

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044731.D
 Acq On : 27 Jan 2025 18:00
 Operator : JC/MD
 Sample : Q1180-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:16:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

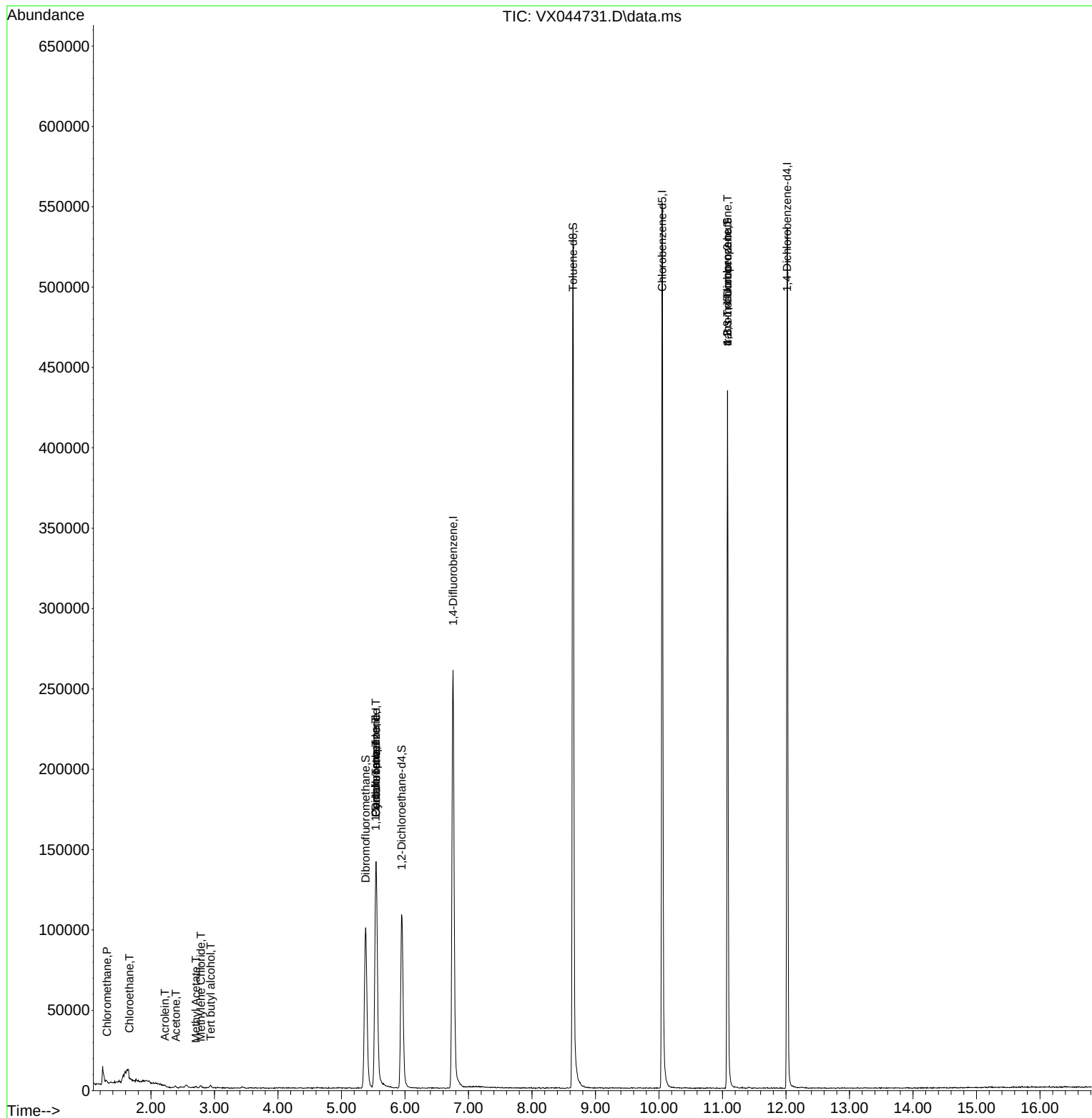
Internal Standards						
1) Pentafluorobenzene	5.544	168	138064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	281466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102440	49.156	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	5.379	113	90352	50.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	344222	55.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.420%
62) 4-Bromofluorobenzene	11.079	95	123053	52.943	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1522	0.758	ug/l #	82
6) Chloroethane	1.660	64	211	0.580	ug/l	98
11) Tert butyl alcohol	2.941	59	482	1.037	ug/l #	85
13) Acrolein	2.221	56	123	0.563	ug/l #	15
16) Acetone	2.392	43	1245	1.510	ug/l	95
18) Methyl Acetate	2.709	43	1166	0.458	ug/l #	58
20) Methylene Chloride	2.788	84	701	0.365	ug/l #	71
31) Cyclohexane	5.544	56	3223	1.228	ug/l #	4
36) 1,1-Dichloropropene	5.538	75	11639	4.676	ug/l #	48
38) Carbon Tetrachloride	5.544	117	14641	5.229	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	60987	23.556	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	60987	53.868	ug/l #	12

