

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044837.D
 Acq On : 05 Feb 2025 12:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:36:59 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)

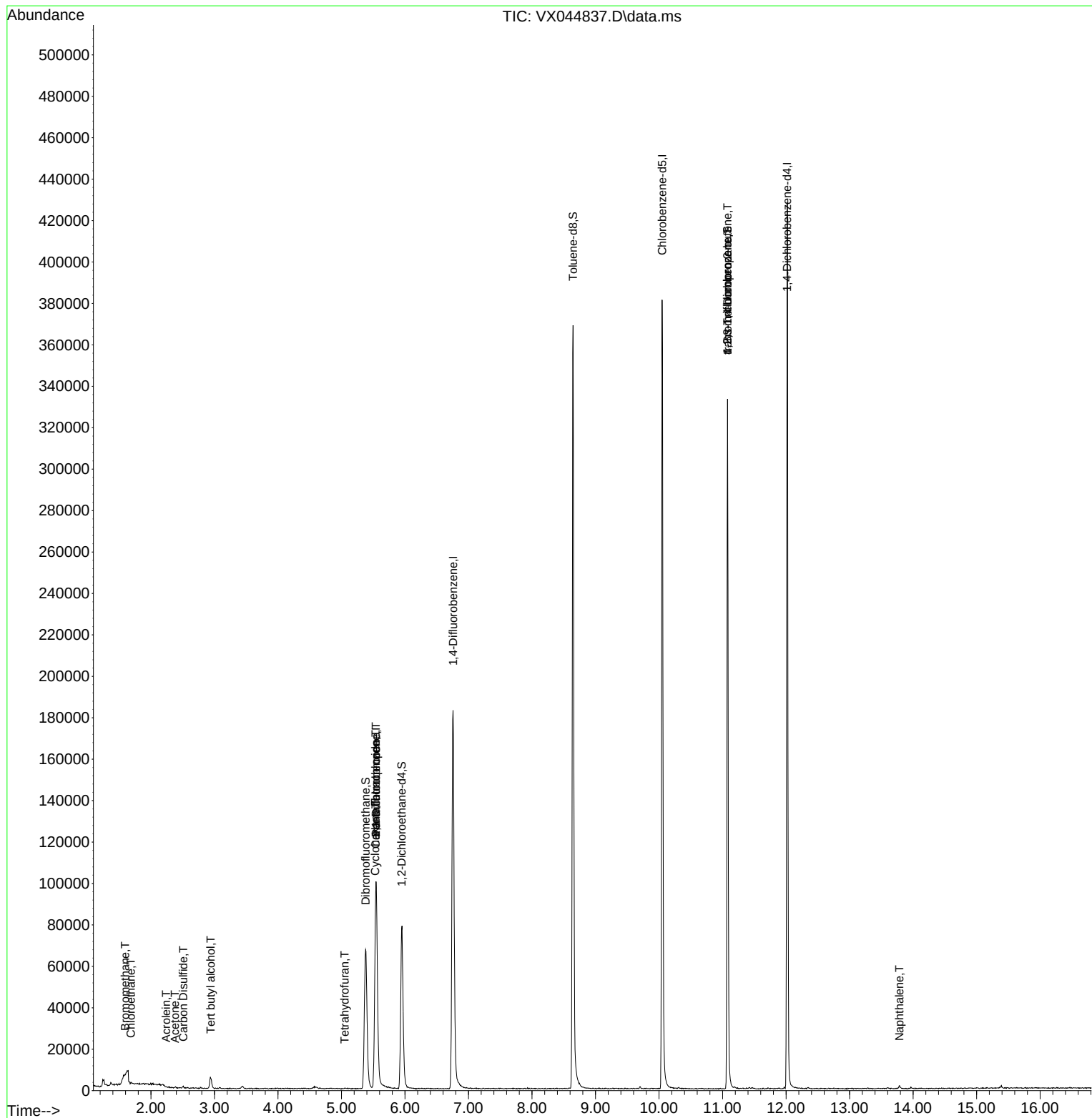
Internal Standards						
1) Pentafluorobenzene	5.544	168	100391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71036	46.878	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	5.379	113	61475	48.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.647	98	236249	53.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.660%		
62) 4-Bromofluorobenzene	11.079	95	94503	57.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	114.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	84	0.244	ug/l #	4
6) Chloroethane	1.685	64	121	0.457	ug/l #	41
11) Tert butyl alcohol	2.940	59	3141	9.298	ug/l #	85
13) Acrolein	2.239	56	63	0.396	ug/l	89
16) Acetone	2.380	43	638	1.064	ug/l #	85
17) Carbon Disulfide	2.508	76	1130	0.352	ug/l	98
29) Tetrahydrofuran	5.050	42	220	0.383	ug/l #	30
31) Cyclohexane	5.531	56	2356	1.235	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	8627	4.878	ug/l #	48
38) Carbon Tetrachloride	5.538	117	9973	5.013	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	49385	24.754	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	49385	56.610	ug/l #	12
95) Naphthalene	13.786	128	1743	0.270	ug/l #	87

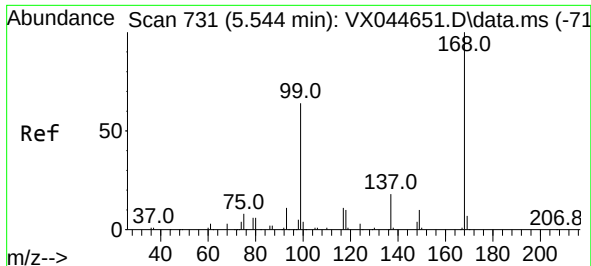
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
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Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

