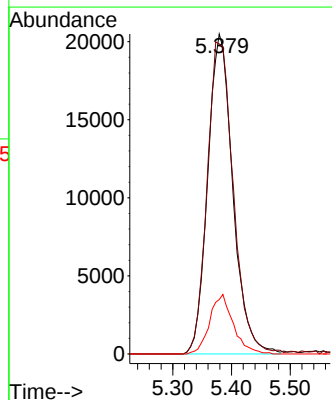
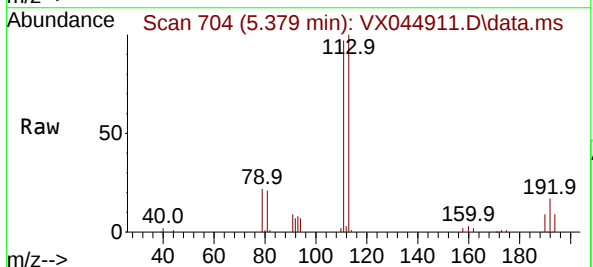
Instrument :
MSVOA_X
ClientSampleId :

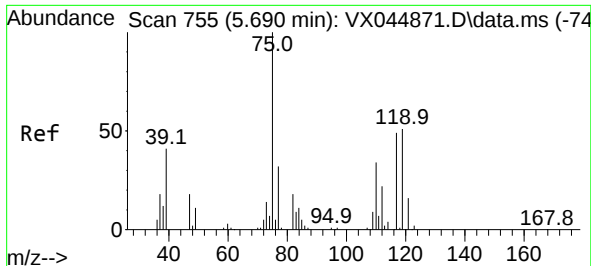
Tgt Ion:114 Resp: 182308
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.319 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

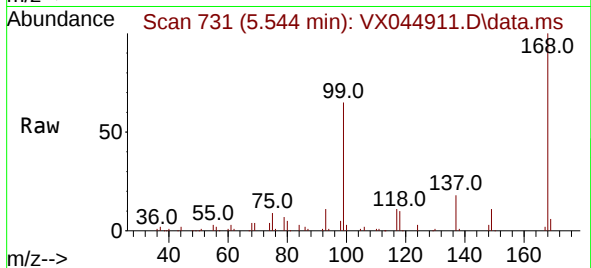
Tgt Ion:113 Resp: 60829
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 17.5 14.4 21.6



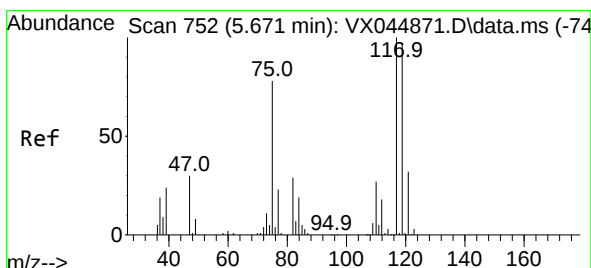
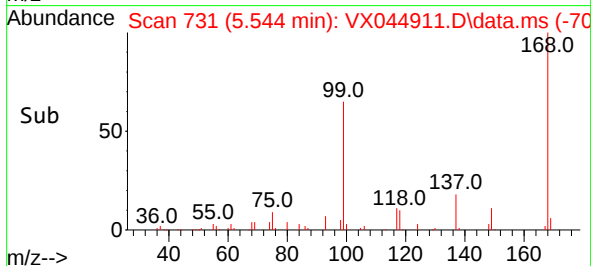
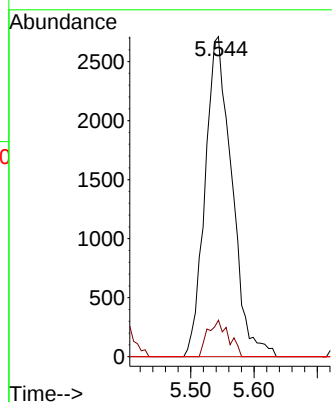


#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :

