

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026157.D
 Acq On : 30 Dec 2021 10:42
 Operator : JC/MD
 Sample : VX1231MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 01:08:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

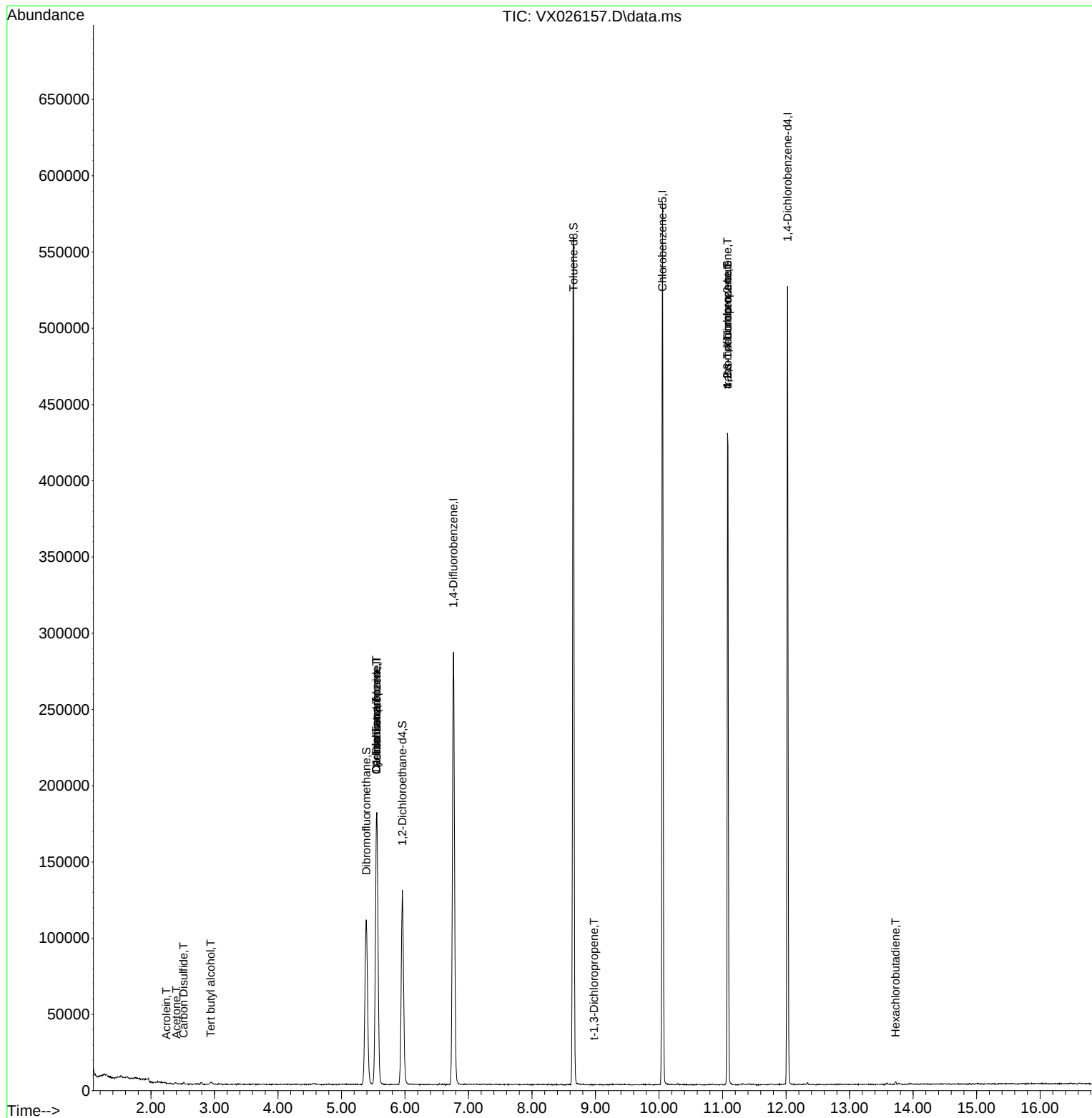
Internal Standards						
1) Pentafluorobenzene	5.556	168	163002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116048	49.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.391	113	91905	51.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	8.653	98	319385	48.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.280%
62) 4-Bromofluorobenzene	11.079	95	107225	45.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	930	1.975	ug/l #	73
13) Acrolein	2.239	56	61	0.362	ug/l #	63
16) Acetone	2.398	43	1034	0.809	ug/l	98
17) Carbon Disulfide	2.514	76	1273	0.246	ug/l #	94
20) Methylene Chloride	2.788	84	642	Below Cal	#	82
31) Cyclohexane	5.550	56	4102	1.221	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	14187	4.931	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17548	5.483	ug/l #	16
53) t-1,3-Dichloropropene	8.976	75	19	1.898	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	60229	24.979	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60229	72.265	ug/l #	10
94) Hexachlorobutadiene	13.725	225	376	0.427	ug/l	87