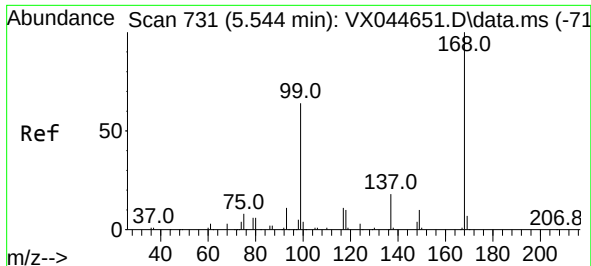
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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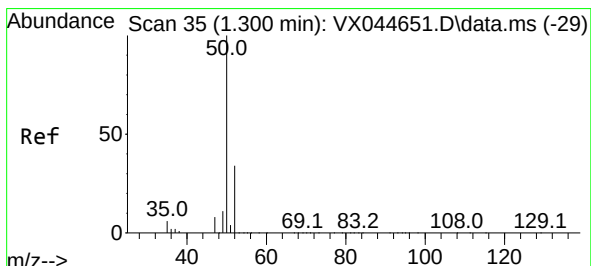
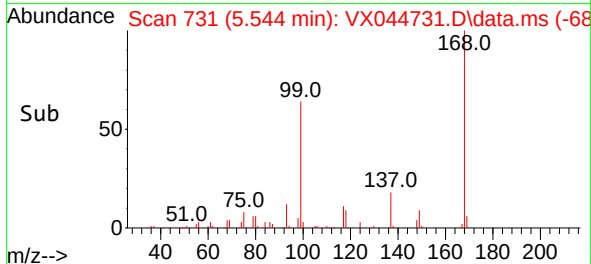
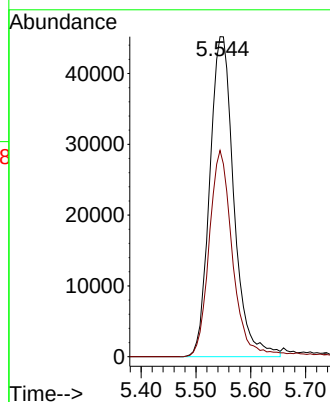
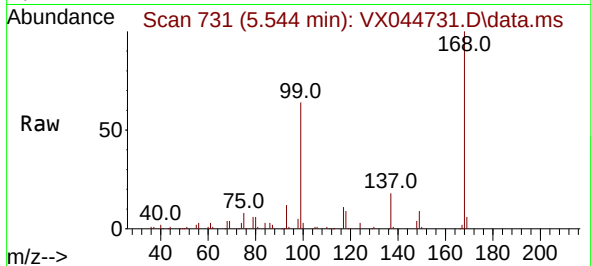




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

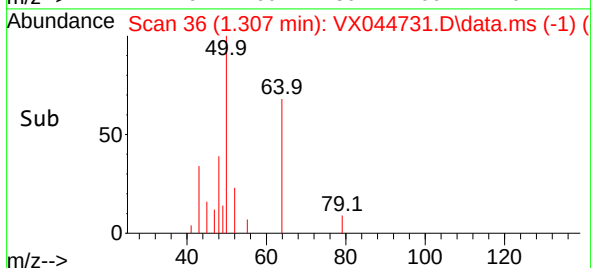
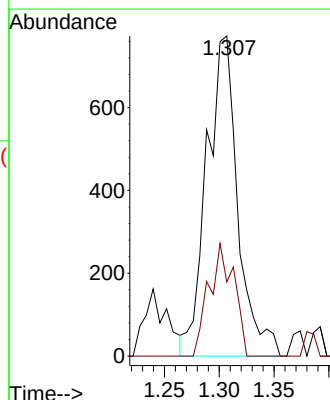
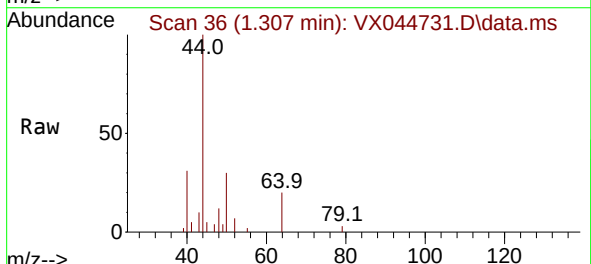
Instrument :
MSVOA_X
ClientSampleId :

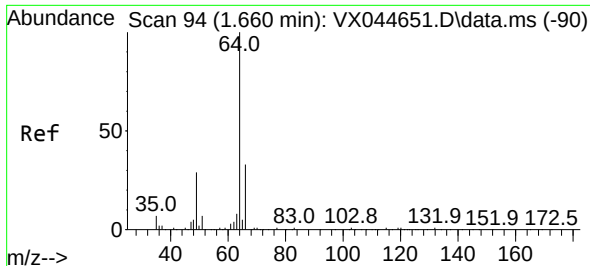
Tgt Ion:168 Resp: 138064
Ion Ratio Lower Upper
168 100
99 64.4 51.1 76.7



#3
Chloromethane
Concen: 0.758 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion: 50 Resp: 1522
Ion Ratio Lower Upper
50 100
52 23.2 27.0 40.4#

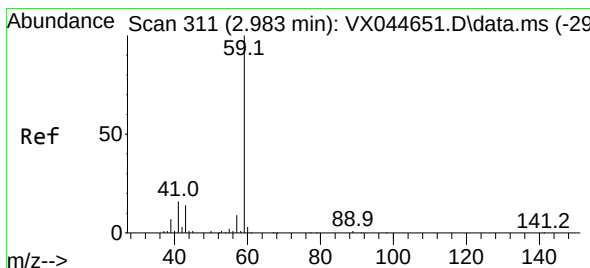
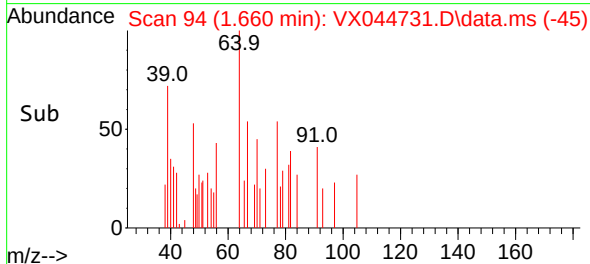
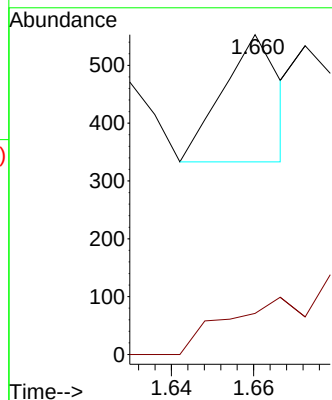
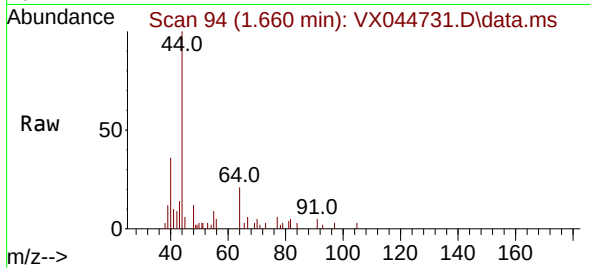