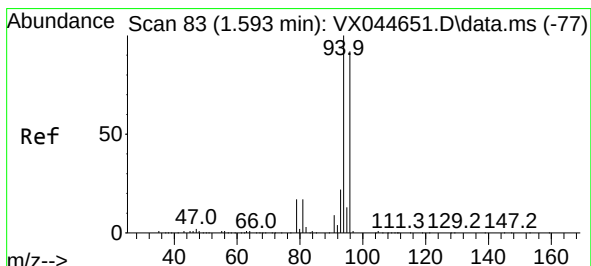
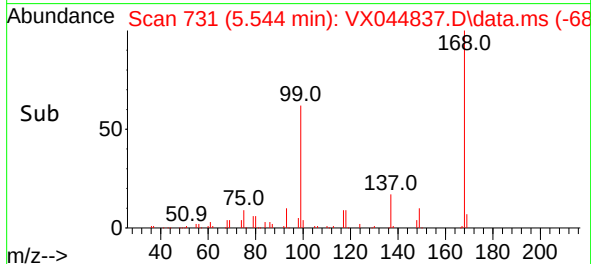
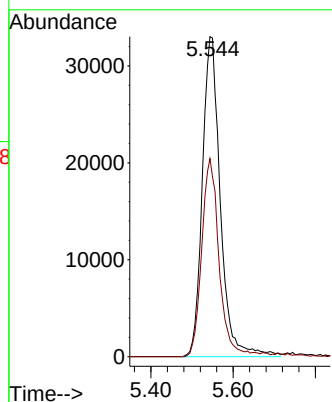
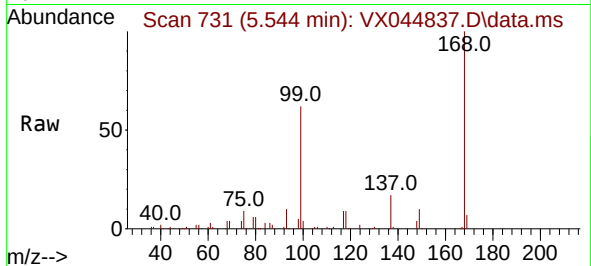




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

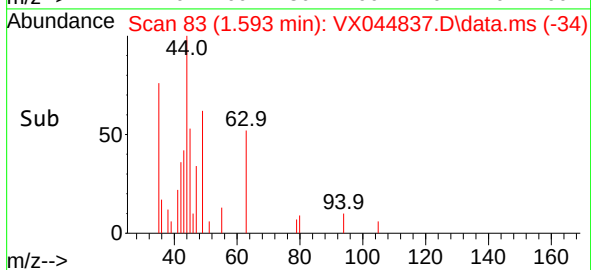
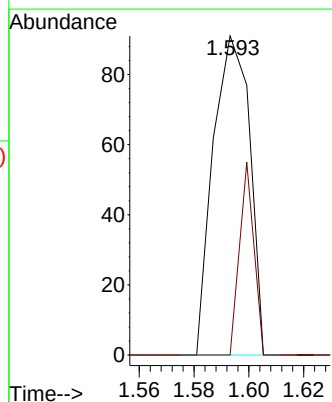
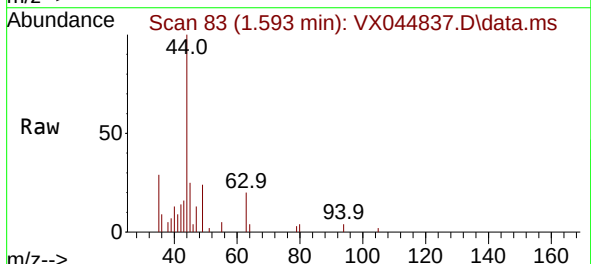
Instrument :
MSVOA_X
ClientSampleId :

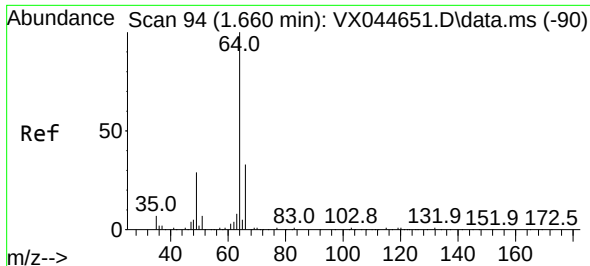
Tgt Ion:168 Resp: 100391
Ion Ratio Lower Upper
168 100
99 61.9 51.1 76.7



#5
Bromomethane
Concen: 0.244 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

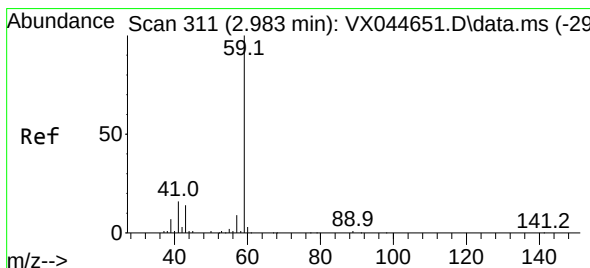
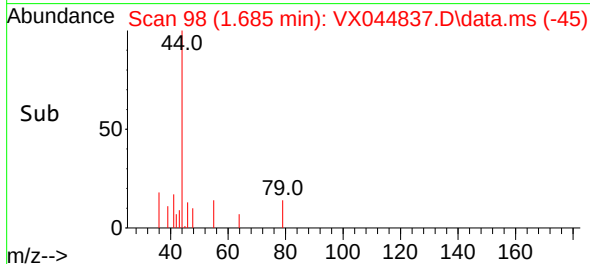
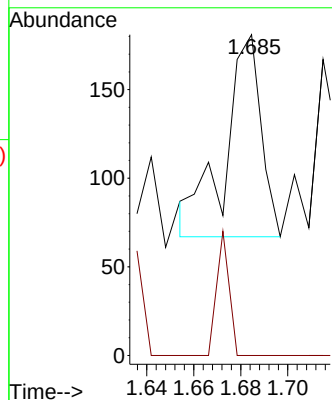
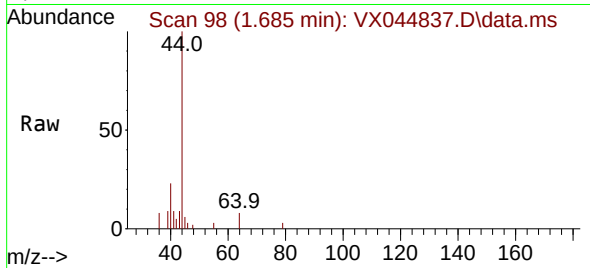




#6
Chloroethane
Concen: 0.457 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

