

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044843.D
 Acq On : 05 Feb 2025 15:04
 Operator : JC/MD
 Sample : Q1268-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

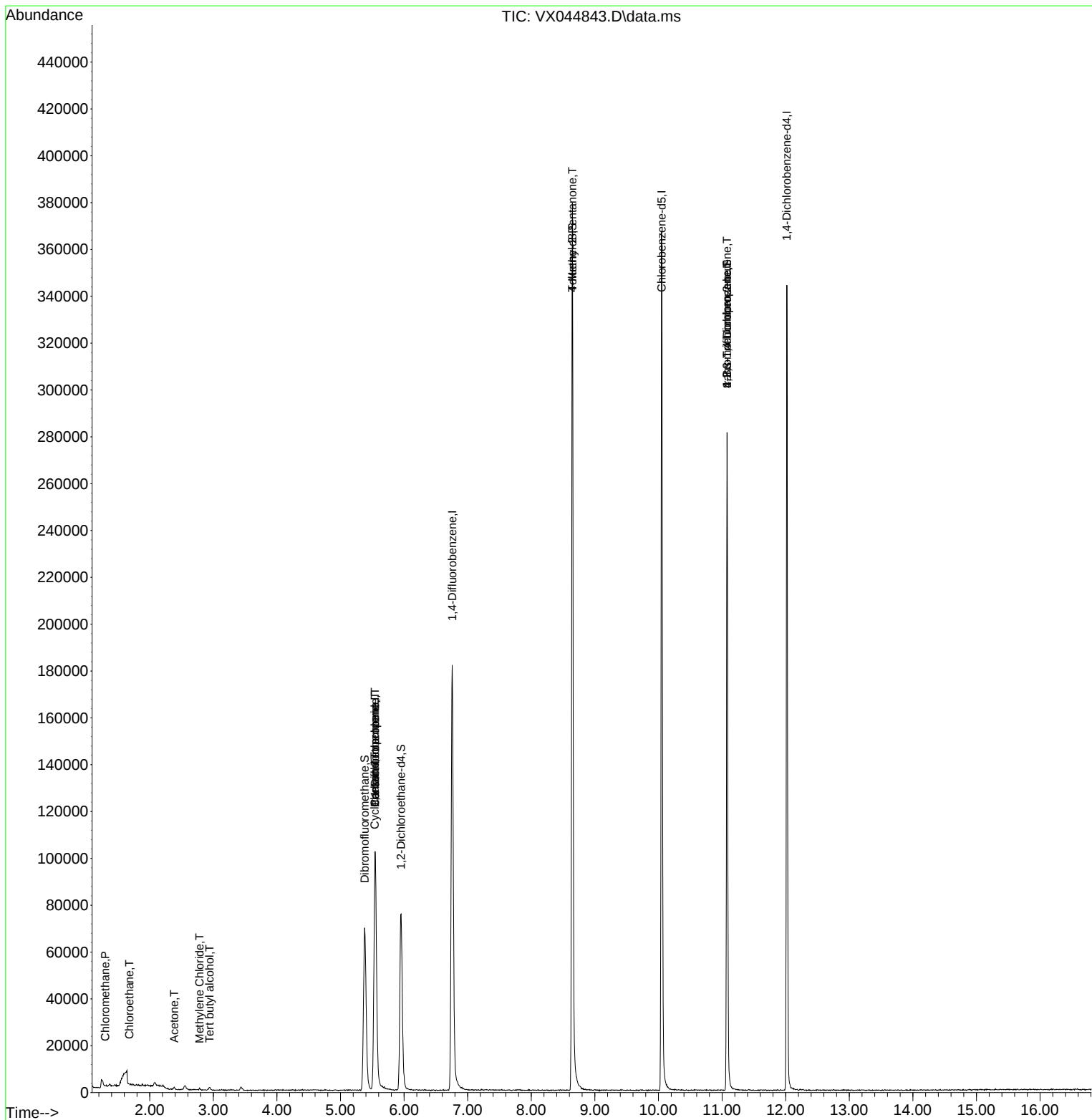
Quant Time: Feb 06 04:39:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71740	49.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	5.379	113	62279	50.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	8.647	98	235058	54.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.320%
62) 4-Bromofluorobenzene	11.079	95	78029	48.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	517	0.367	ug/l	93
6) Chloroethane	1.678	64	113	0.442	ug/l #	41
11) Tert butyl alcohol	2.940	59	608	1.865	ug/l #	85
16) Acetone	2.386	43	1238	2.140	ug/l #	76
20) Methylene Chloride	2.782	84	306	0.227	ug/l #	71
31) Cyclohexane	5.537	56	2335	1.268	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	8474	4.936	ug/l #	48
38) Carbon Tetrachloride	5.544	117	9932	5.143	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1115	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39839	24.019	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	39839	54.928	ug/l #	12

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

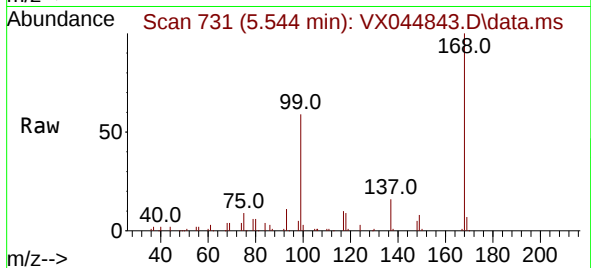
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