#6
Chloroethane
Concen: 0.580 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

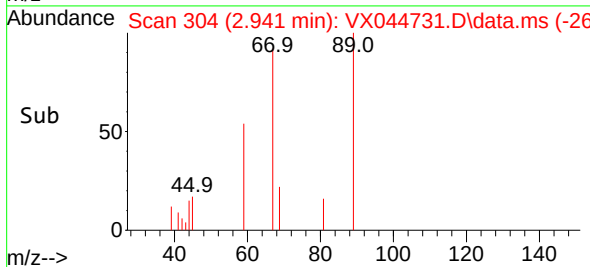
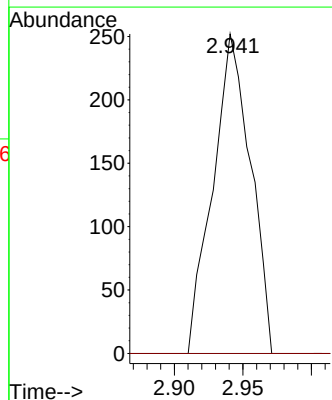
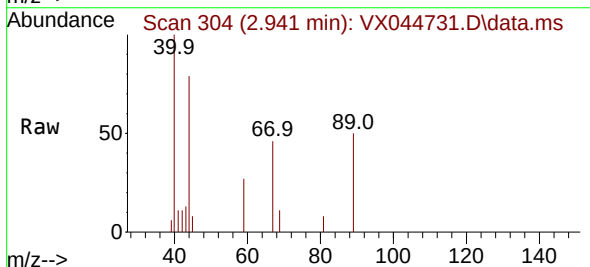
Instrument :
MSVOA_X
ClientSampleId :

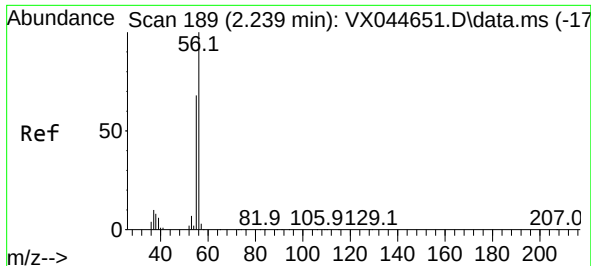
Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 32.3 26.6 39.8



#11
Tert butyl alcohol
Concen: 1.037 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

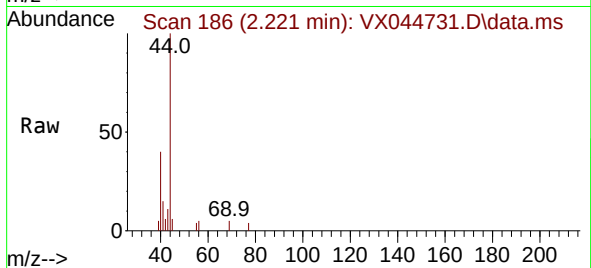
Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



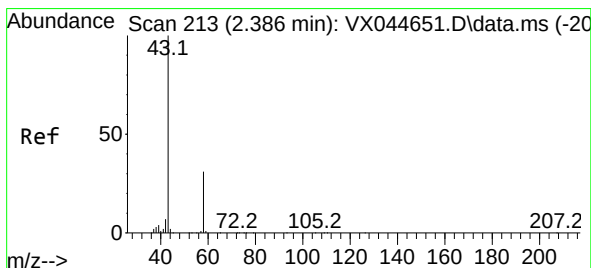
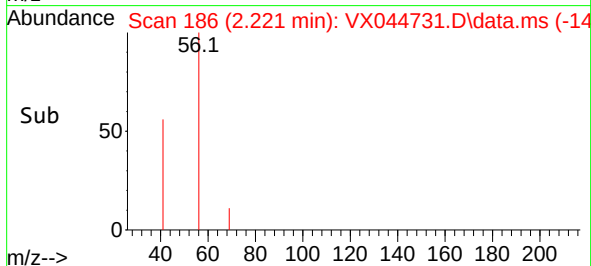
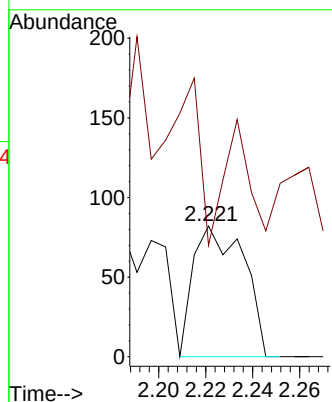


#13
Acrolein
Concen: 0.563 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :

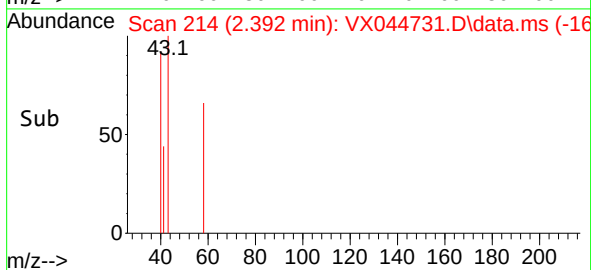
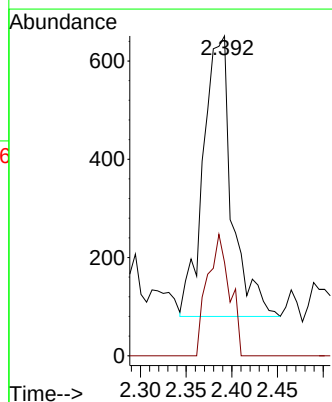
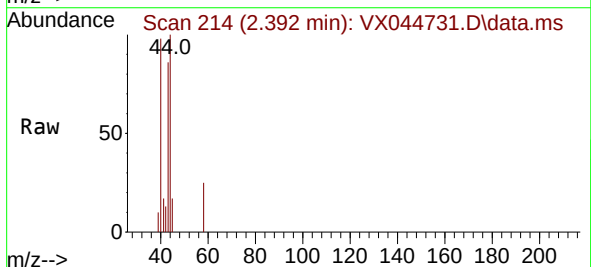