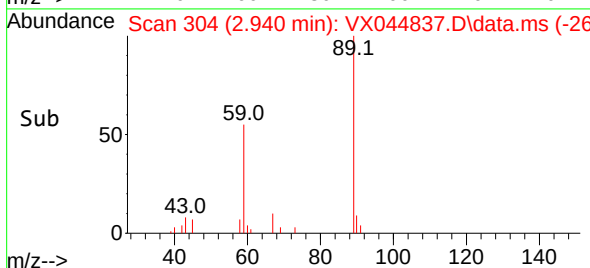
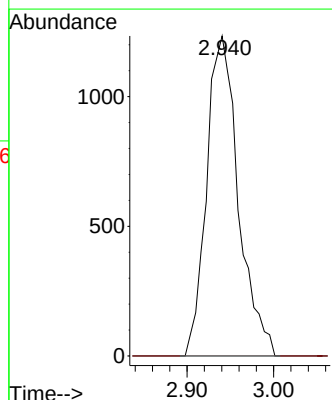
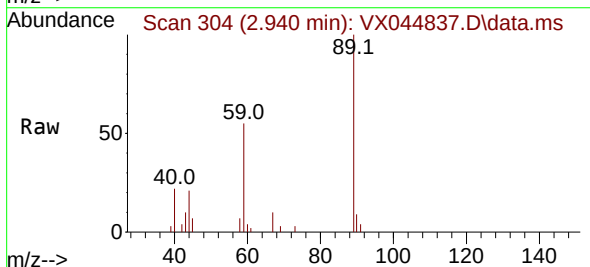
Instrument :
MSVOA_X
ClientSampleId :

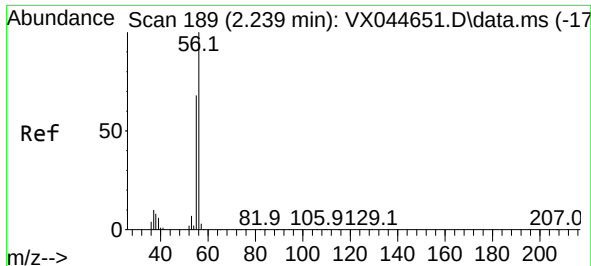
Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 9.298 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

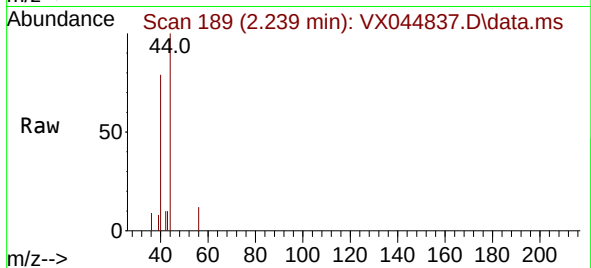
Tgt Ion: 59 Resp: 3141
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



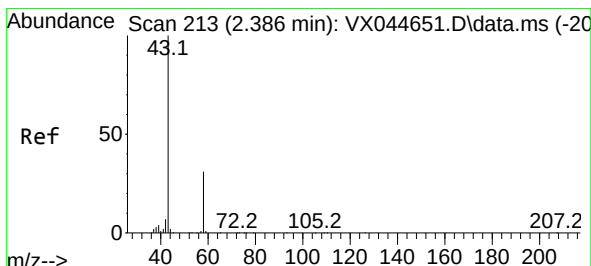
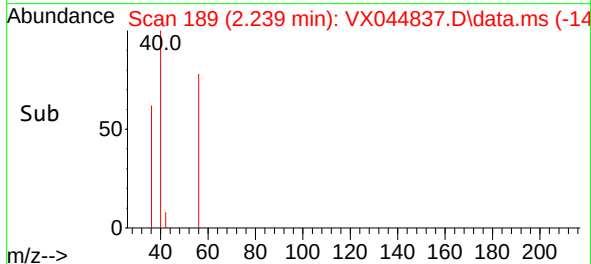
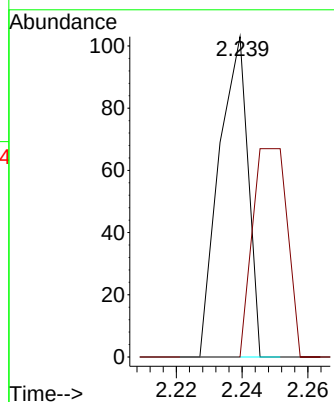


#13
Acrolein
Concen: 0.396 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :

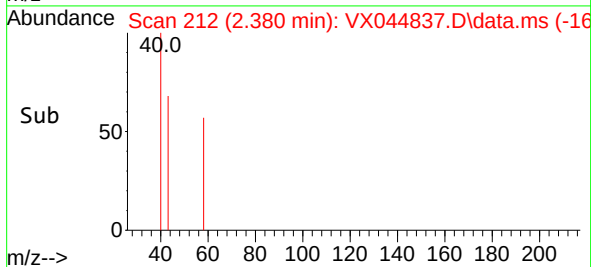
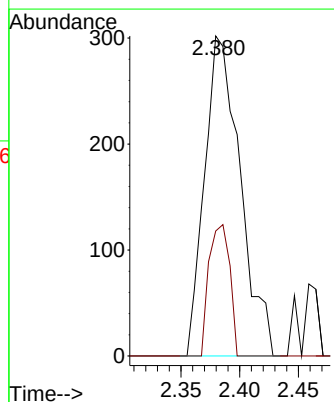
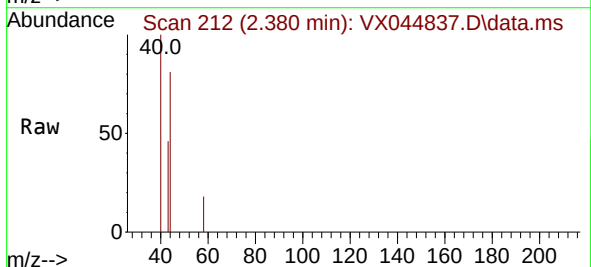


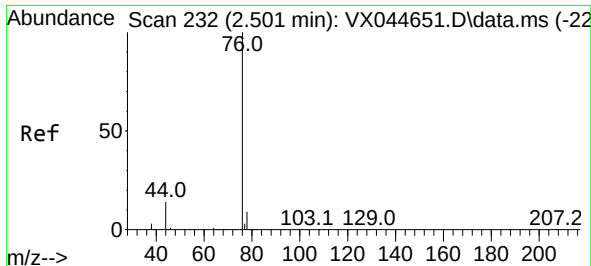
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 77.8 55.1 82.7



#16
Acetone
Concen: 1.064 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

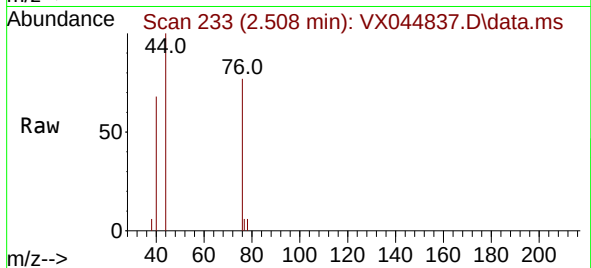
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 39.1 24.6 37.0#