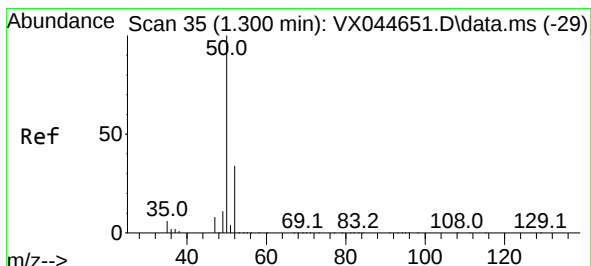
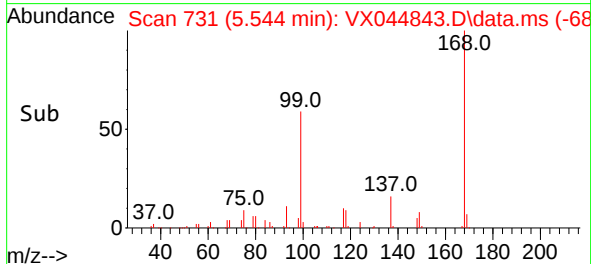
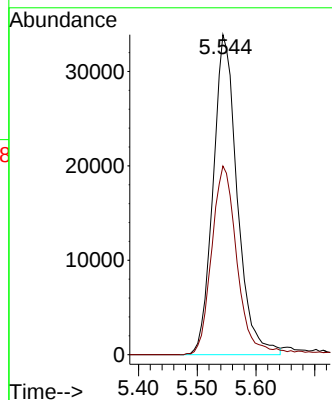


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :

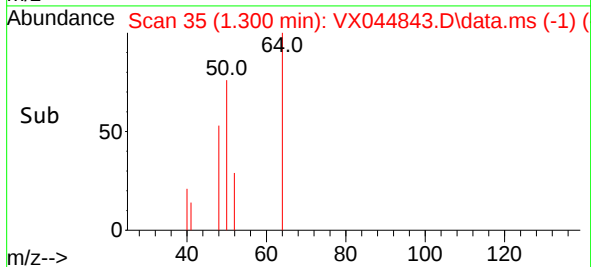
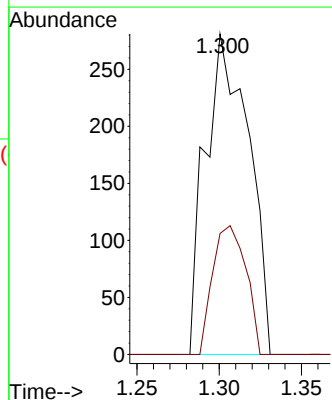
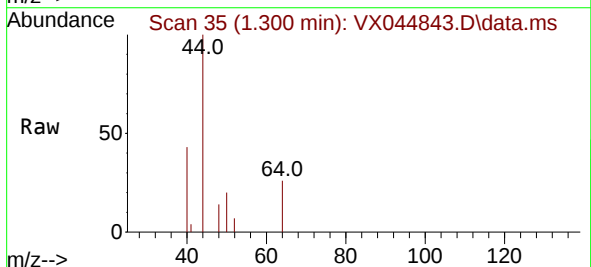


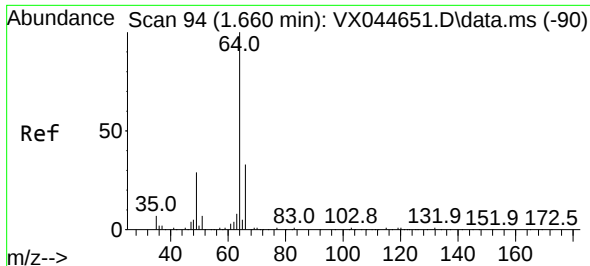
Tgt Ion:168 Resp: 96878
Ion Ratio Lower Upper
168 100
99 59.0 51.1 76.7



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 37.7 27.0 40.4

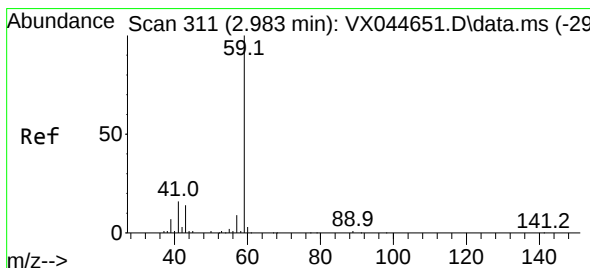
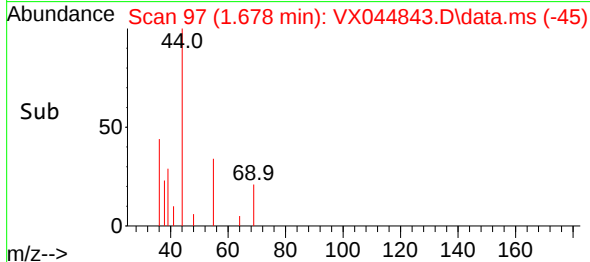
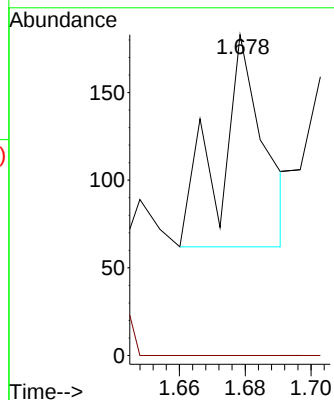
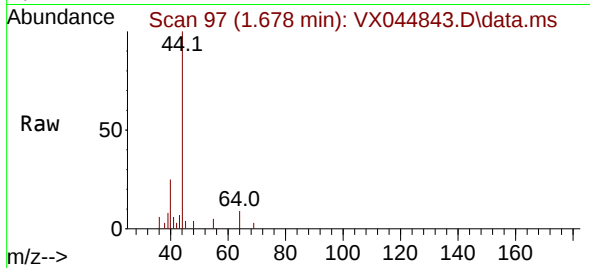




#6
Chloroethane
Concen: 0.442 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