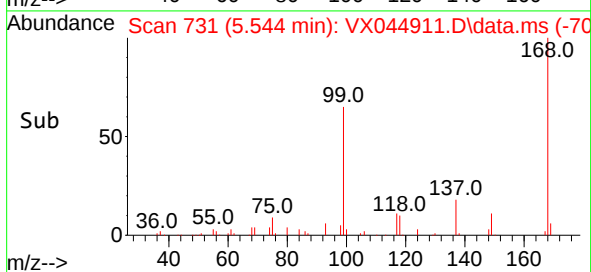
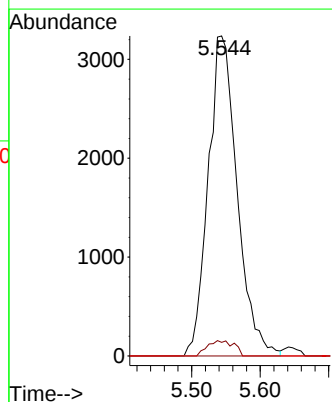
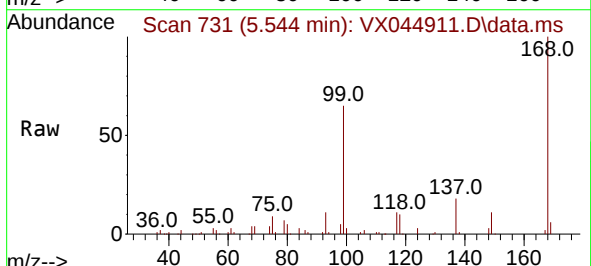


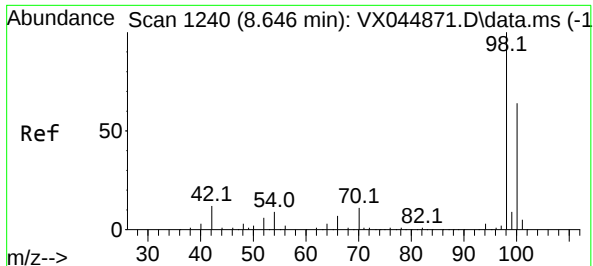
Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 117 Resp: 9530
Ion Ratio Lower Upper
117 100
119 4.3 77.5 116.3#
121 0.0 25.6 38.4#

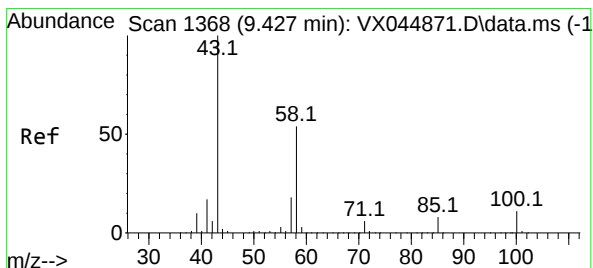
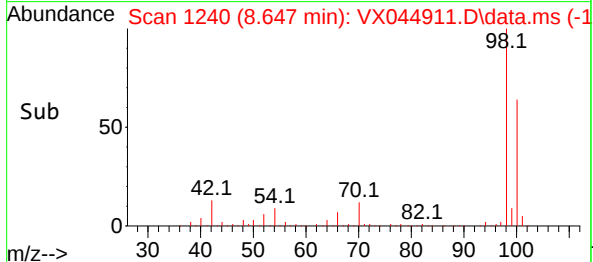
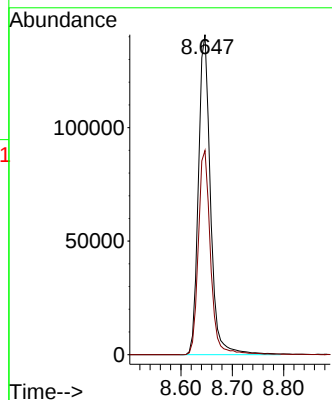
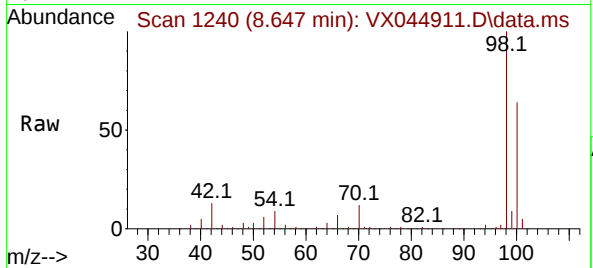




#50
Toluene-d8
Concen: 51.267 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