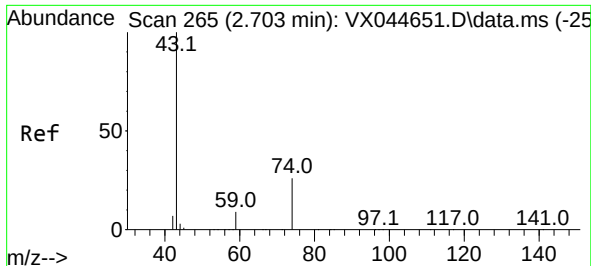
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 1.510 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 33.3 24.6 37.0

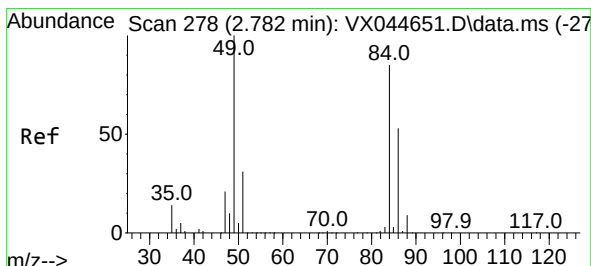
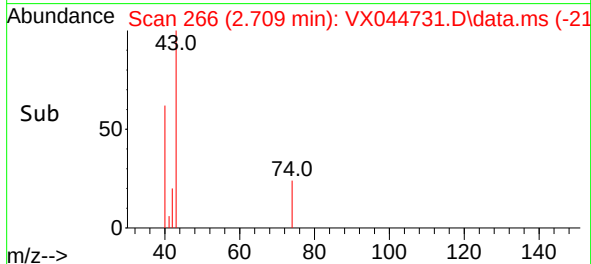
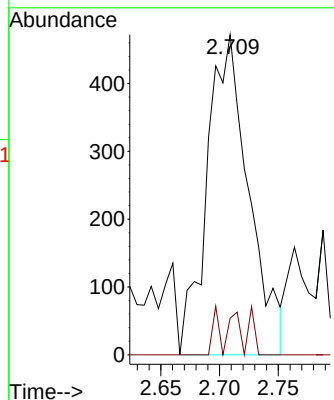
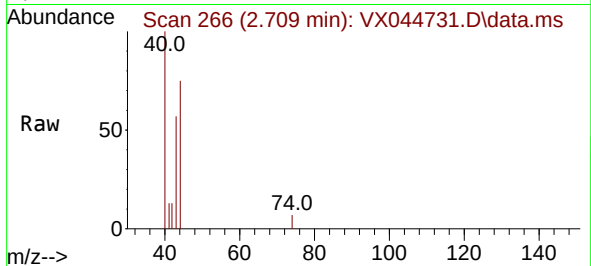




#18
Methyl Acetate
Concen: 0.458 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

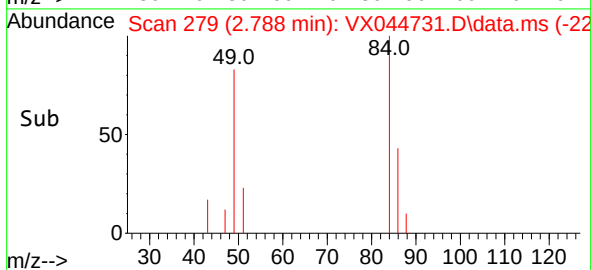
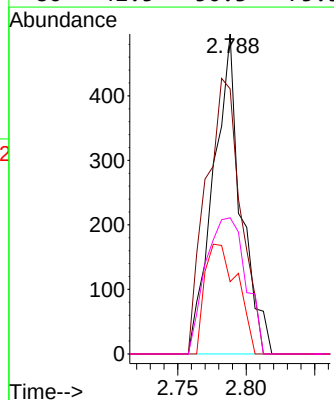
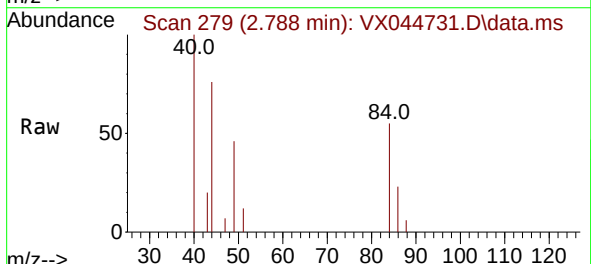
Instrument :
MSVOA_X
ClientSampleId :

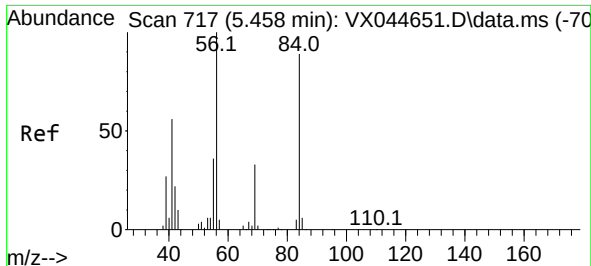
Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
74 3.7 19.8 29.8#



#20
Methylene Chloride
Concen: 0.365 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

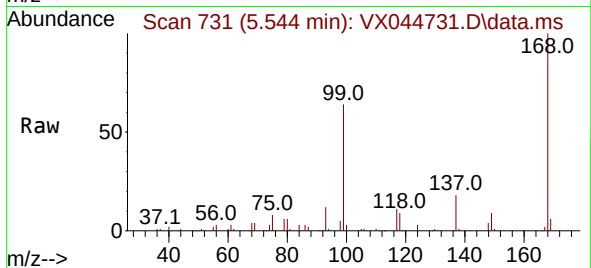
Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 82.9 94.2 141.4#
51 22.6 28.8 43.2#
86 42.5 50.3 75.5#