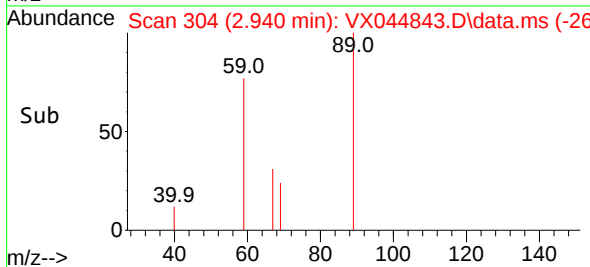
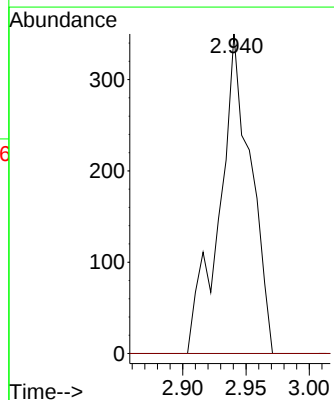
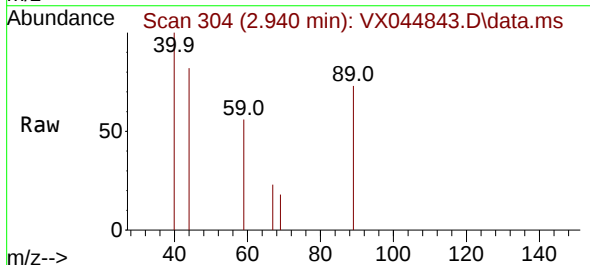
Instrument :
MSVOA_X
ClientSampleId :

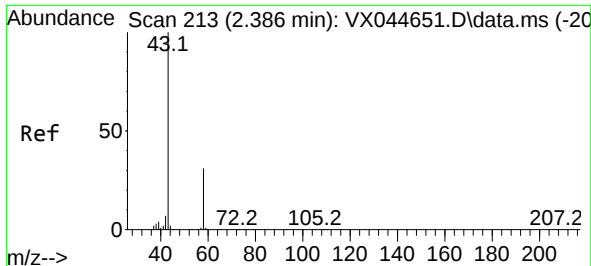
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.865 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

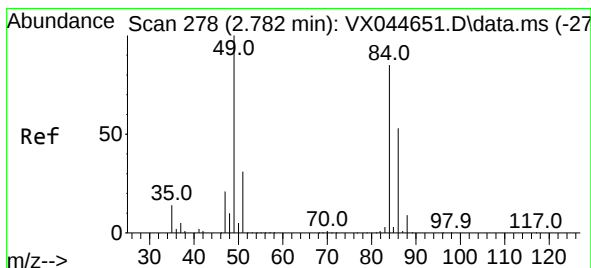
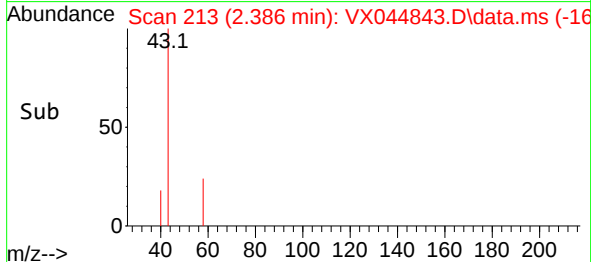
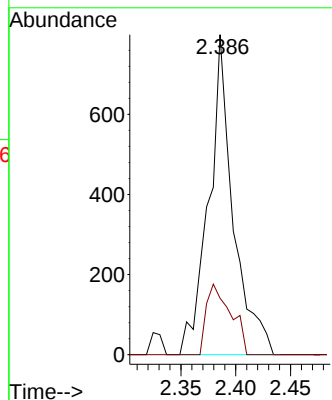
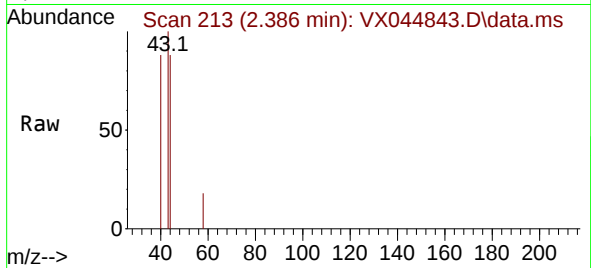




#16
Acetone
Concen: 2.140 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

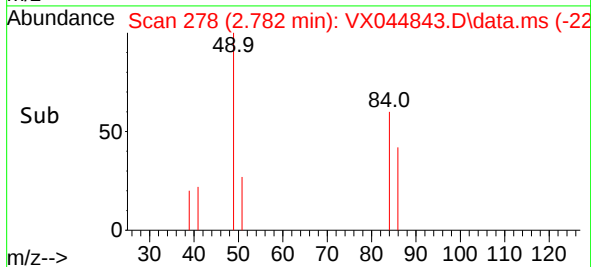
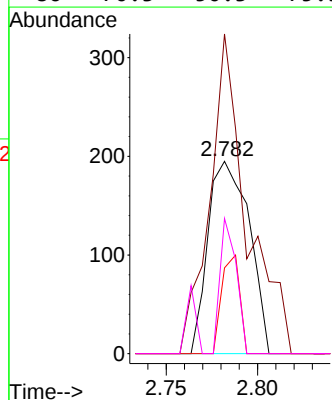
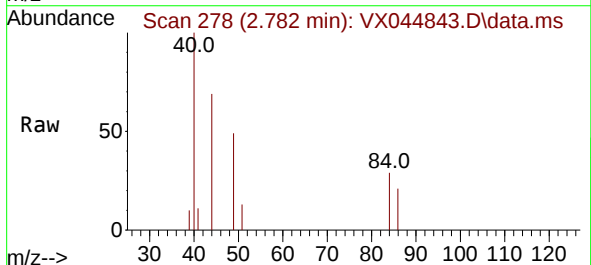
Instrument :
MSVOA_X
ClientSampleId :

