

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044945.D
 Acq On : 12 Feb 2025 19:48
 Operator : JC/MD
 Sample : Q1356-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:54:55 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)

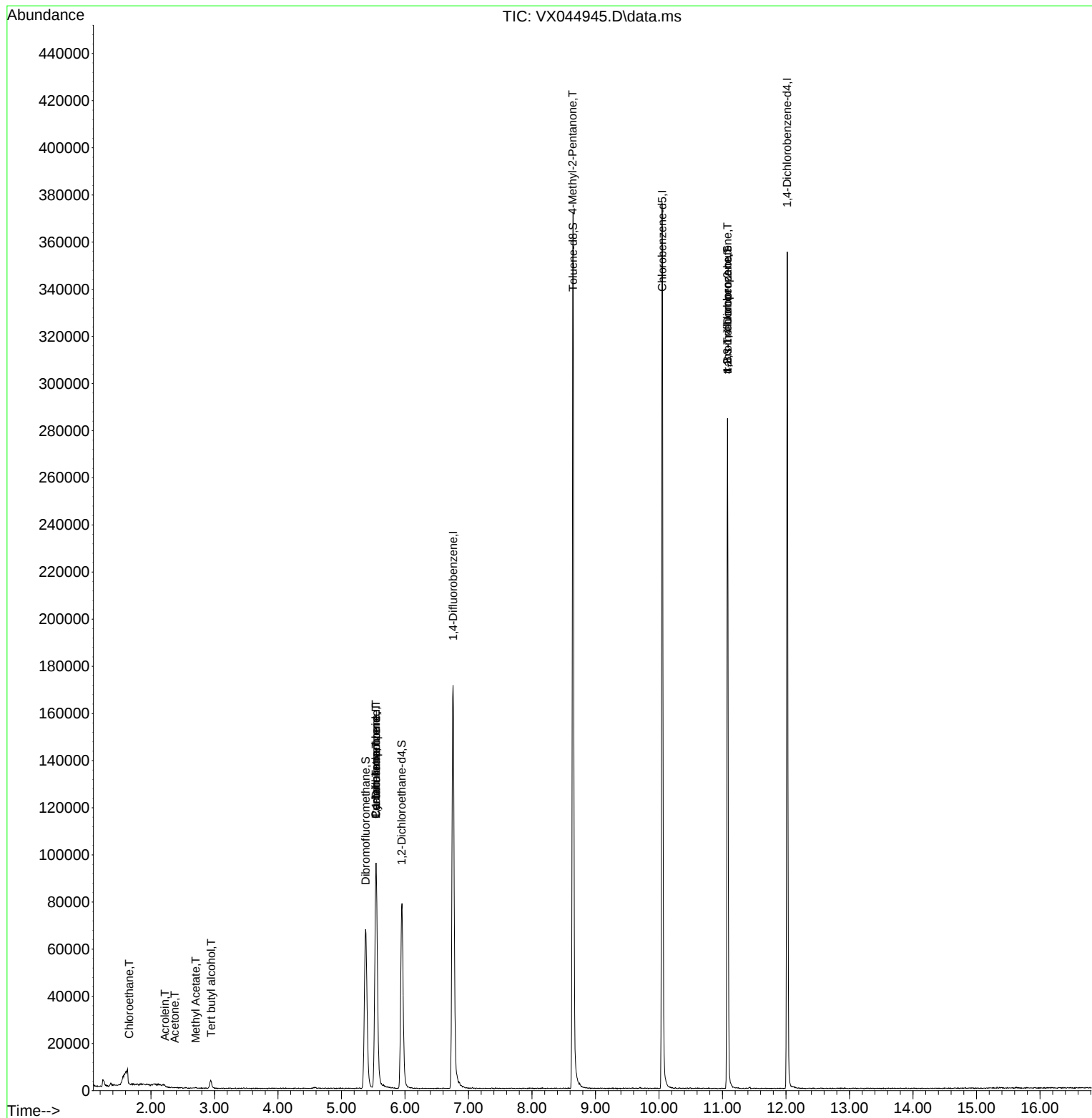
Internal Standards						
1) Pentafluorobenzene	5.544	168	91004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73663	55.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.600%	
35) Dibromofluoromethane	5.379	113	61114	50.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.860%	
50) Toluene-d8	8.647	98	226342	49.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.079	95	77602	50.231	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.460%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	106	1.487	ug/l #	42
11) Tert butyl alcohol	2.947	59	1931	7.814	ug/l #	77
13) Acrolein	2.221	56	74	0.290	ug/l #	15
16) Acetone	2.374	43	271	0.506	ug/l #	42
18) Methyl Acetate	2.703	43	376	0.222	ug/l #	63
31) Cyclohexane	5.544	56	2257	1.091	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	7977	4.562	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9730	5.679	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1077	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41062	26.752	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	41062	68.817	ug/l #	11

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

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Instrument :
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ClientSampleId :

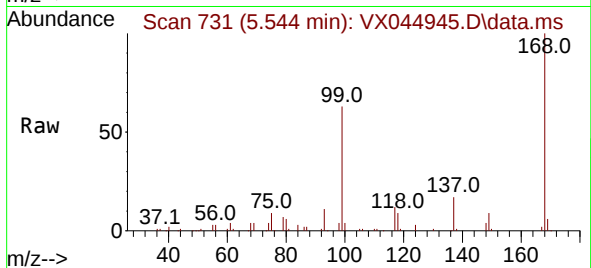
Quant Time: Feb 13 00:54:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