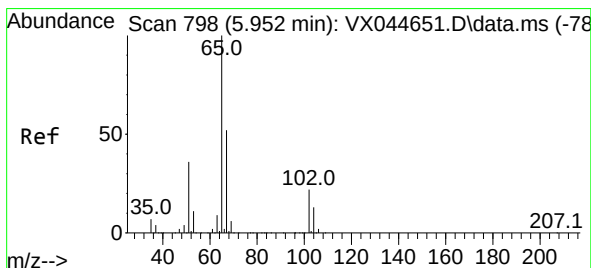
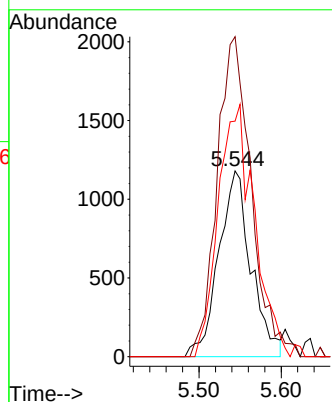
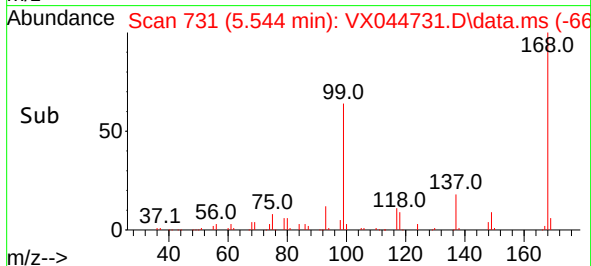


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.086 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :

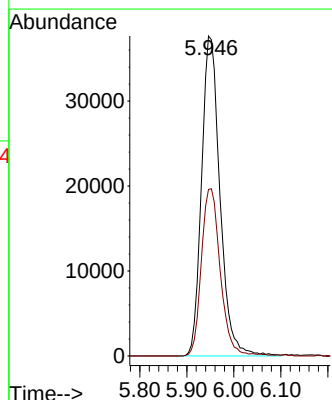
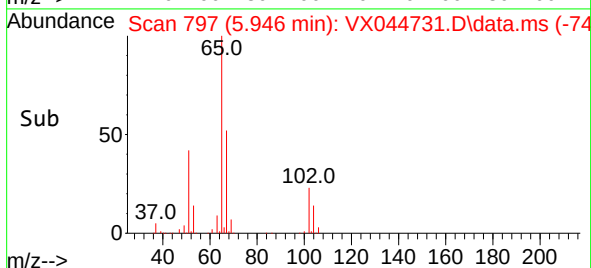
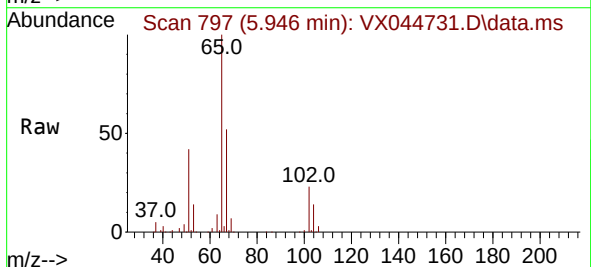


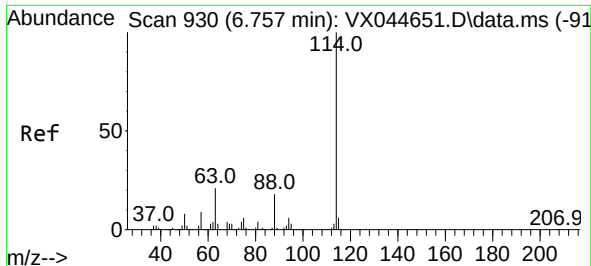
Tgt Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
69 172.3 26.8 40.2#
84 126.8 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 49.156 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

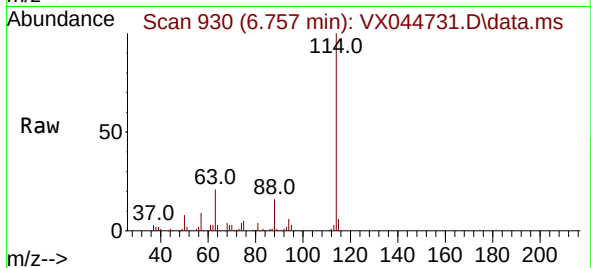
Tgt Ion: 65 Resp: 102440
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4



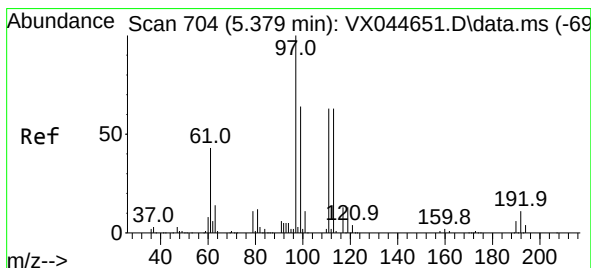
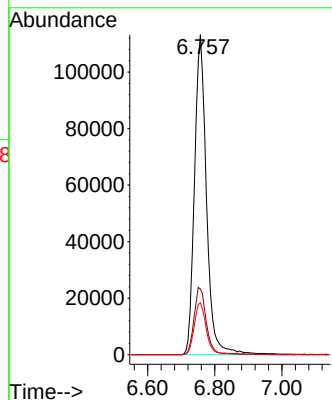
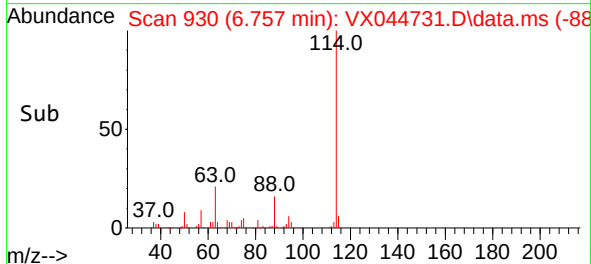


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044731.D
 Acq: 27 Jan 2025 18:00

Instrument :
 MSVOA_X
 ClientSampleId :