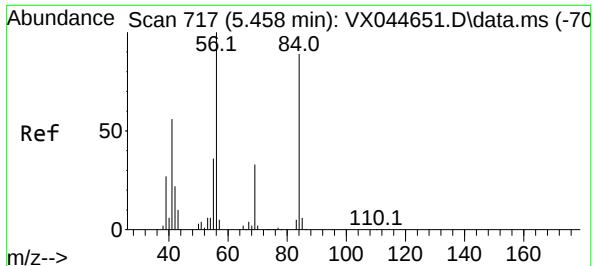
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 17.6 24.6 37.0#



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

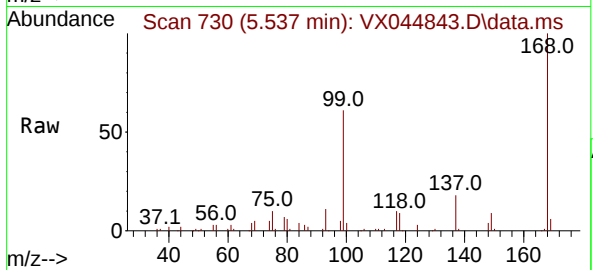
Tgt Ion: 84 Resp: 306
Ion Ratio Lower Upper
84 100
49 166.2 94.2 141.4#
51 44.6 28.8 43.2#
86 70.3 50.3 75.5



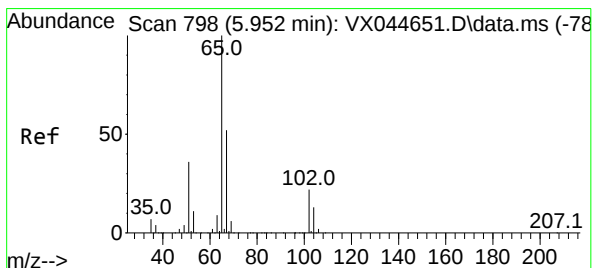
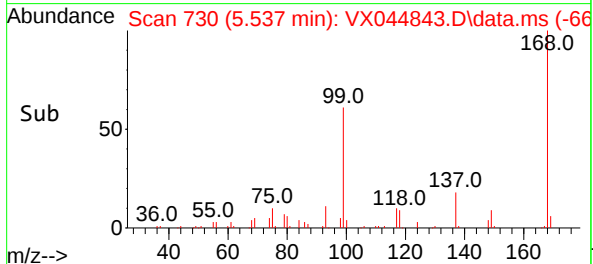
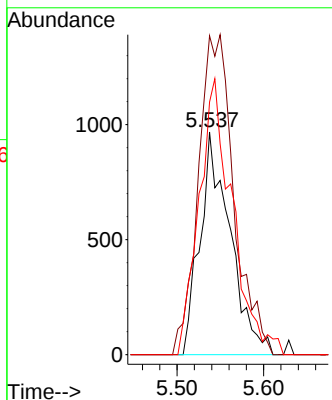


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :

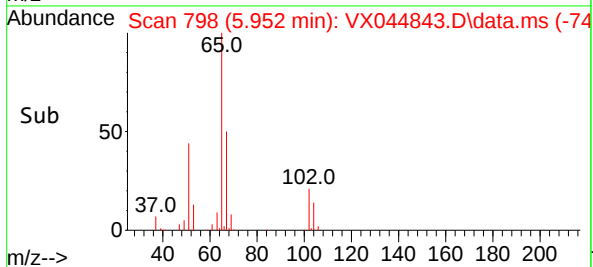
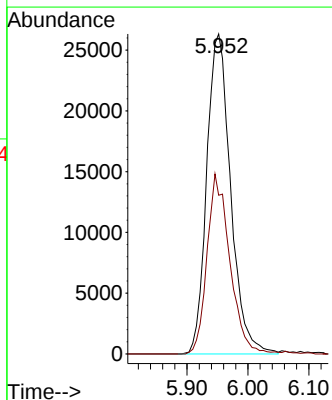
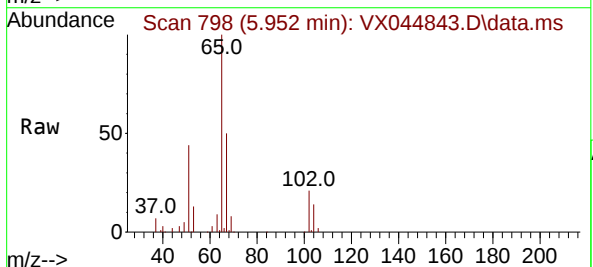


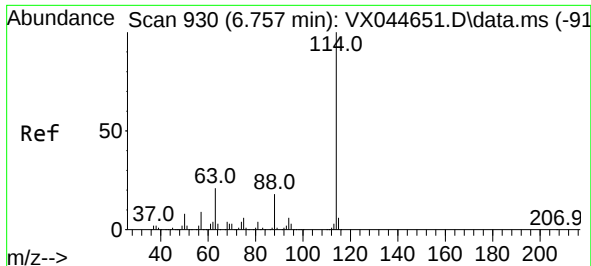
Tgt Ion: 56 Resp: 2335
Ion Ratio Lower Upper
56 100
69 143.2 26.8 40.2#
84 113.4 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 49.060 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 65 Resp: 71740
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.4