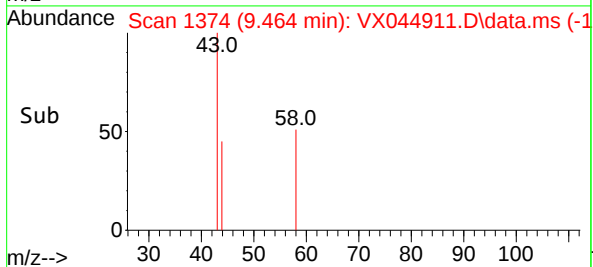
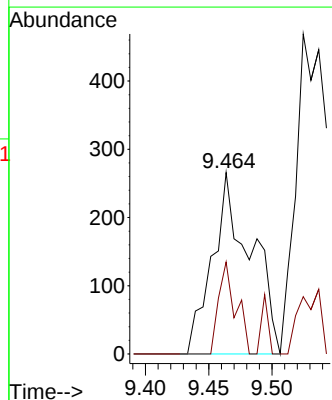
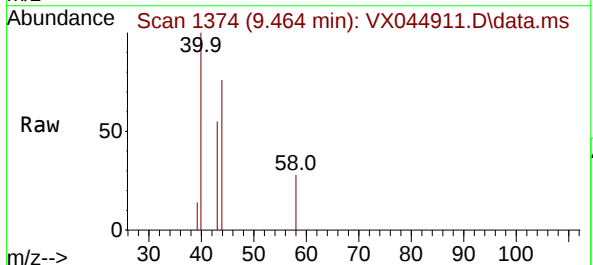
Instrument :
MSVOA_X
ClientSampleId :

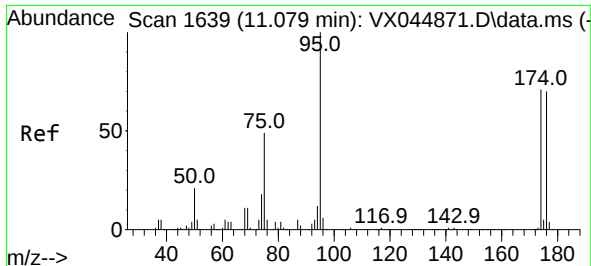
Tgt Ion: 98 Resp: 229787
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#59
2-Hexanone
Concen: 0.416 ug/l
RT: 9.464 min Scan# 1374
Delta R.T. 0.037 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 22.9 27.5 82.4#

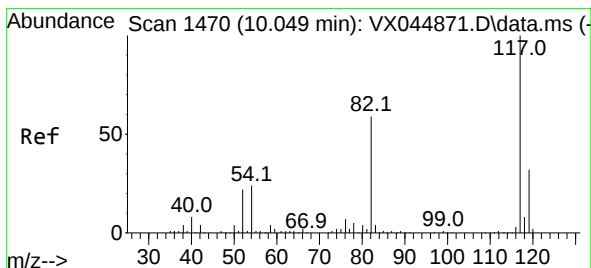
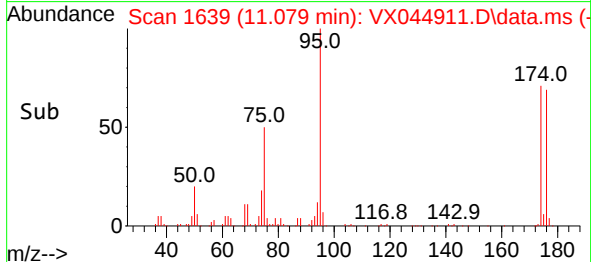
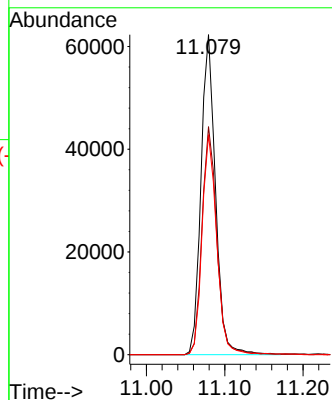
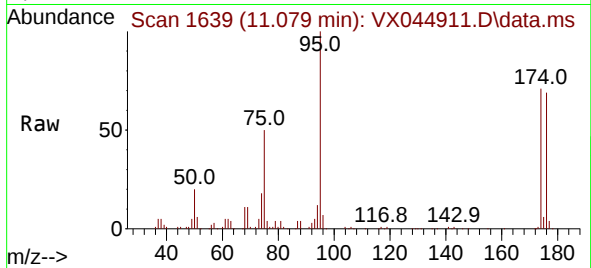




#62
4-Bromofluorobenzene
Concen: 53.132 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