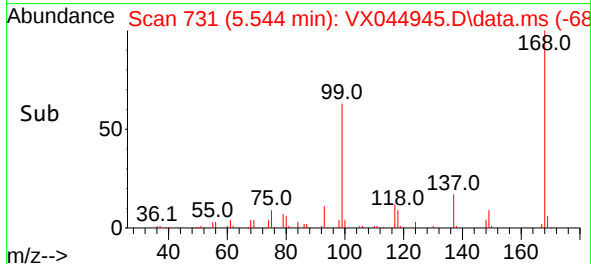
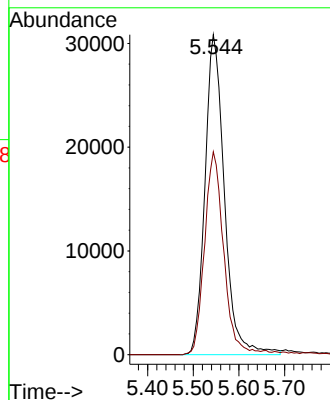


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :

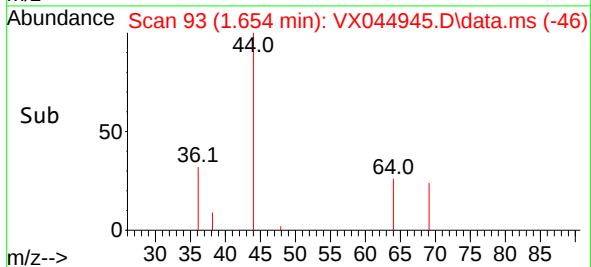
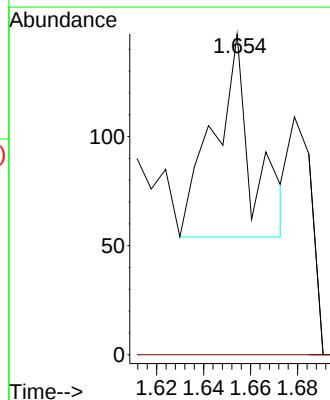
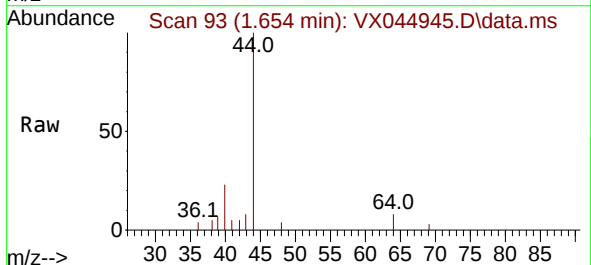


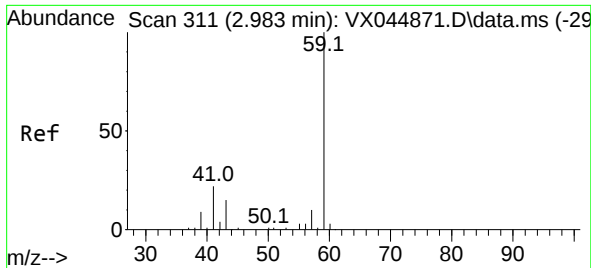
Tgt Ion:168 Resp: 91004
Ion Ratio Lower Upper
168 100
99 63.4 51.2 76.8



#6
Chloroethane
Concen: 1.487 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

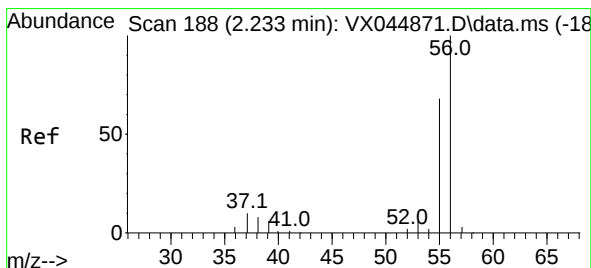
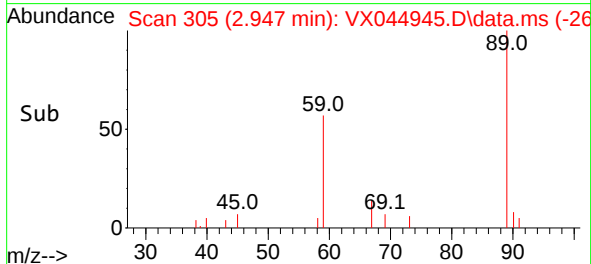
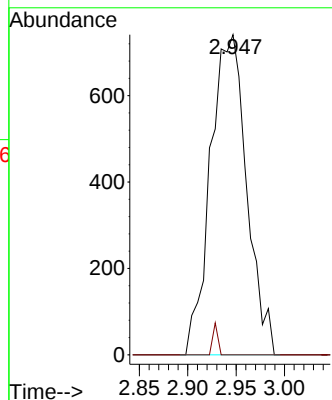
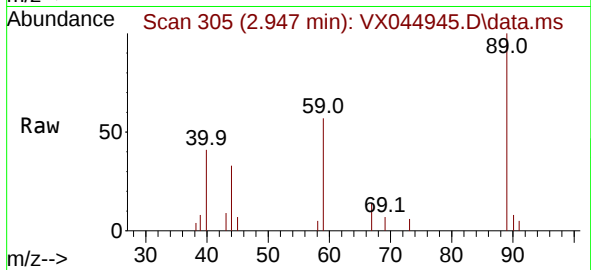




#11
Tert butyl alcohol
Concen: 7.814 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