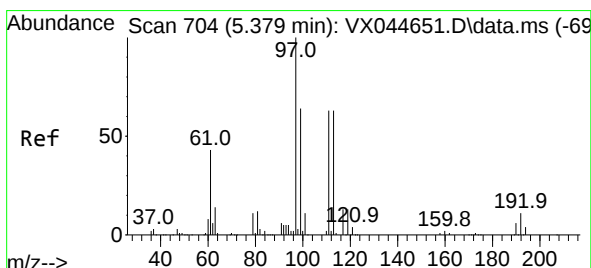
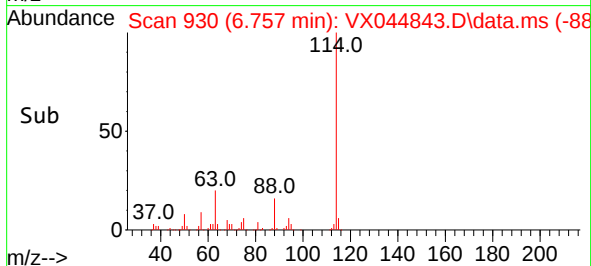
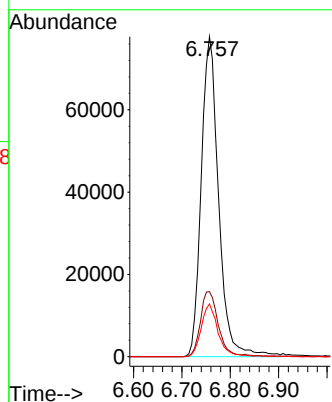
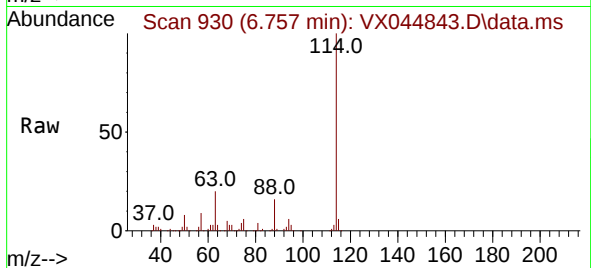




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

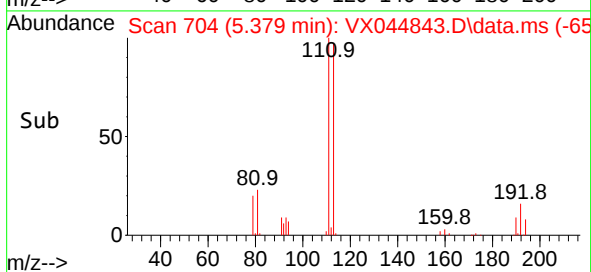
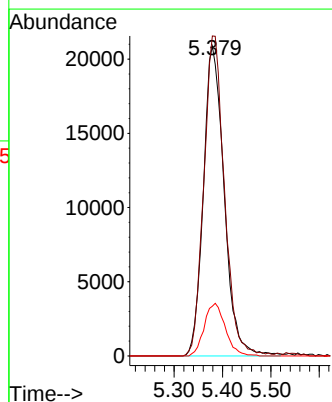
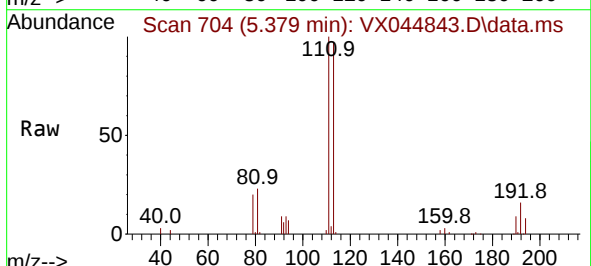
Instrument :
MSVOA_X
ClientSampleId :

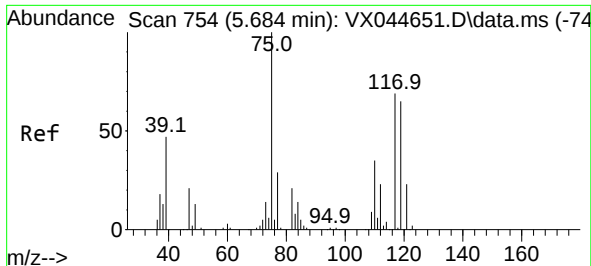
Tgt Ion:114 Resp: 194124
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.0
88 16.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.500 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

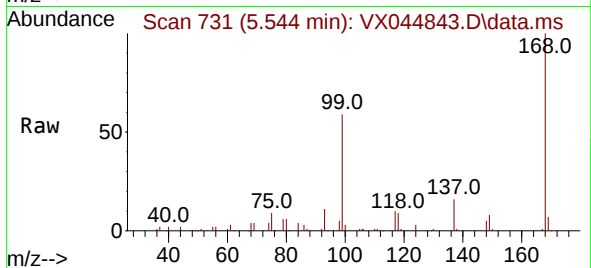
Tgt Ion:113 Resp: 62279
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 17.3 14.4 21.6



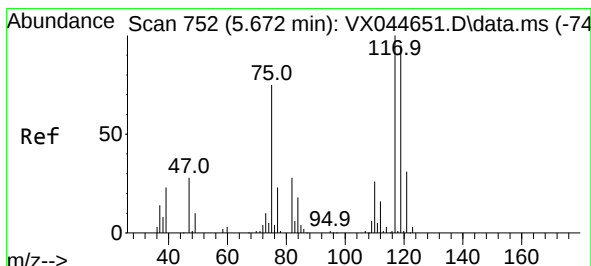
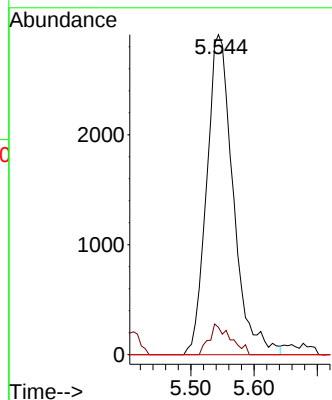
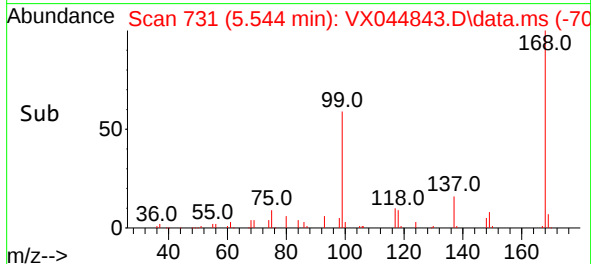