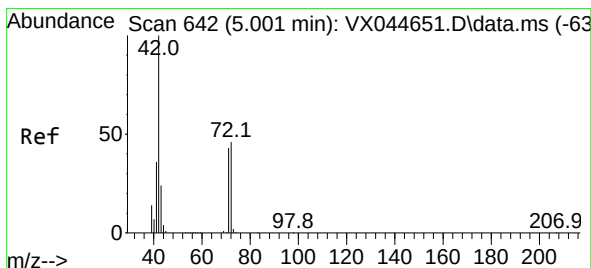
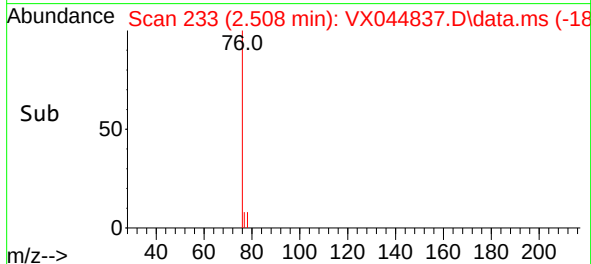
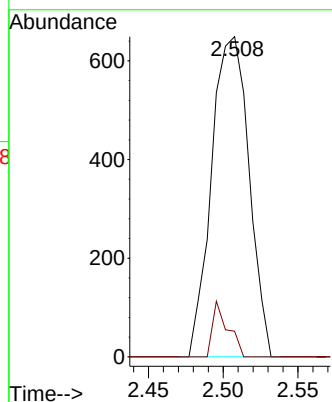


#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :

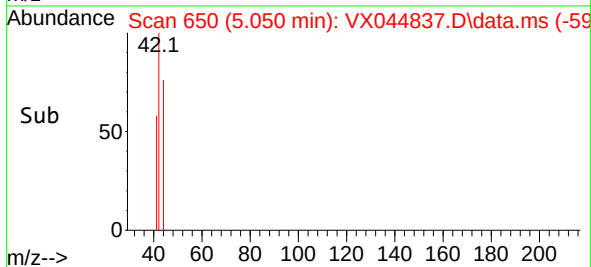
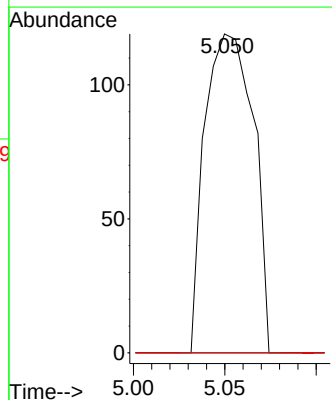
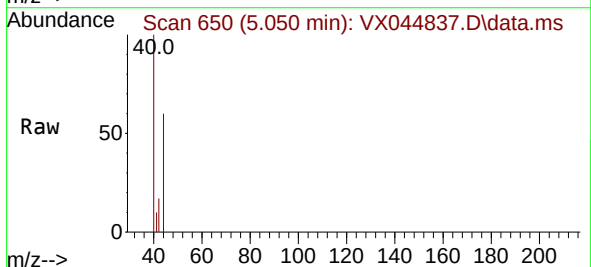


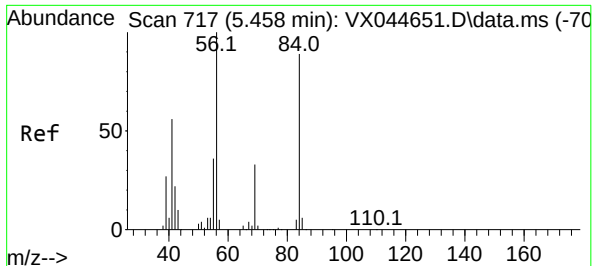
Tgt Ion: 76 Resp: 1130
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#29
Tetrahydrofuran
Concen: 0.383 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

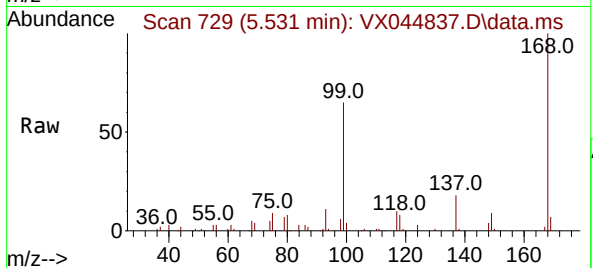
Tgt Ion: 42 Resp: 220
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 0.0 35.3 52.9#



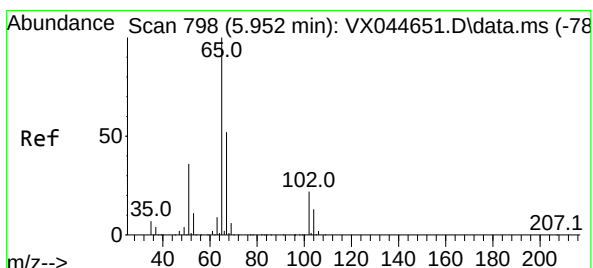
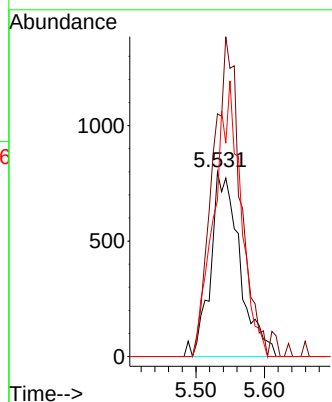
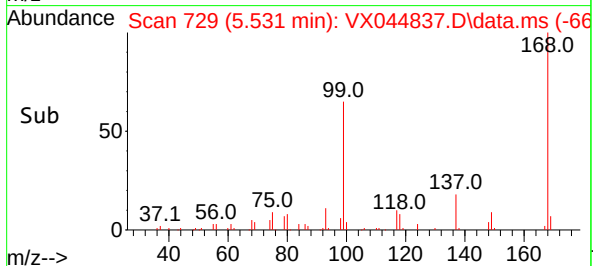


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :