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

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

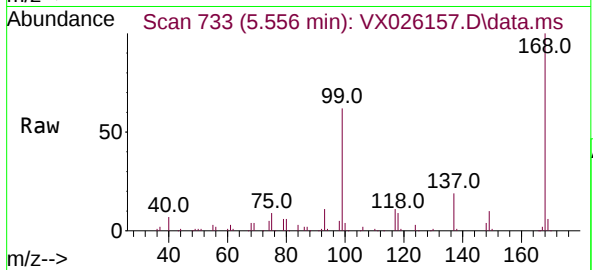
Quant Time: Dec 31 01:08:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



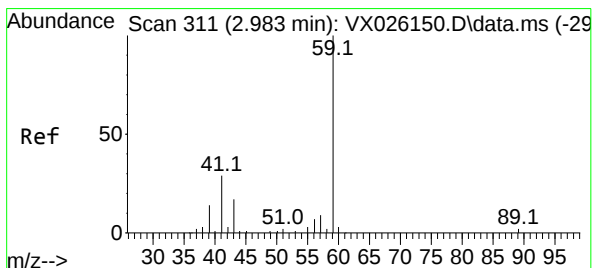
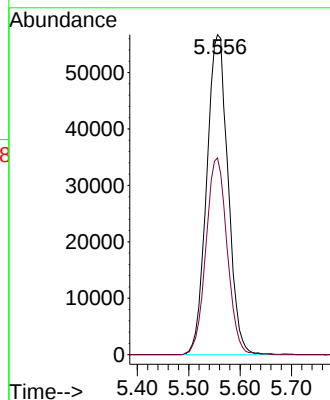
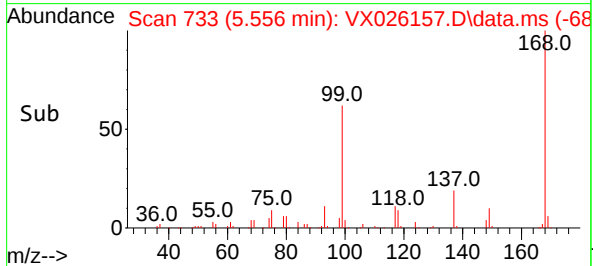


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

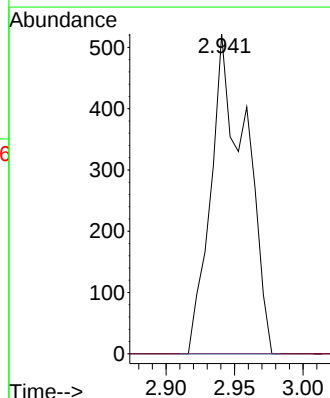
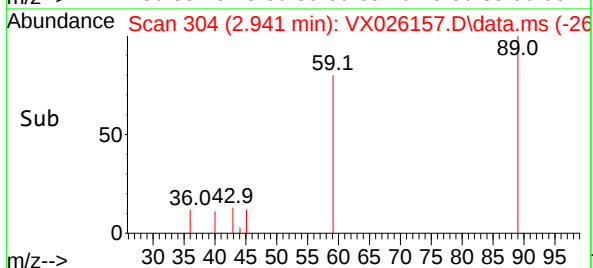
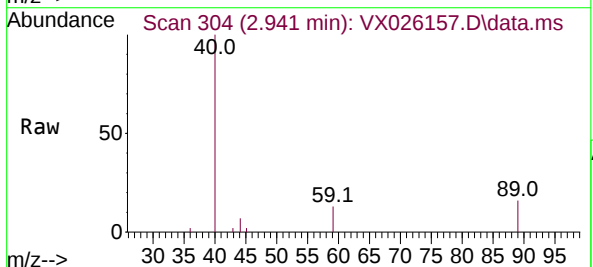