#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

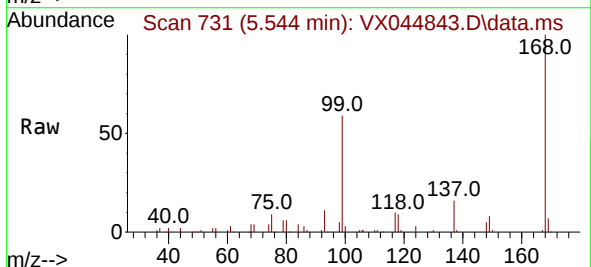
Instrument :
MSVOA_X
ClientSampleId :



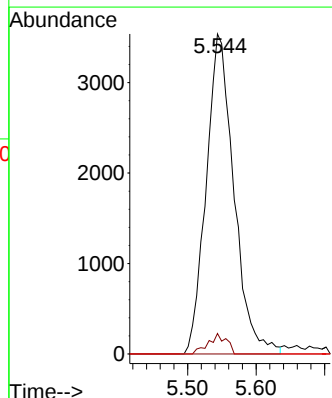
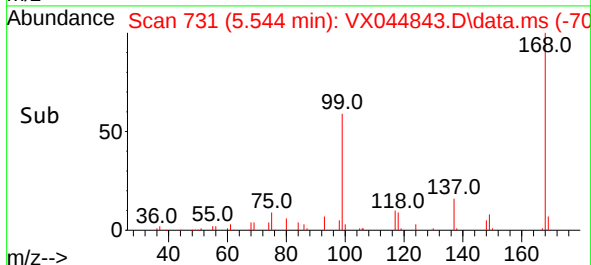
Tgt Ion: 75 Resp: 8474
Ion Ratio Lower Upper
75 100
110 7.7 17.9 53.8#
77 0.0 24.5 36.7#

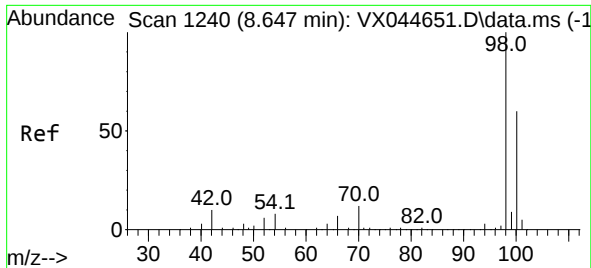


#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04



Tgt Ion: 117 Resp: 9932
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.6 36.8#

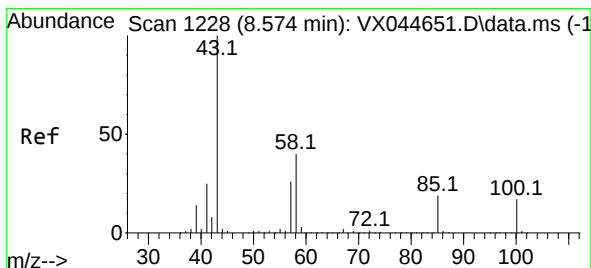
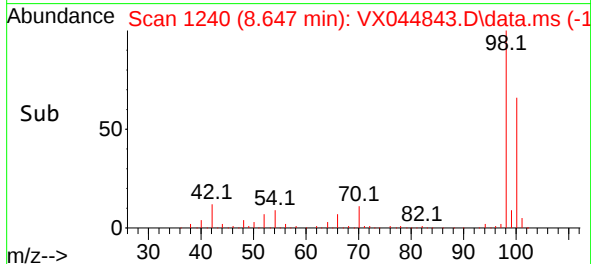
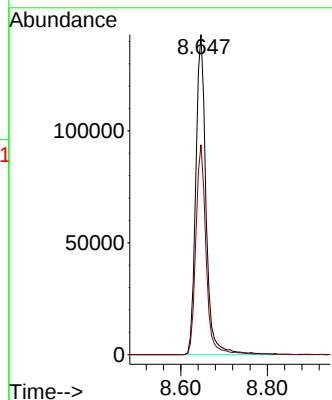
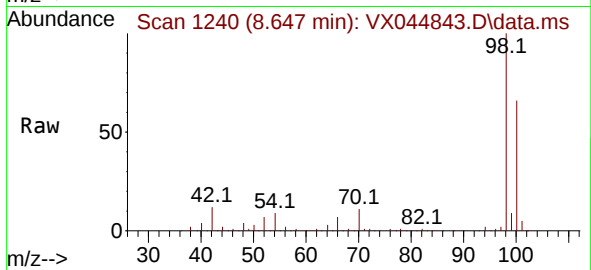




#50
Toluene-d8
Concen: 54.664 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