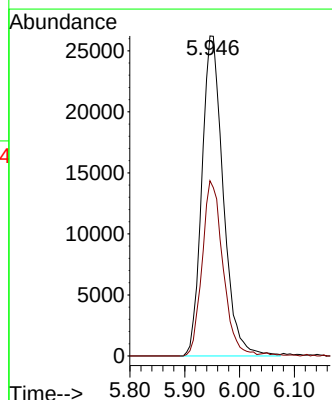
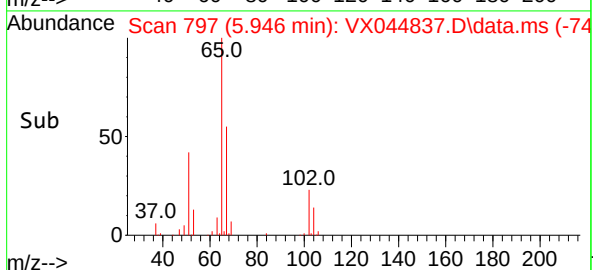
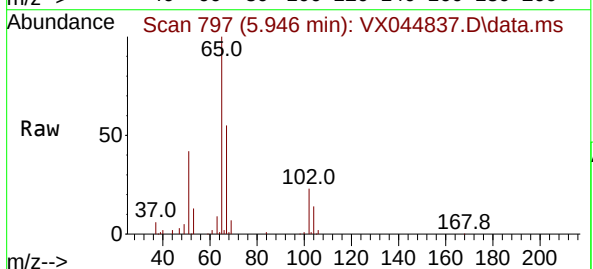


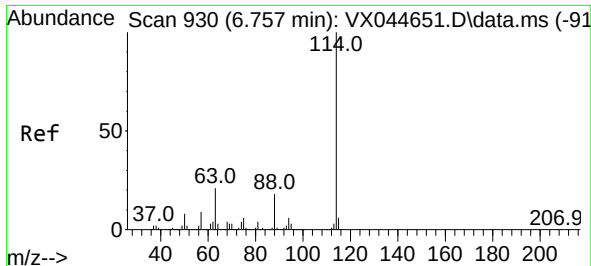
Tgt Ion: 56 Resp: 2356
Ion Ratio Lower Upper
56 100
69 131.5 26.8 40.2#
84 84.7 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 46.878 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

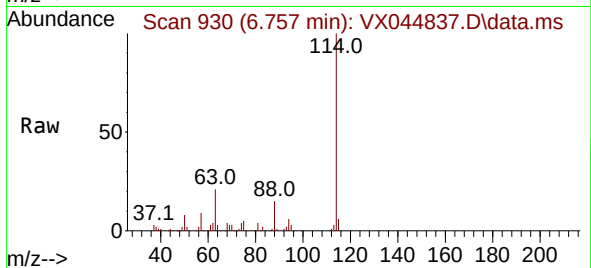
Tgt Ion: 65 Resp: 71036
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4



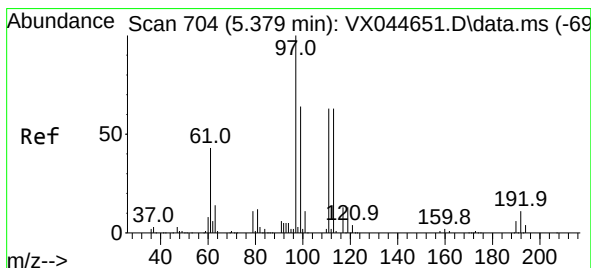
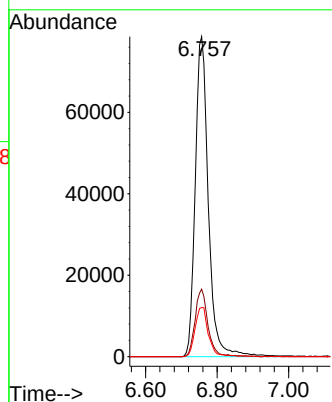
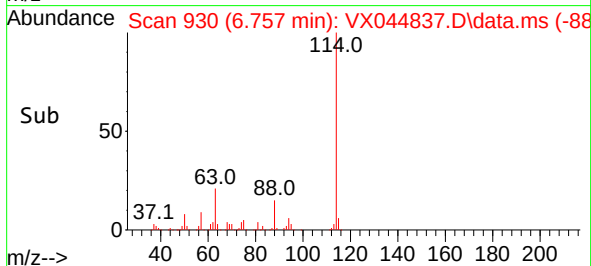


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :

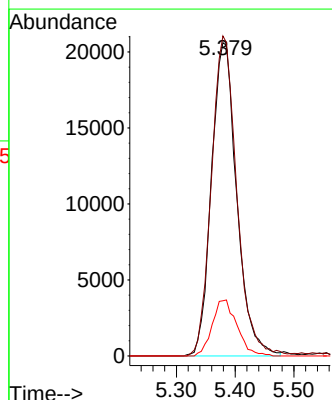
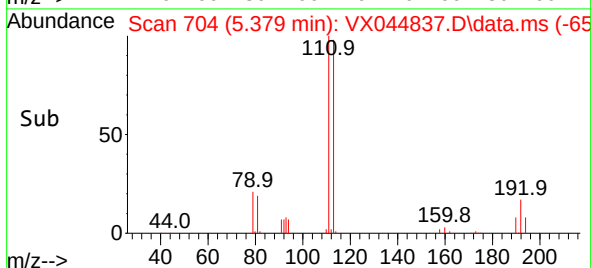
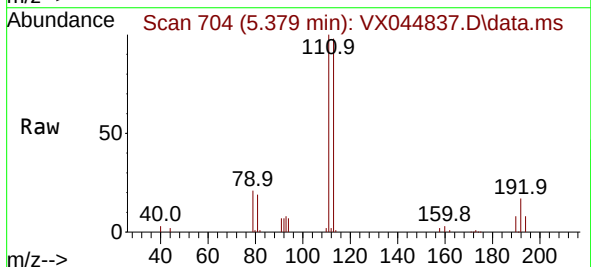


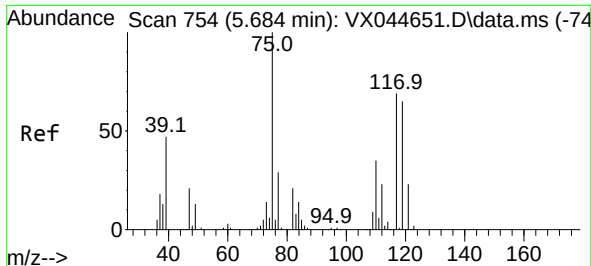
Tgt Ion:114 Resp: 199989
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 15.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion:113 Resp: 61475
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 17.6 14.4 21.6