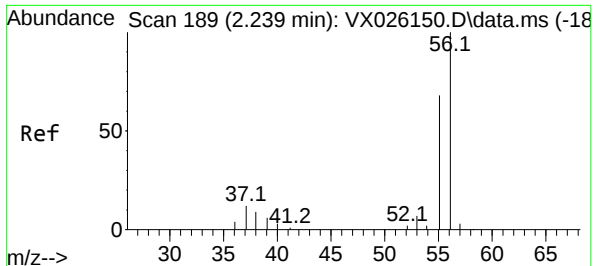
Tgt Ion:168 Resp: 163002
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.975 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

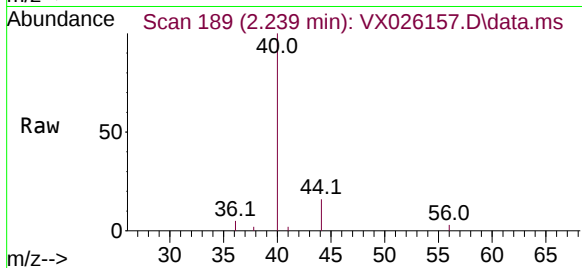
Tgt Ion: 59 Resp: 930
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



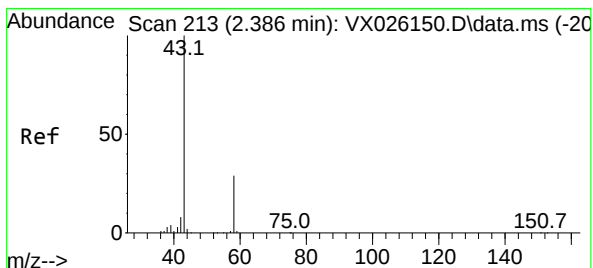
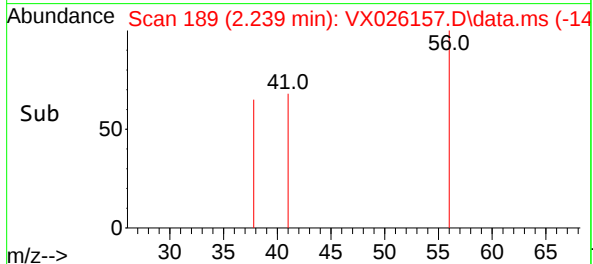
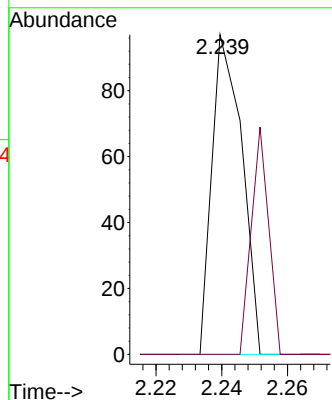


#13
Acrolein
Concen: 0.362 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

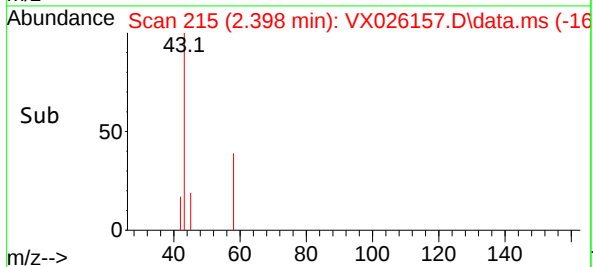
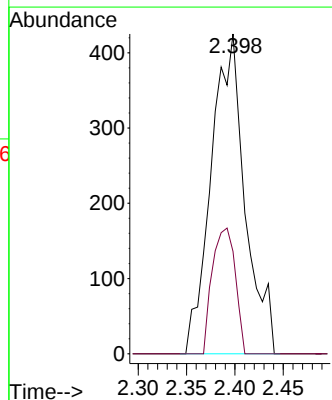
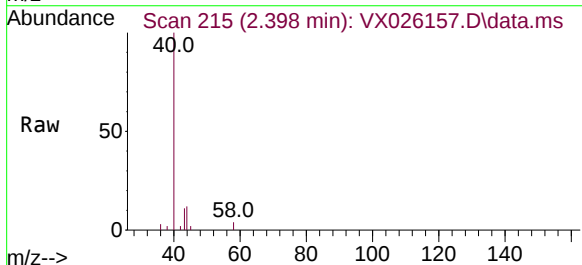