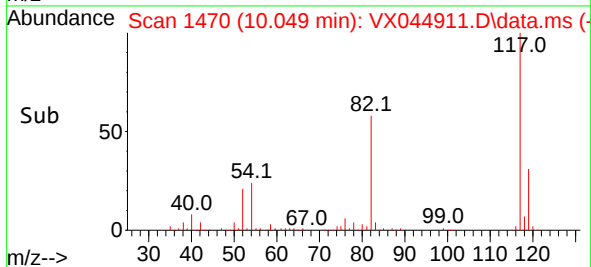
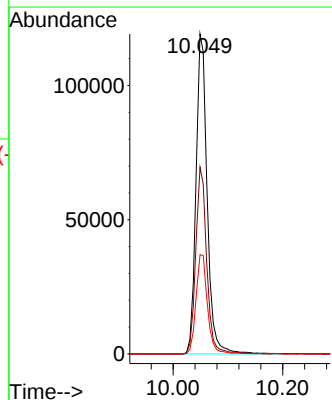
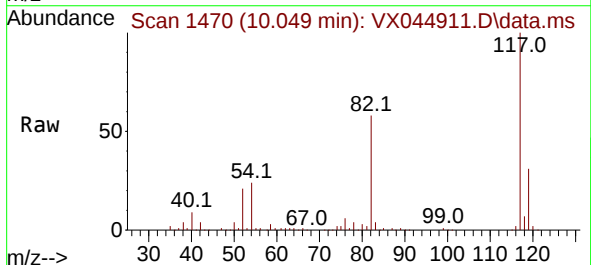
Instrument :
MSVOA_X
ClientSampleId :

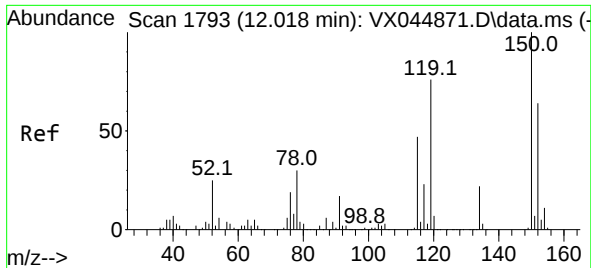
Tgt Ion: 95 Resp: 80284
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 69.3 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 117 Resp: 169727
Ion Ratio Lower Upper
117 100
82 58.3 47.5 71.3
119 31.0 25.4 38.0

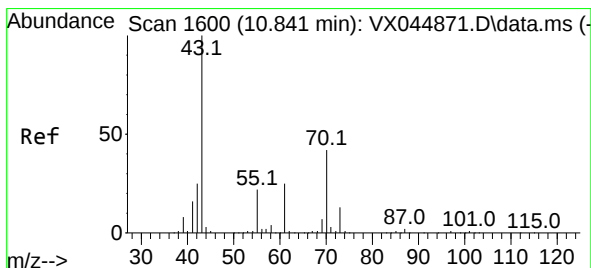
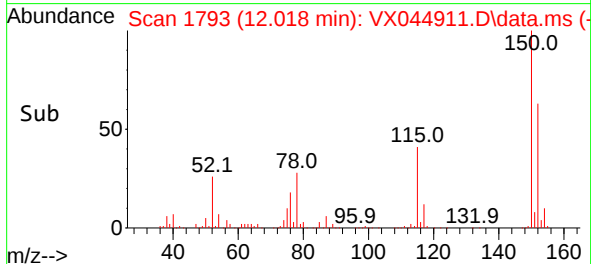
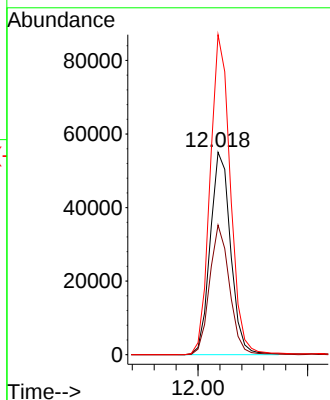
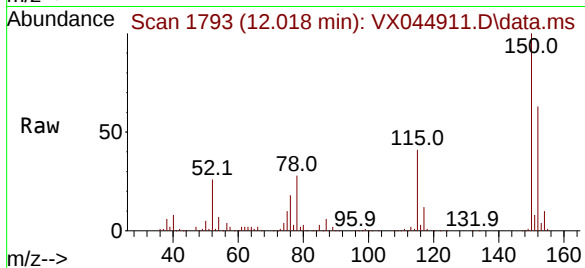




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044911.D
 Acq: 11 Feb 2025 17:09