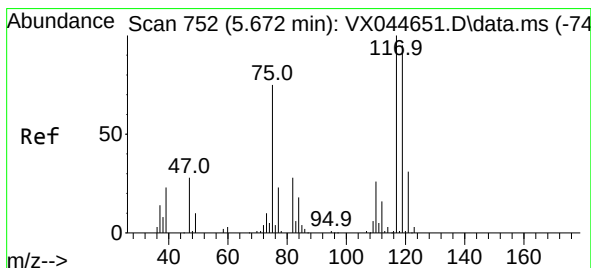
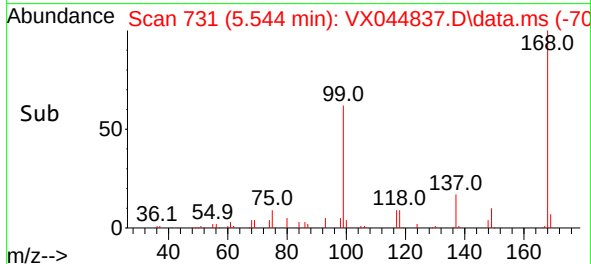
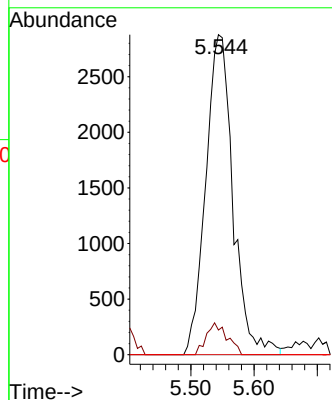
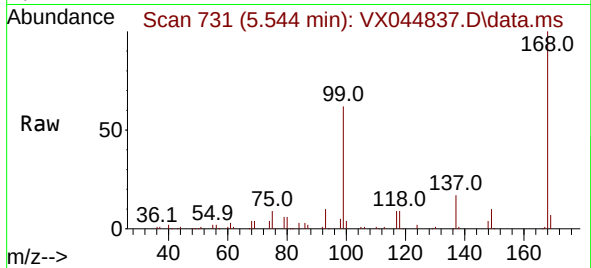




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

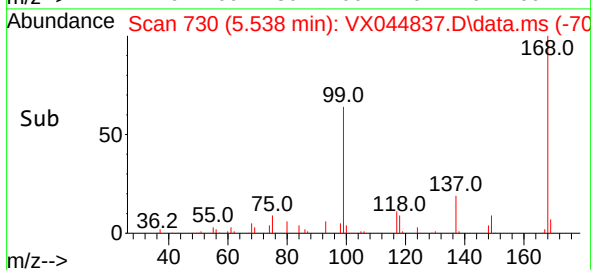
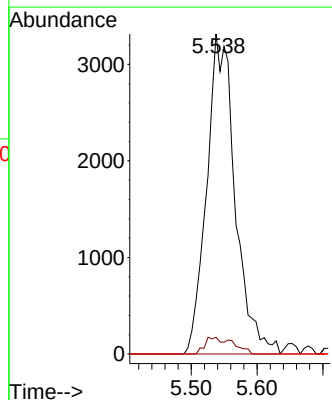
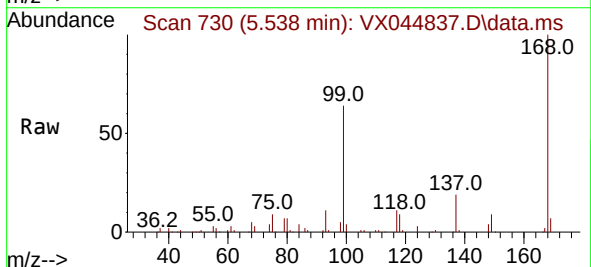
Instrument :
MSVOA_X
ClientSampleId :

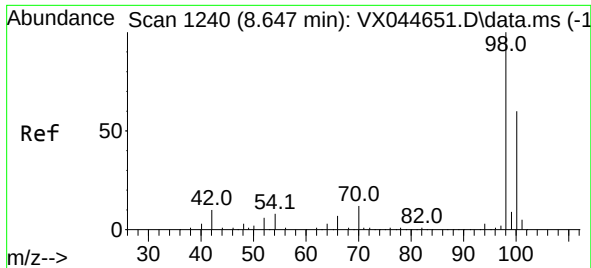
Tgt Ion: 75 Resp: 8627
Ion Ratio Lower Upper
75 100
110 7.6 17.9 53.8#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion: 117 Resp: 9973
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.6 36.8#

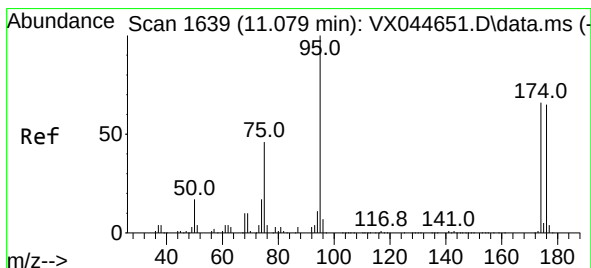
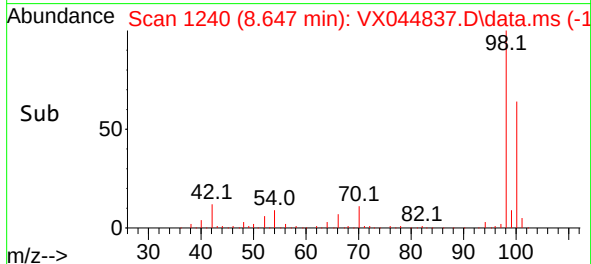
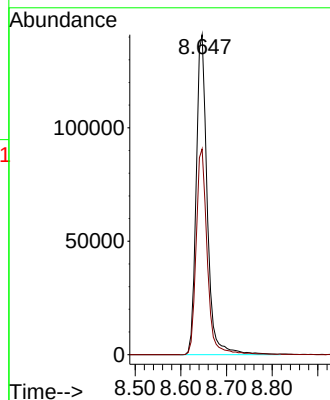
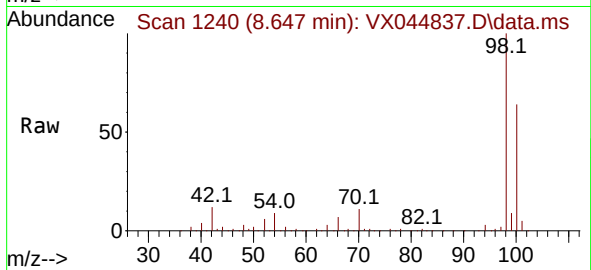