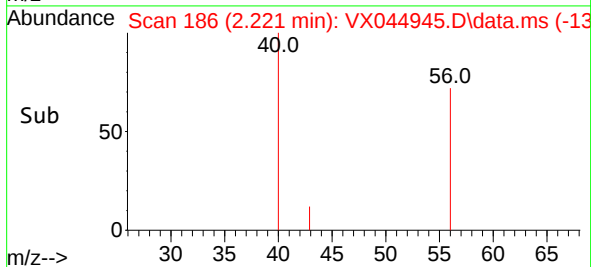
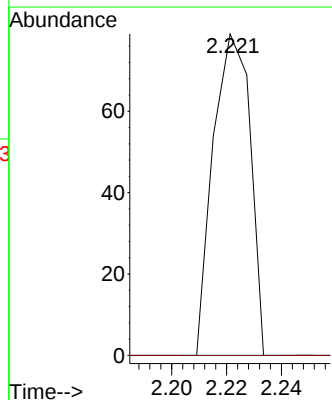
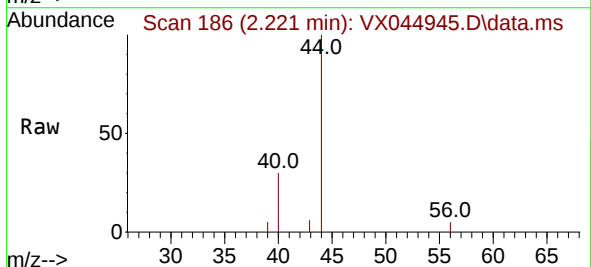
Instrument :
MSVOA_X
ClientSampleId :

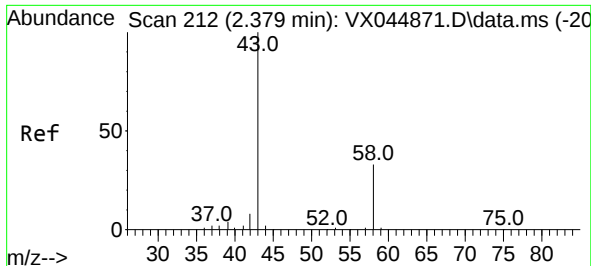
Tgt Ion: 59 Resp: 1931
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#



#13
Acrolein
Concen: 0.290 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

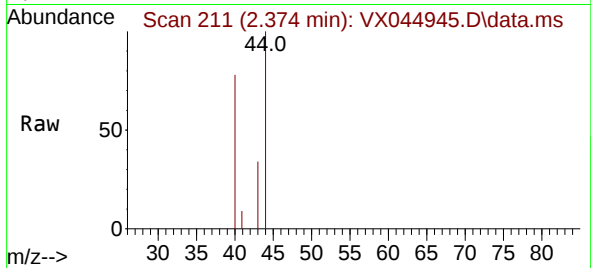
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



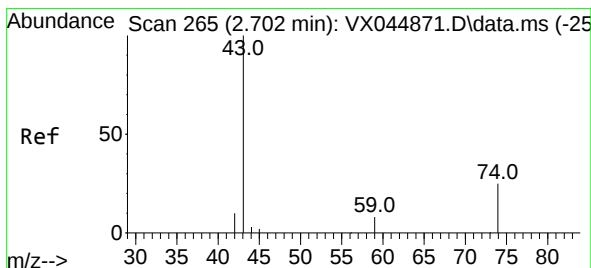
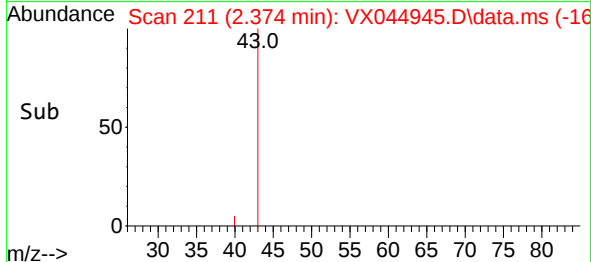
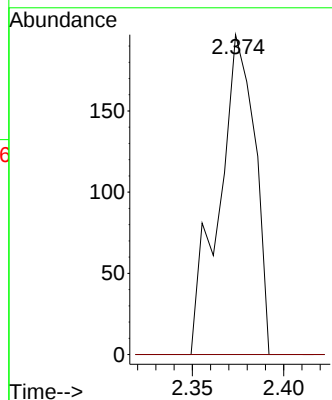


#16
Acetone
Concen: 0.506 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :

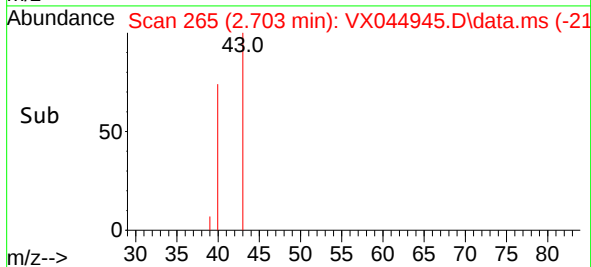
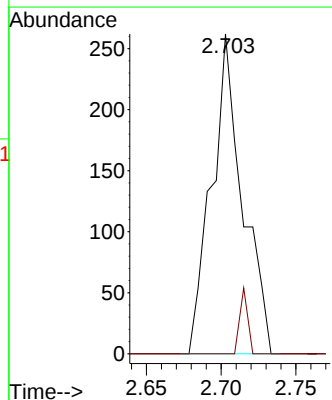
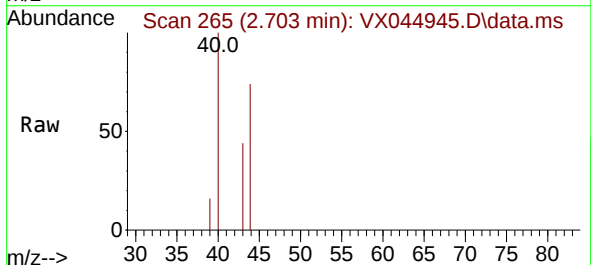