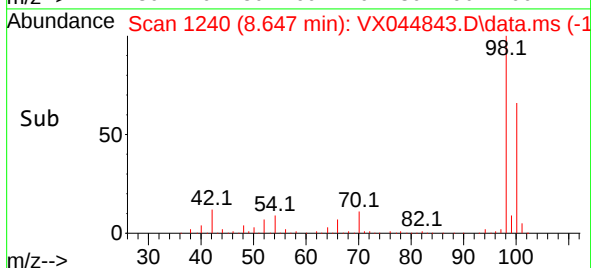
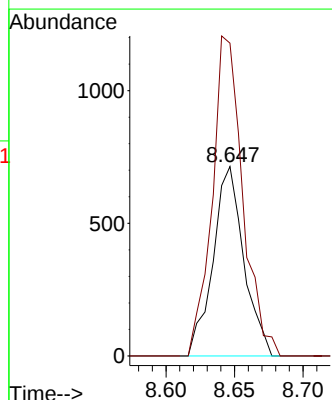
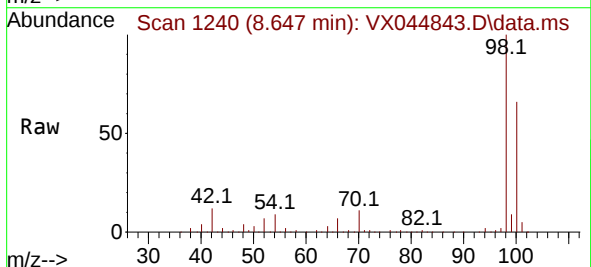
Instrument :
MSVOA_X
ClientSampleId :

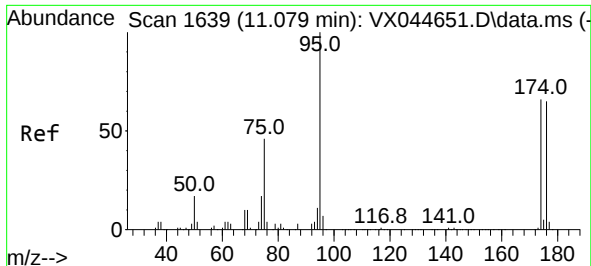
Tgt Ion: 98 Resp: 235058
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 167.9 31.9 47.9

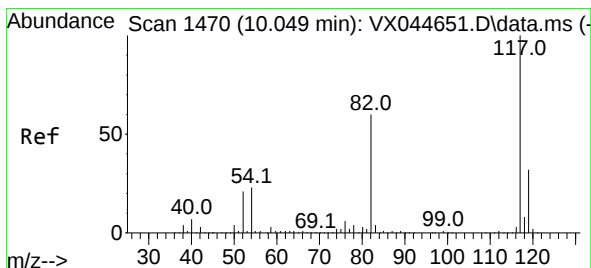
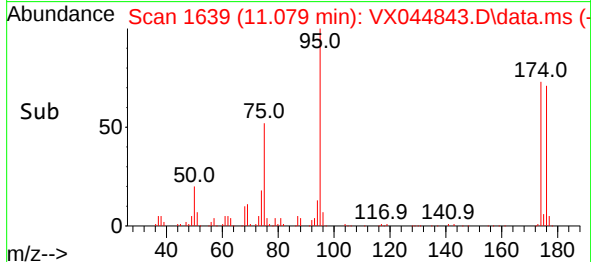
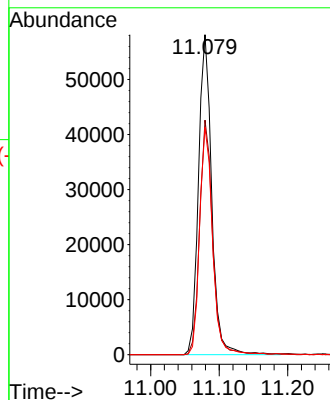
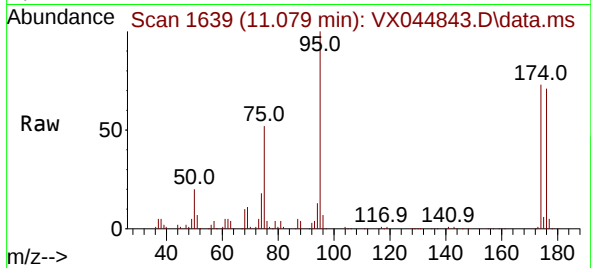




#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

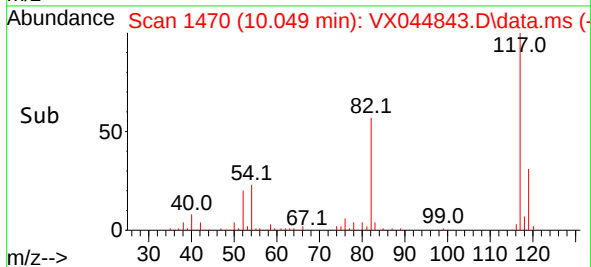
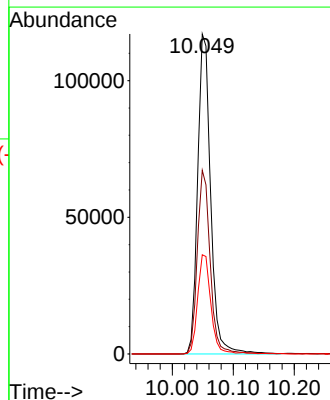
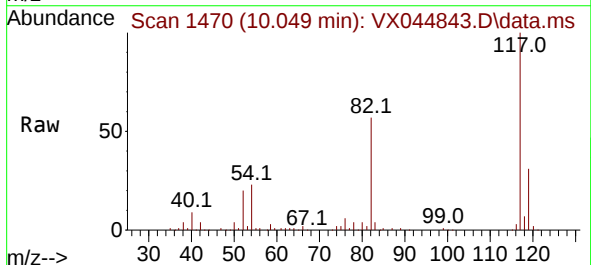
Instrument :
MSVOA_X
ClientSampleId :