#50
Toluene-d8
Concen: 53.330 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

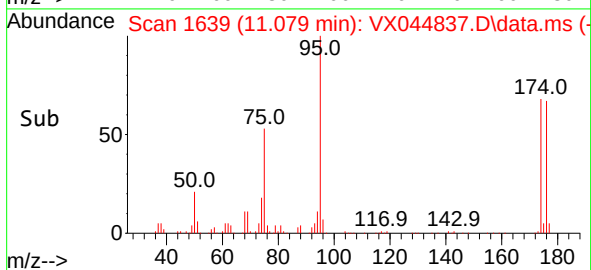
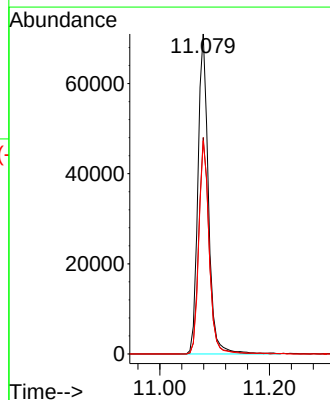
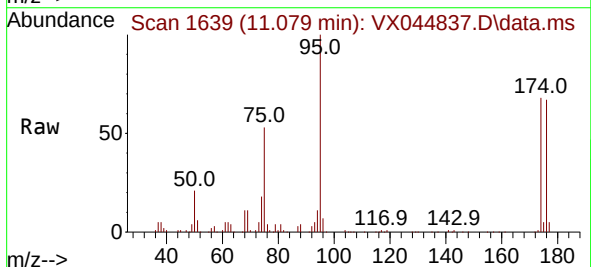
Instrument :
MSVOA_X
ClientSampleId :

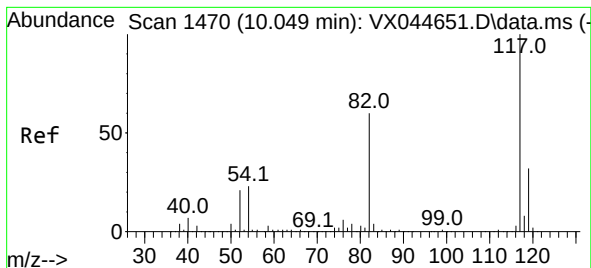
Tgt Ion: 98 Resp: 236249
Ion Ratio Lower Upper
98 100
100 64.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 57.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Tgt Ion: 95 Resp: 94503
Ion Ratio Lower Upper
95 100
174 66.6 0.0 133.0
176 65.5 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: VX044837.D

Acq: 05 Feb 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

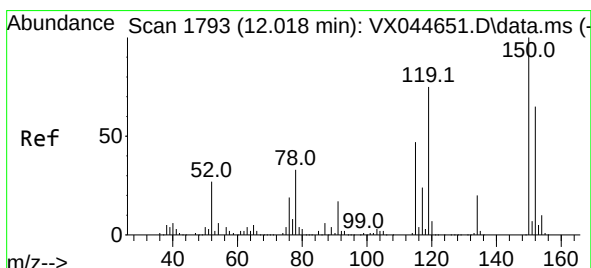
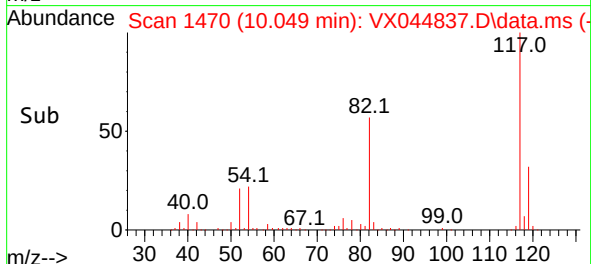
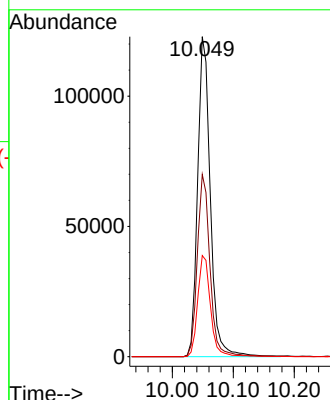
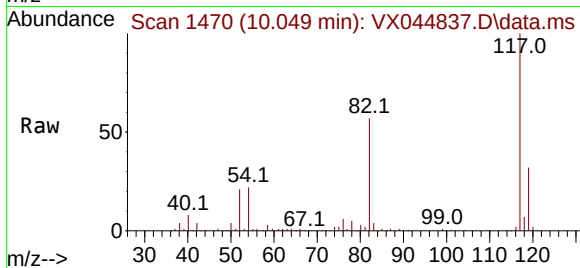
Tgt Ion:117 Resp: 177293

Ion Ratio Lower Upper

117 100

82 57.0 47.6 71.4

119 31.6 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: VX044837.D

Acq: 05 Feb 2025 12:22

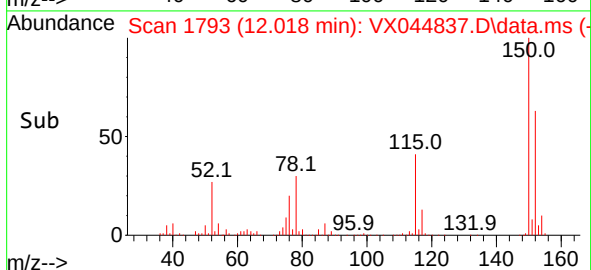
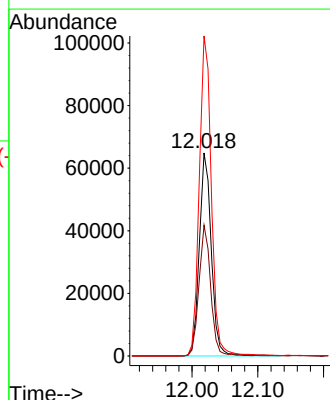
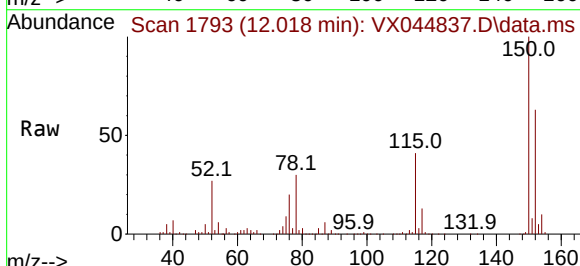
Tgt Ion:152 Resp: 82205