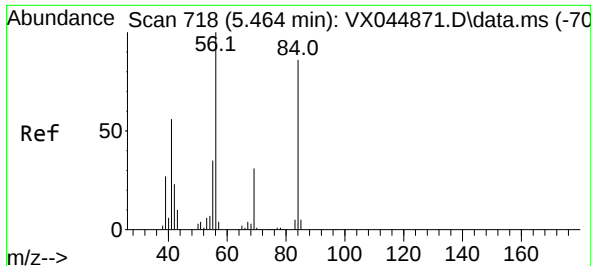
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

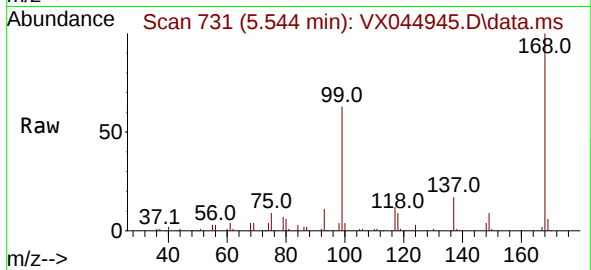
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
74 5.3 18.9 28.3#



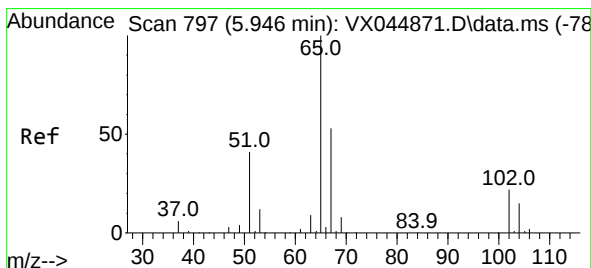
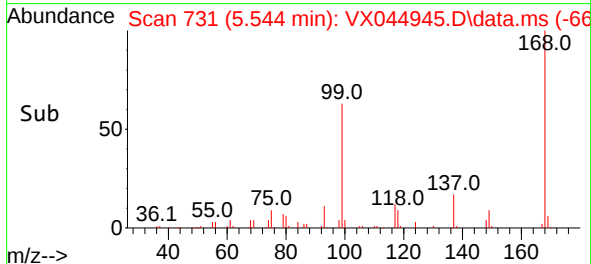
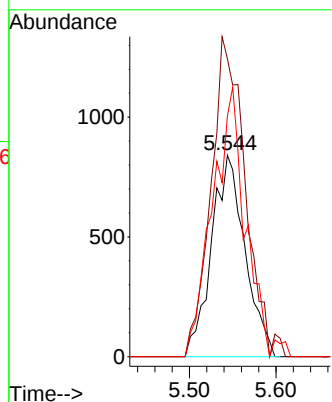


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :

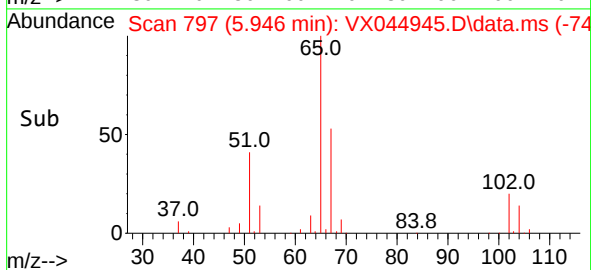
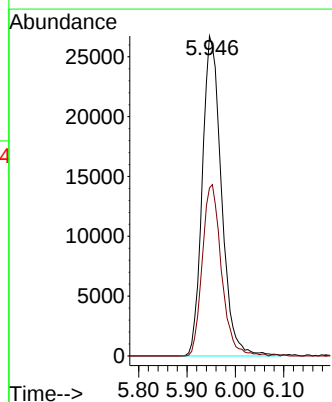
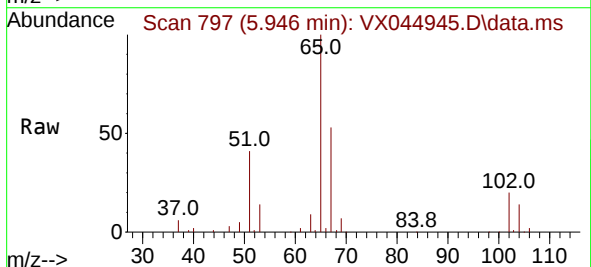


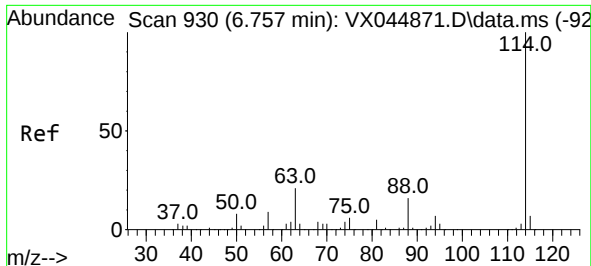
Tgt Ion: 56 Resp: 2257
Ion Ratio Lower Upper
56 100
69 147.9 24.4 36.6#
84 119.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 55.297 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

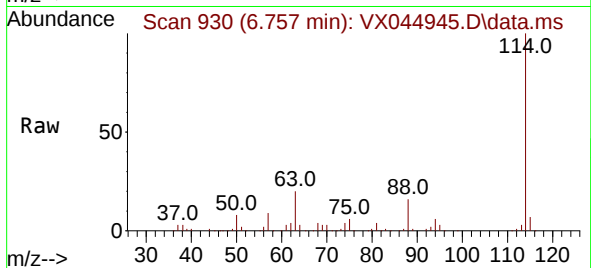
Tgt Ion: 65 Resp: 73663
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2