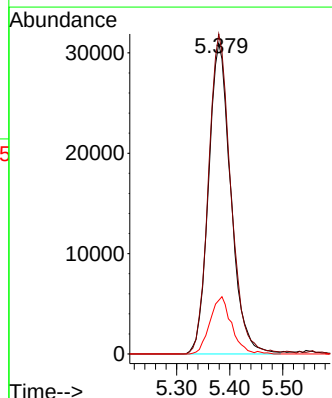
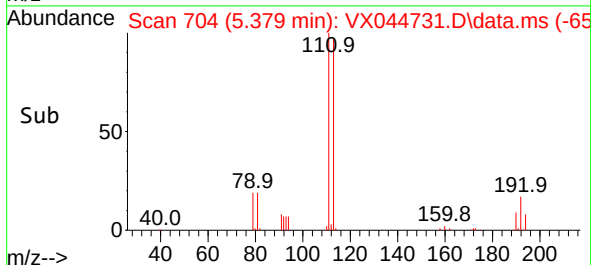
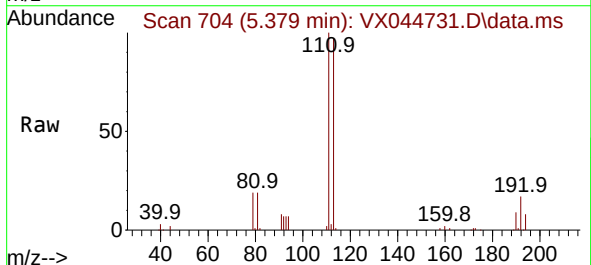


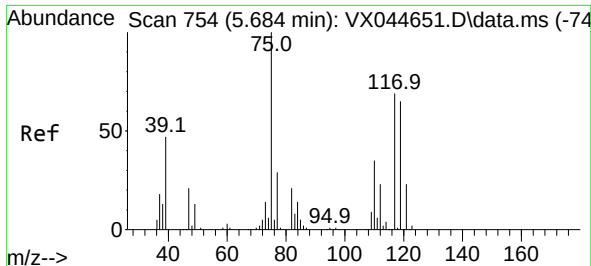
Tgt Ion:114 Resp: 281466
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.0
 88 16.2 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.529 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044731.D
 Acq: 27 Jan 2025 18:00

Tgt Ion:113 Resp: 90352
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 17.7 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX044731.D

Acq: 27 Jan 2025 18:00

Instrument :

MSVOA_X

ClientSampleId :

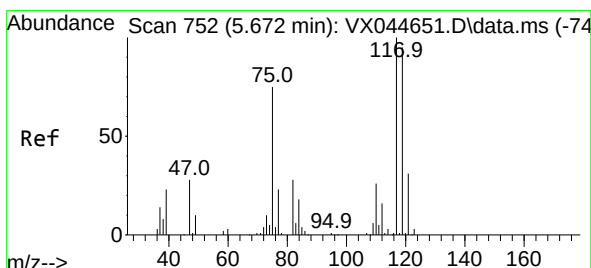
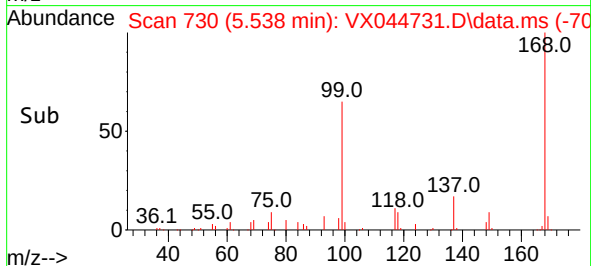
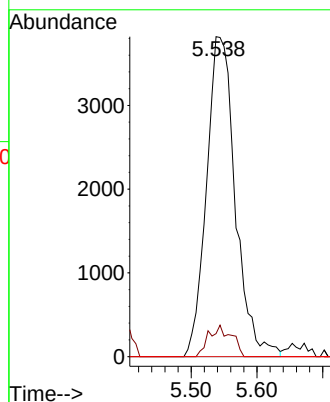
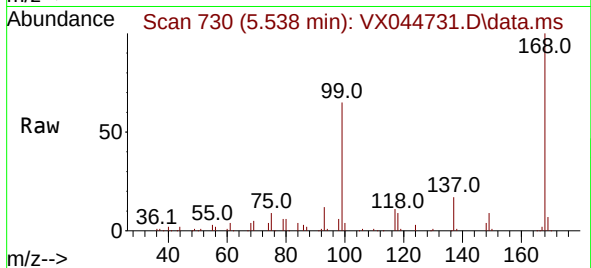
Tgt Ion: 75 Resp: 11639

Ion Ratio Lower Upper

75 100

110 7.8 17.9 53.8#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.229 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044731.D

Acq: 27 Jan 2025 18:00

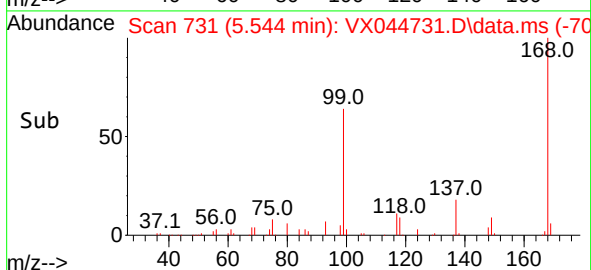
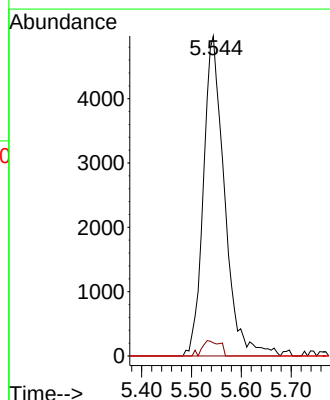
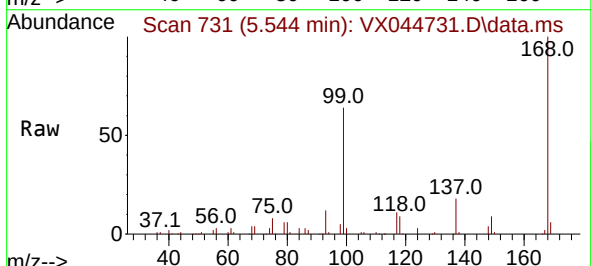
Tgt Ion: 117 Resp: 14641