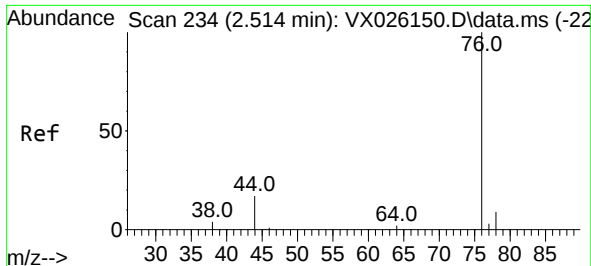
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 41.0 57.4 86.2#



#16
Acetone
Concen: 0.809 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

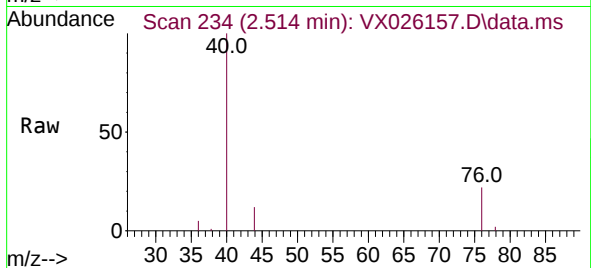
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 32.0 24.8 37.2



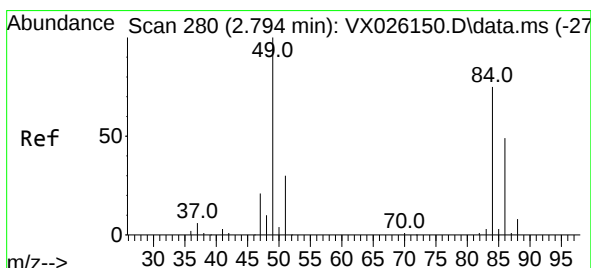
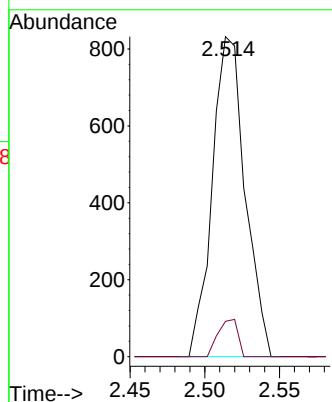
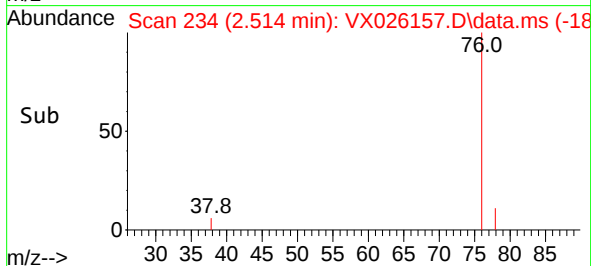


#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

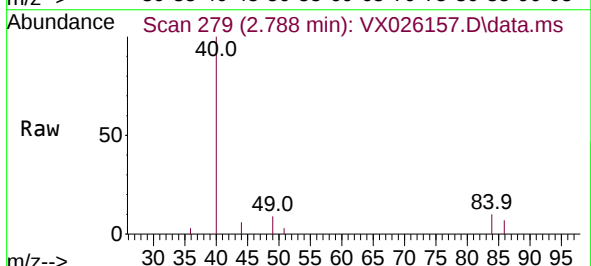
Instrument :
MSVOA_X
ClientSampleId :