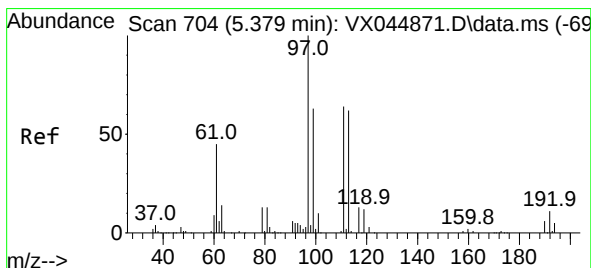
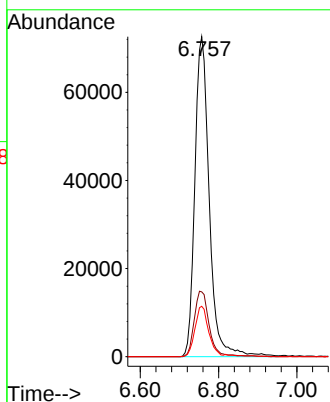
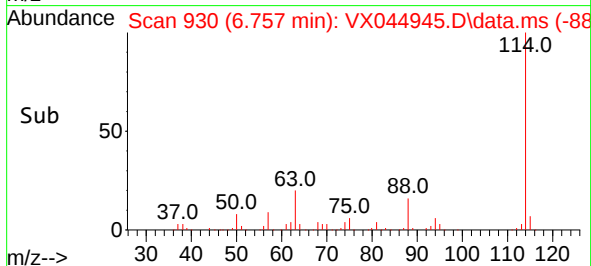


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :

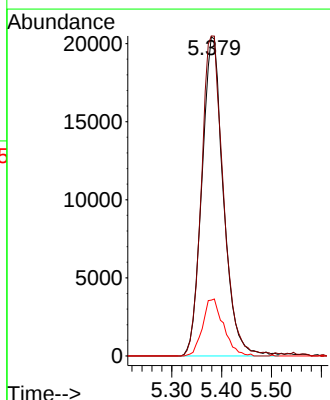
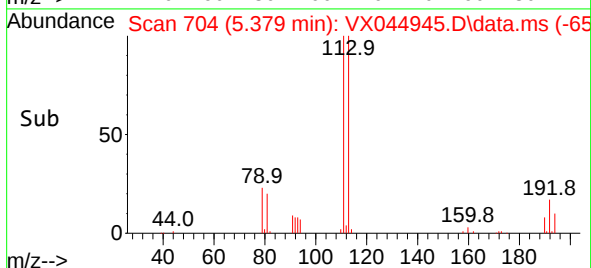
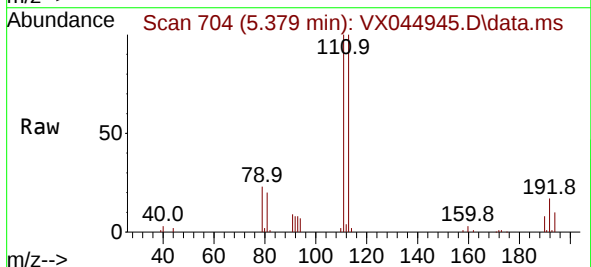


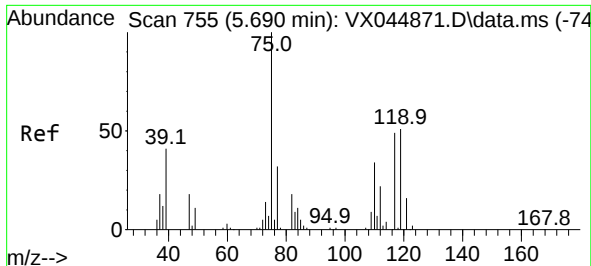
Tgt Ion:114 Resp: 186395
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.429 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Tgt Ion:113 Resp: 61114
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 17.4 14.4 21.6

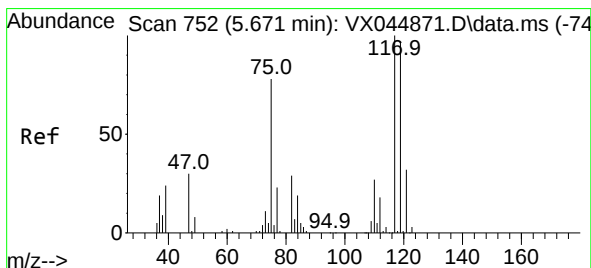
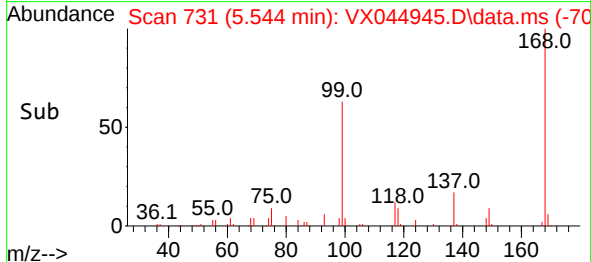
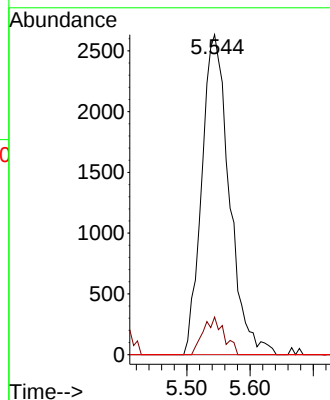
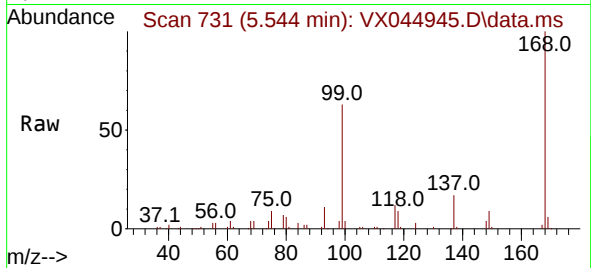