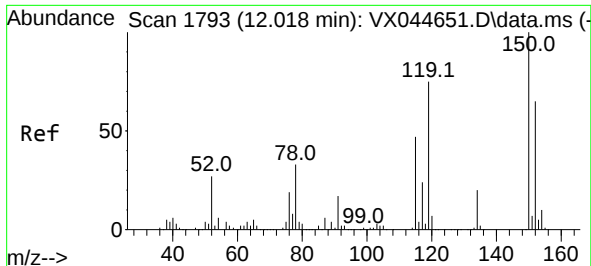
Tgt Ion: 95 Resp: 78029
Ion Ratio Lower Upper
95 100
174 72.1 0.0 133.0
176 69.9 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 117 Resp: 173214
Ion Ratio Lower Upper
117 100
82 57.4 47.6 71.4
119 31.0 25.4 38.2

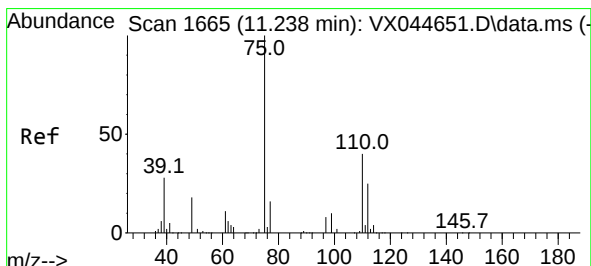
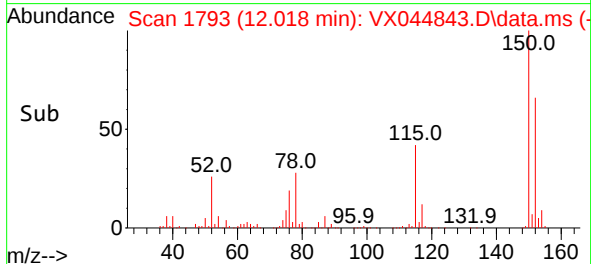
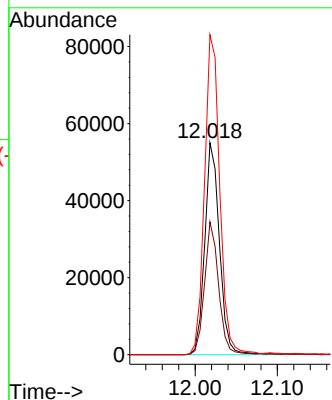
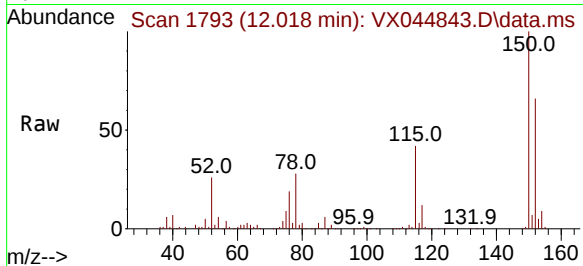




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044843.D
 Acq: 05 Feb 2025 15:04

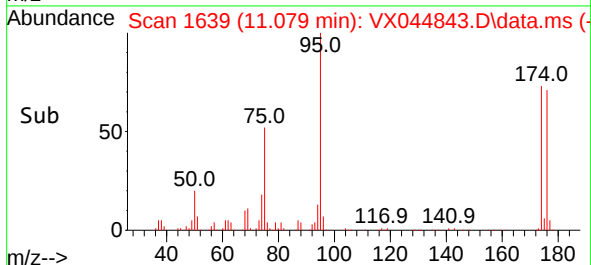
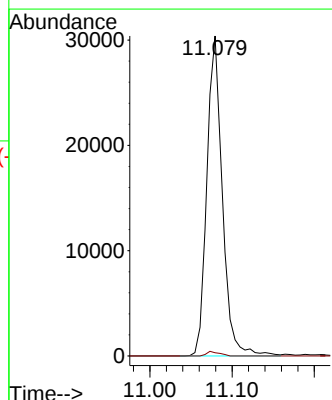
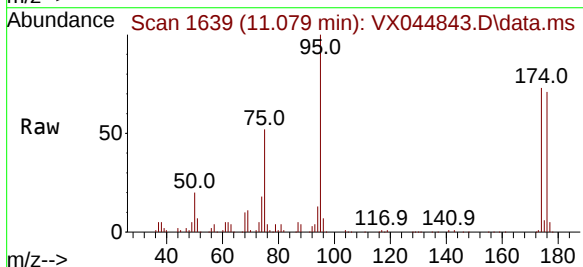
Instrument :
 MSVOA_X
 ClientSampleId :

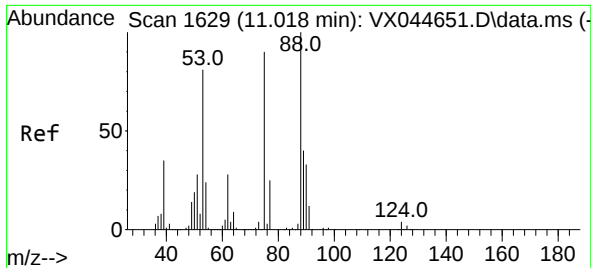
Tgt Ion:152 Resp: 68345
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.8 131.4
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 24.019 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044843.D
 Acq: 05 Feb 2025 15:04

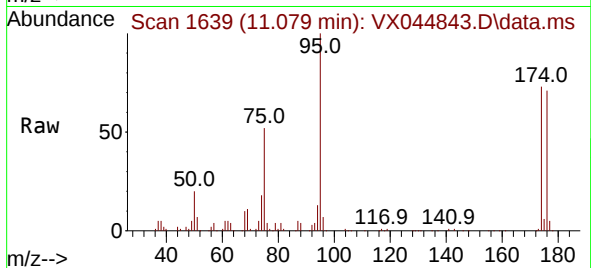
Tgt Ion: 75 Resp: 39839
 Ion Ratio Lower Upper
 75 100
 77 1.1 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.928 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 39839
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