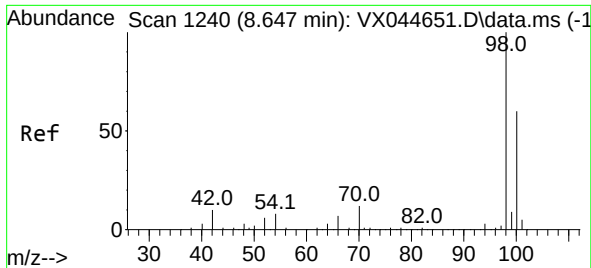
Ion Ratio Lower Upper

117 100

119 4.1 76.0 114.0#

121 0.0 24.6 36.8#

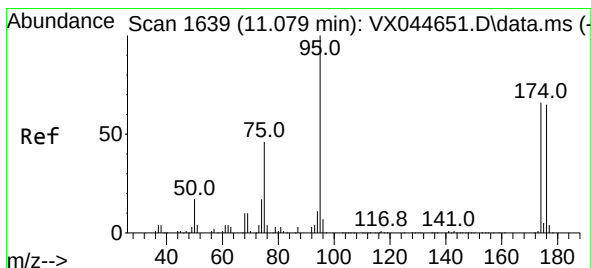
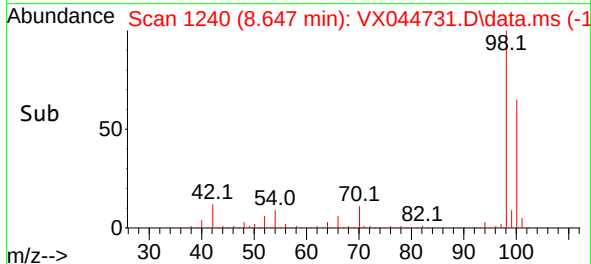
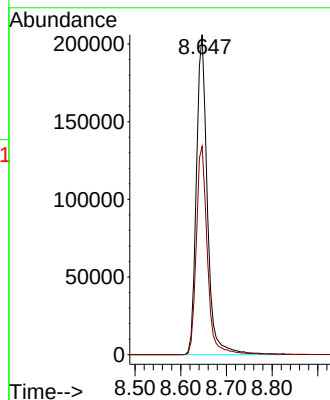
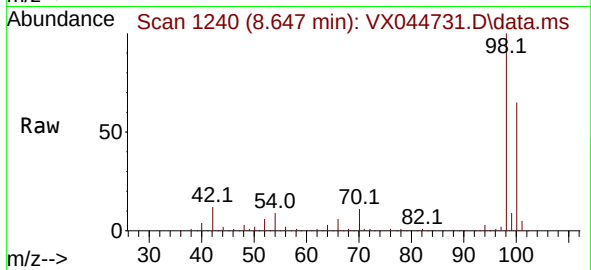




#50
Toluene-d8
Concen: 55.210 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

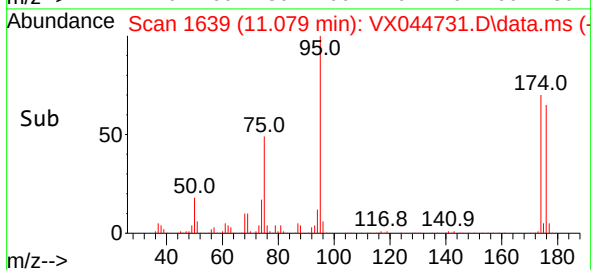
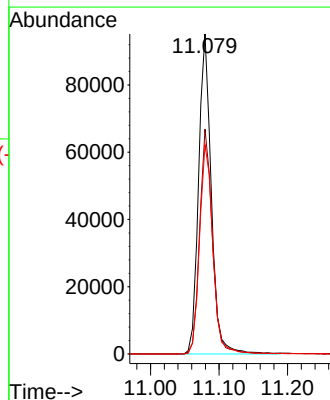
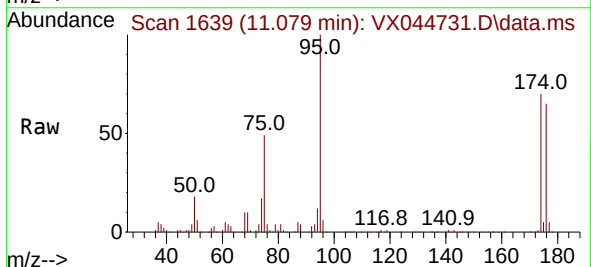
Instrument :
MSVOA_X
ClientSampleId :

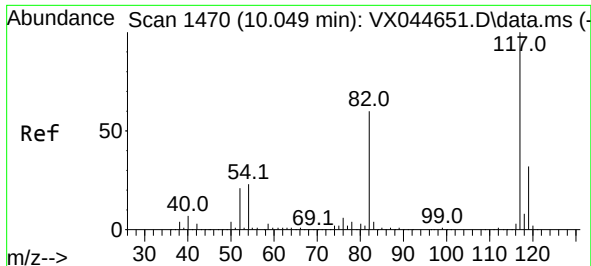
Tgt Ion: 98 Resp: 344222
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 52.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion: 95 Resp: 123053
Ion Ratio Lower Upper
95 100
174 71.1 0.0 133.0
176 68.3 0.0 129.4