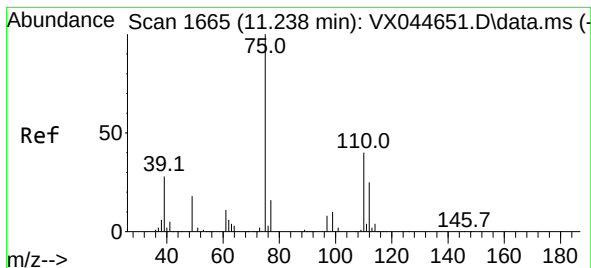
Ion Ratio Lower Upper

152 100

115 62.8 43.8 131.4

150 158.5 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 24.754 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX044837.D

Acq: 05 Feb 2025 12:22

Instrument :

MSVOA_X

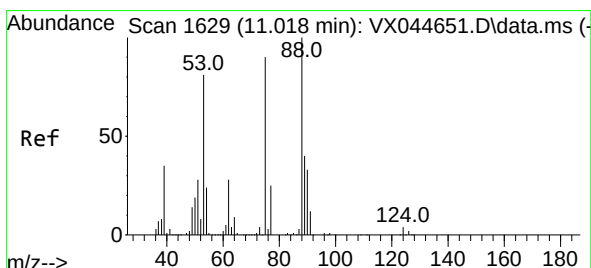
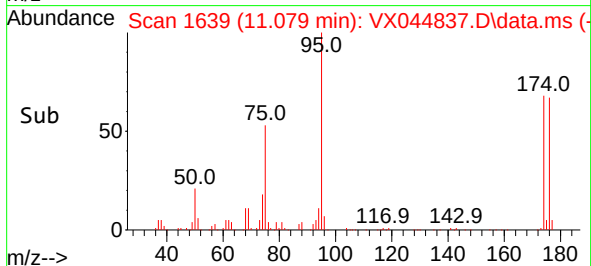
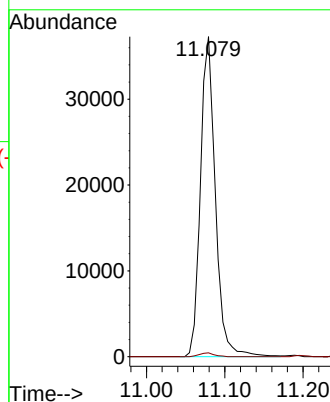
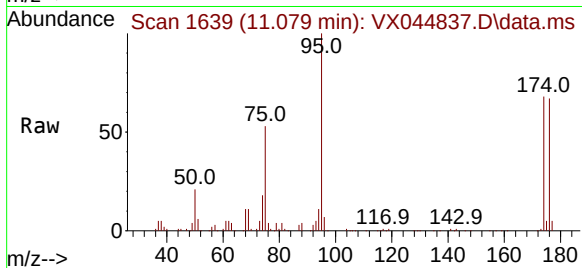
ClientSampleId :

Tgt Ion: 75 Resp: 49385

Ion Ratio Lower Upper

75 100

77 1.2 23.4 70.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044837.D

Acq: 05 Feb 2025 12:22

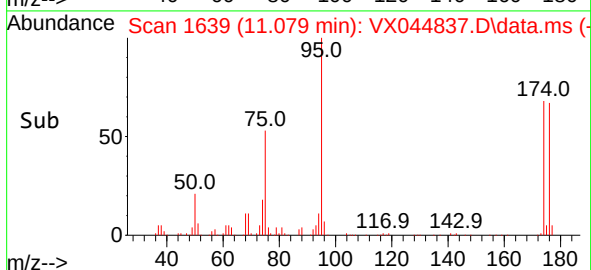
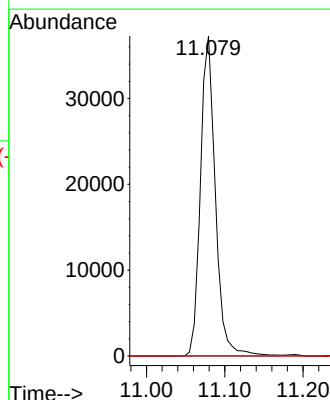
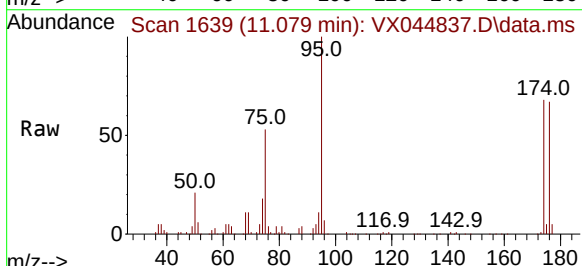
Tgt Ion: 75 Resp: 49385

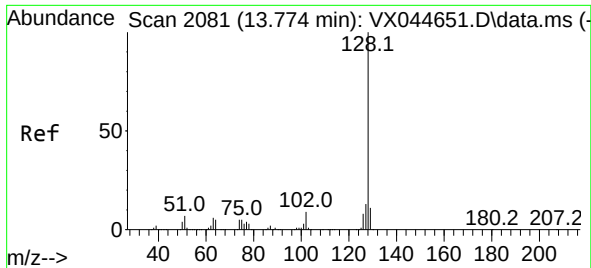
Ion Ratio Lower Upper

75 100

53 0.0 74.3 111.5#

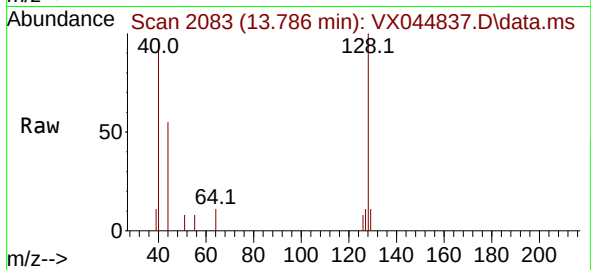
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.270 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044837.D
Acq: 05 Feb 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1743
Ion Ratio	100	Lower	Upper
127	5.0	10.3	15.5#
129	8.7	8.7	13.1