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

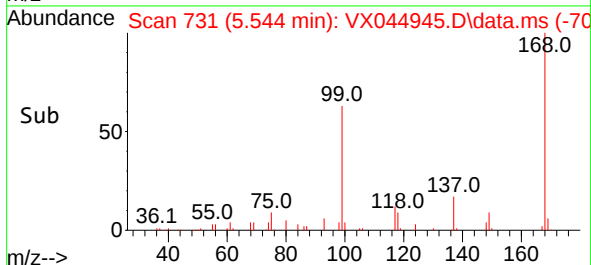
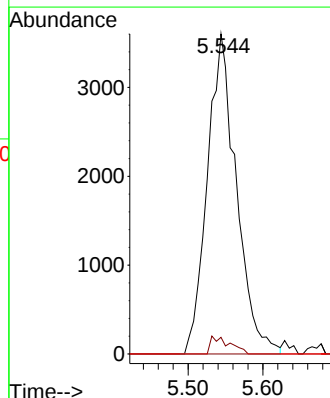
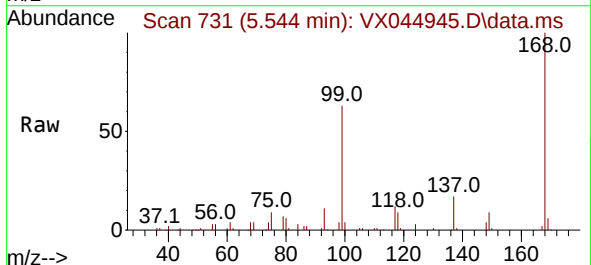
Instrument :
MSVOA_X
ClientSampleId :

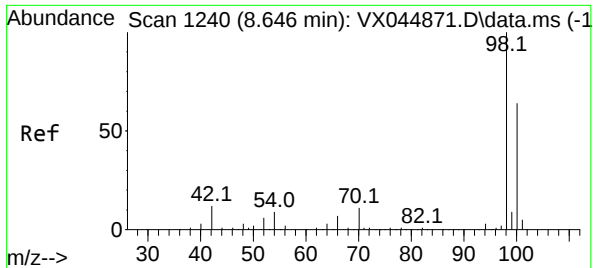
Tgt Ion: 75 Resp: 7977
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Tgt Ion: 117 Resp: 9730
Ion Ratio Lower Upper
117 100
119 5.2 77.5 116.3#
121 0.0 25.6 38.4#

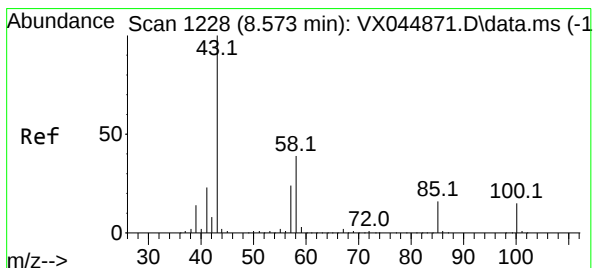
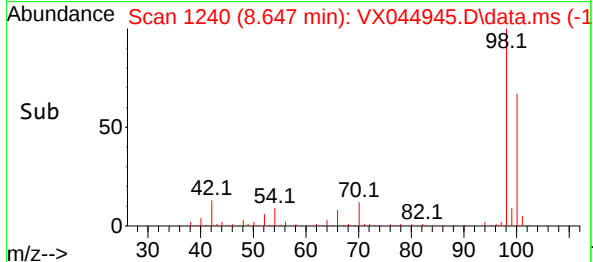
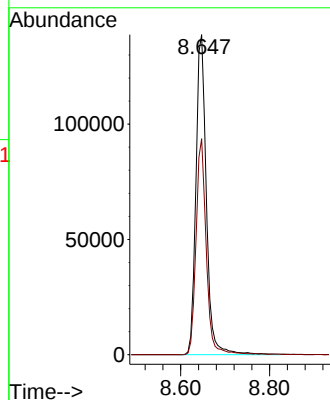
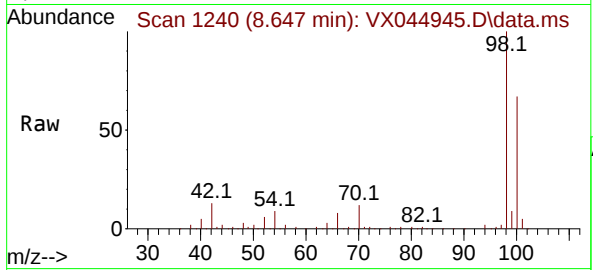




#50
Toluene-d8
Concen: 49.392 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