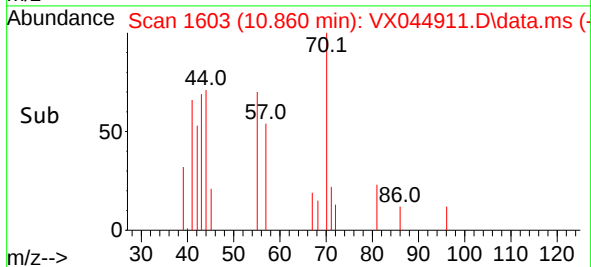
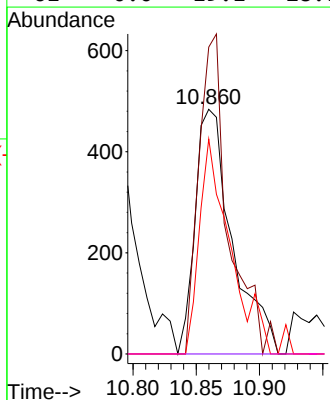
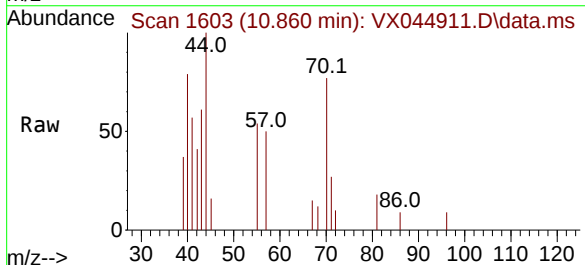
Instrument :
 MSVOA_X
 ClientSampleId :

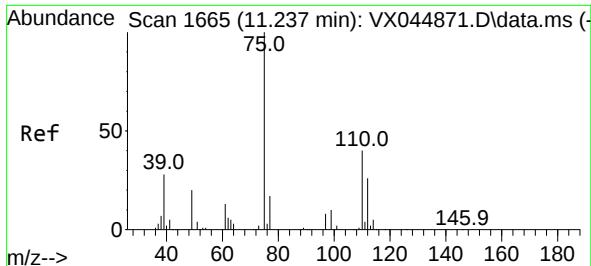
Tgt Ion:152 Resp: 71217
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.4 130.1
 150 156.8 0.0 350.4



#74
 N-ethyl acetate
 Concen: 0.381 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.019 min
 Lab File: VX044911.D
 Acq: 11 Feb 2025 17:09

Tgt Ion: 43 Resp: 989
 Ion Ratio Lower Upper
 43 100
 70 104.9 33.7 50.5#
 55 73.1 18.6 27.8#
 61 0.0 19.1 28.7#

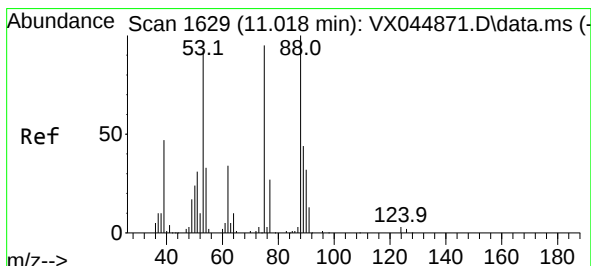
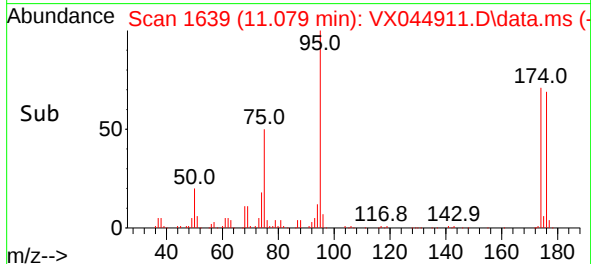
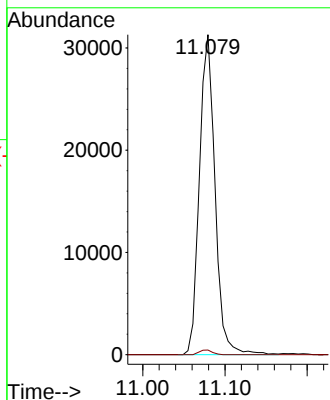
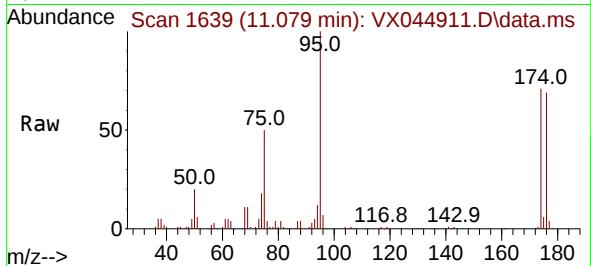




#76
1,2,3-Trichloropropane
Concen: 26.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41364
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044911.D
Acq: 11 Feb 2025 17:09

Tgt Ion: 75 Resp: 41364
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