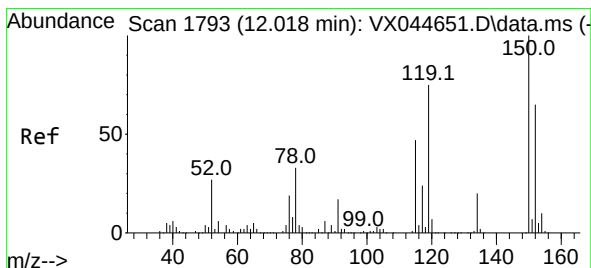
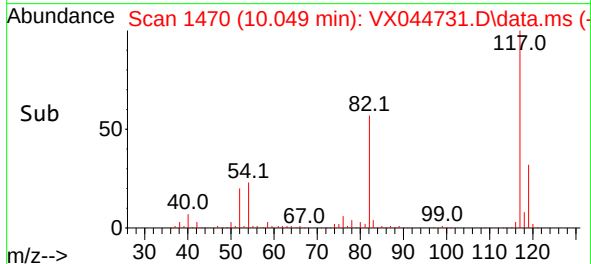
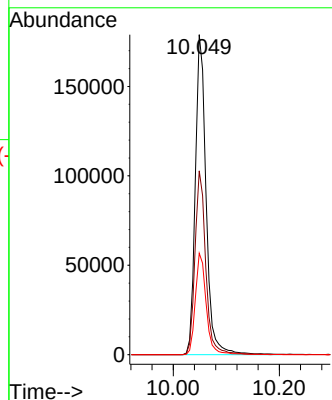
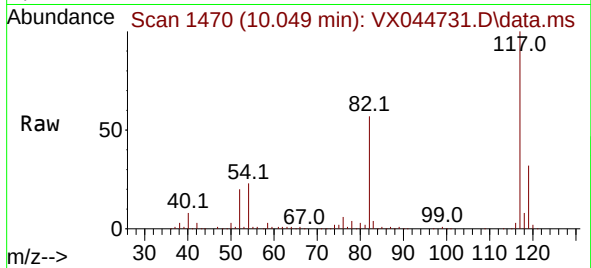




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

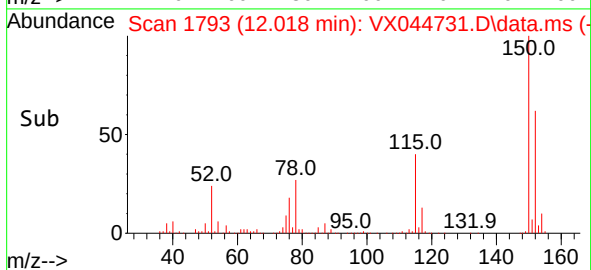
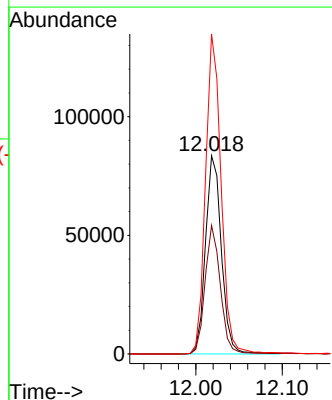
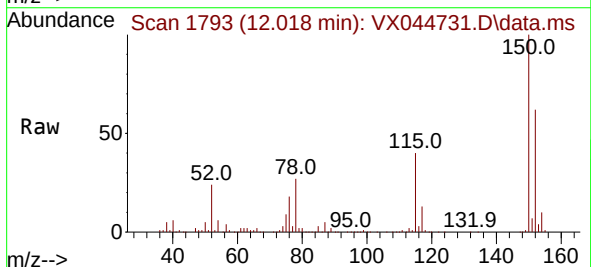
Instrument :
MSVOA_X
ClientSampleId :

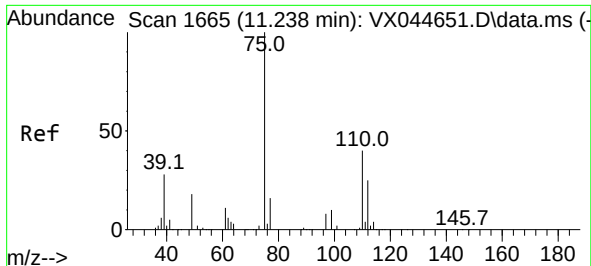
Tgt Ion:117 Resp: 252440
Ion Ratio Lower Upper
117 100
82 57.4 47.6 71.4
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion:152 Resp: 106684
Ion Ratio Lower Upper
152 100
115 62.7 43.8 131.4
150 158.3 0.0 347.8

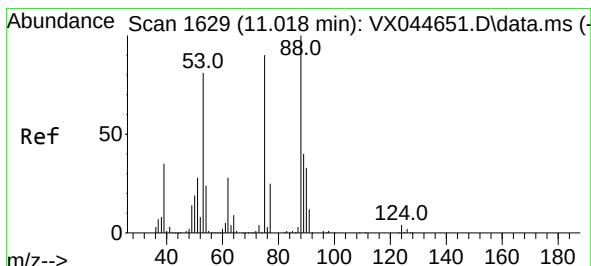
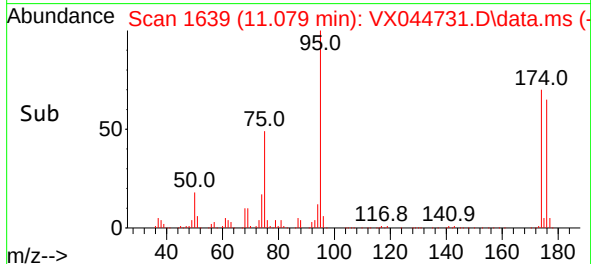
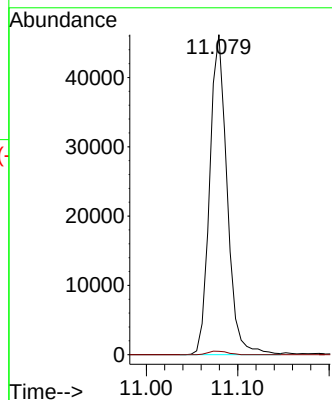
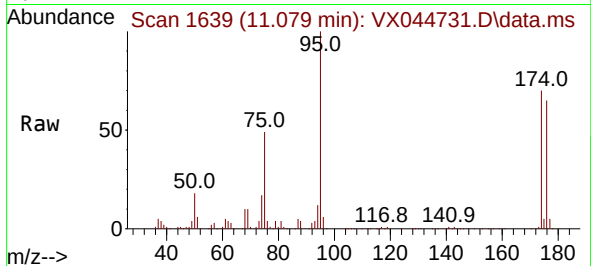




#76
1,2,3-Trichloropropane
Concen: 23.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60987
Ion Ratio Lower Upper
75 100
77 1.2 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion: 75 Resp: 60987
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