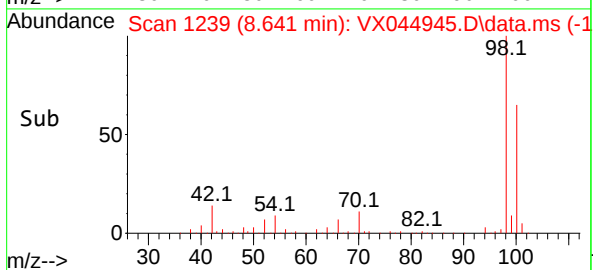
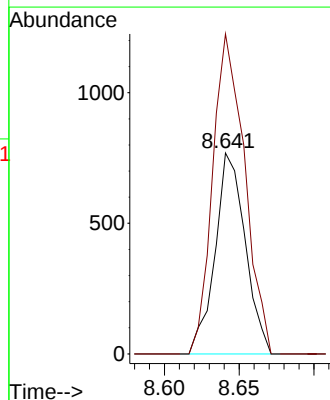
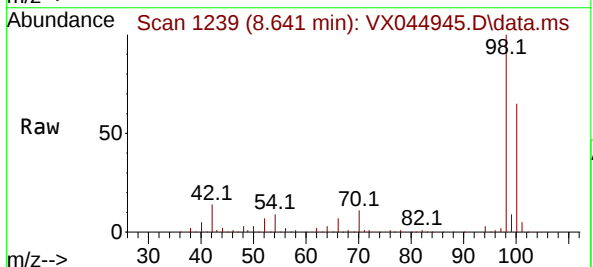
Instrument :
MSVOA_X
ClientSampleId :

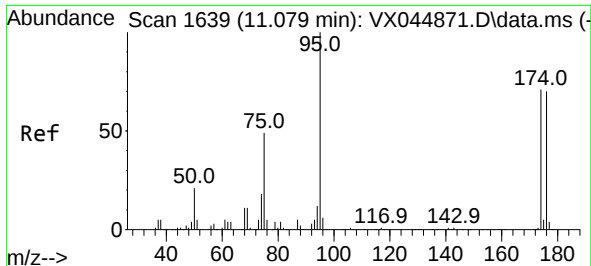
Tgt Ion: 98 Resp: 226342
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
58 168.9 30.8 46.2#

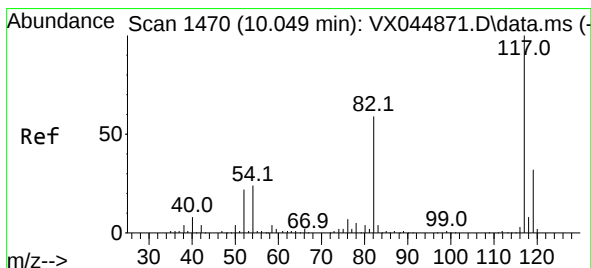
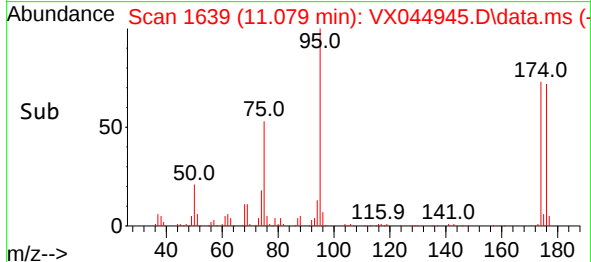
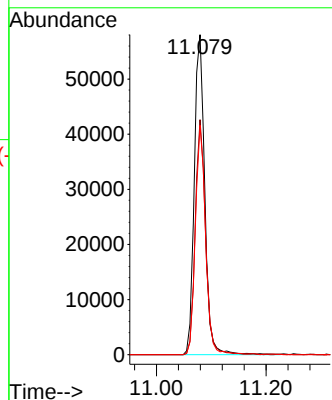
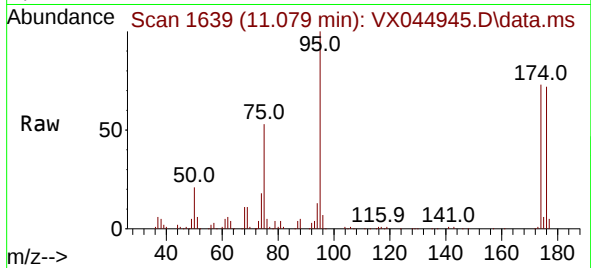




#62
4-Bromofluorobenzene
Concen: 50.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

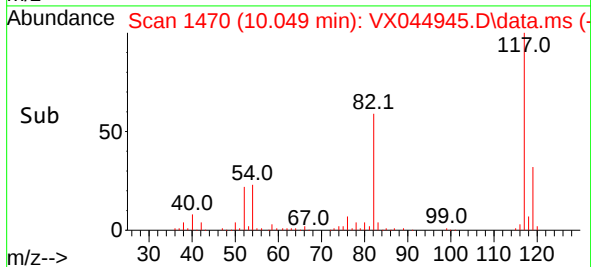
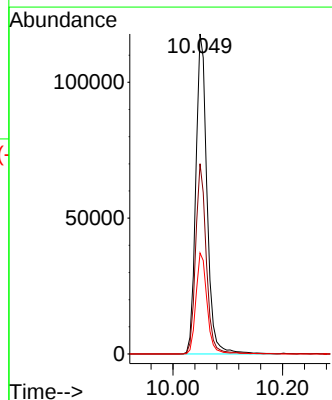
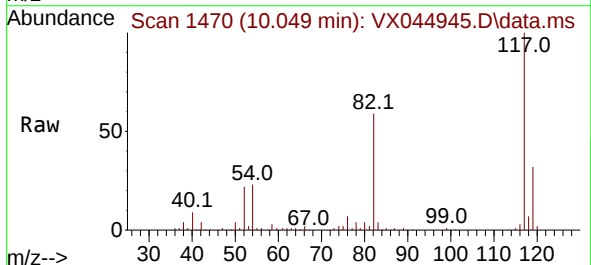
Instrument :
MSVOA_X
ClientSampleId :

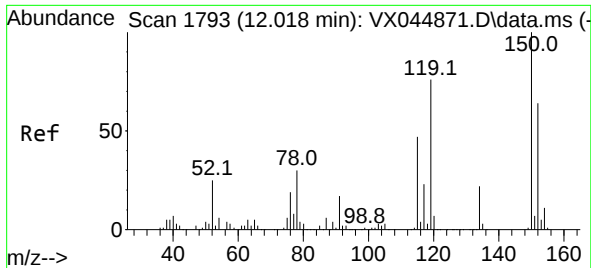
Tgt Ion: 95 Resp: 77602
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 70.0 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044945.D
Acq: 12 Feb 2025 19:48

Tgt Ion: 117 Resp: 167891
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 31.6 25.4 38.0

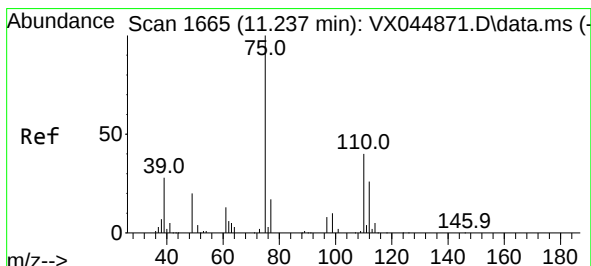
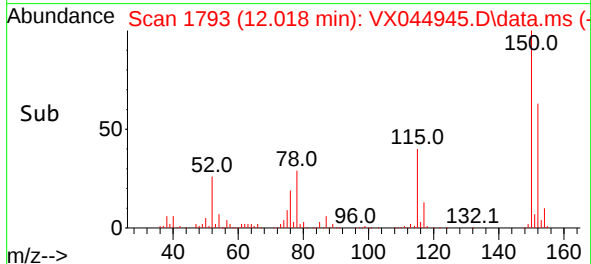
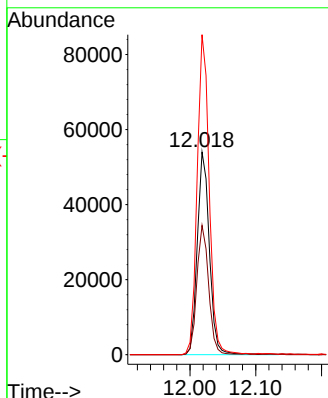
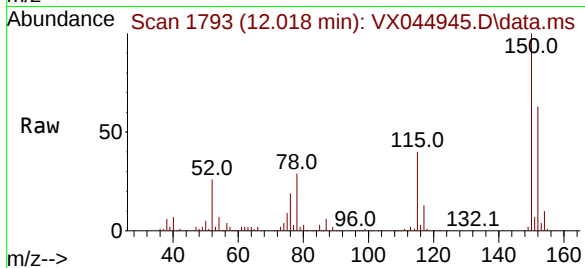




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044945.D
 Acq: 12 Feb 2025 19:48

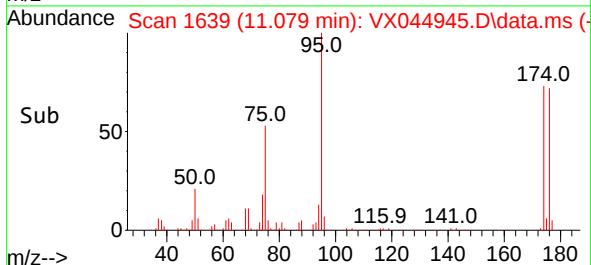
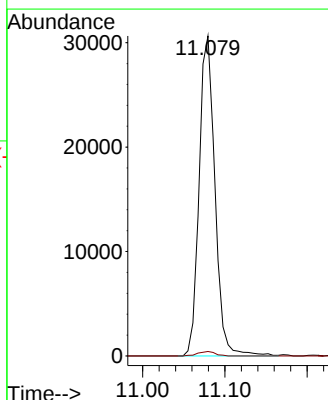
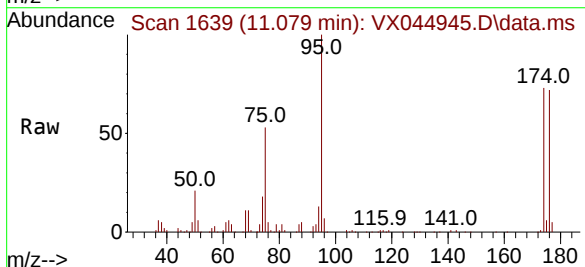
Instrument :
 MSVOA_X
 ClientSampleId :

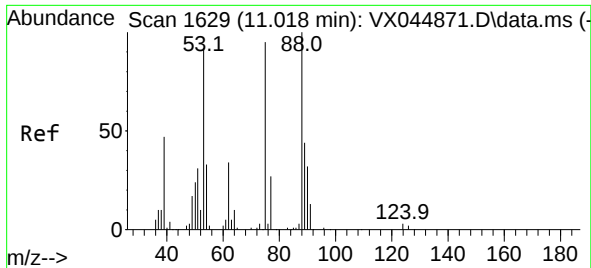
Tgt Ion:152 Resp: 69229
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.4 130.1
 150 156.7 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.752 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044945.D
 Acq: 12 Feb 2025 19:48

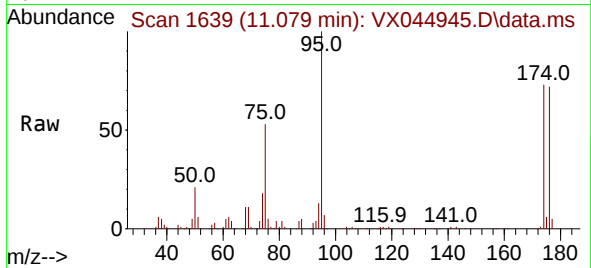
Tgt Ion: 75 Resp: 41062
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.817 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044945.D
 Acq: 12 Feb 2025 19:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41062
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