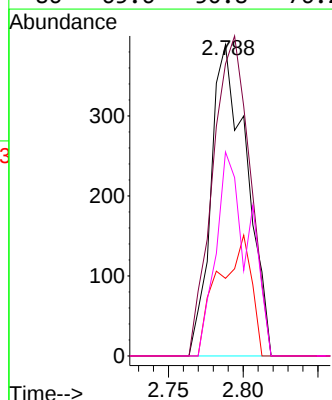
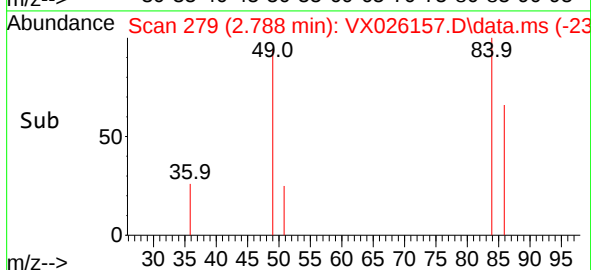
Tgt Ion: 76 Resp: 1273
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#

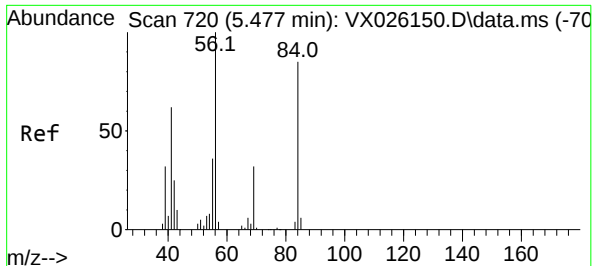


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42



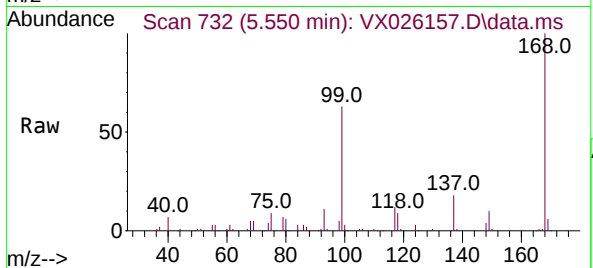
Tgt Ion: 84 Resp: 642
Ion Ratio Lower Upper
84 100
49 93.8 97.1 145.7#
51 24.9 29.3 43.9#
86 65.6 50.8 76.2



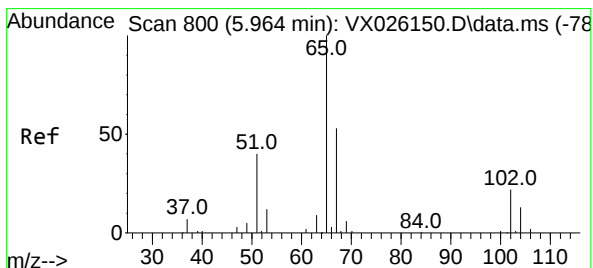
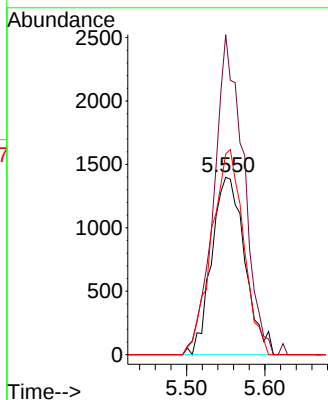
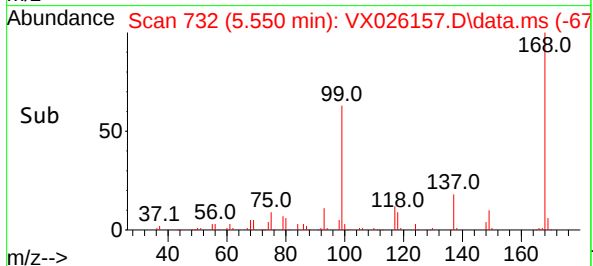


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

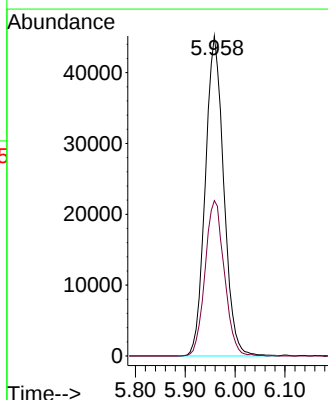
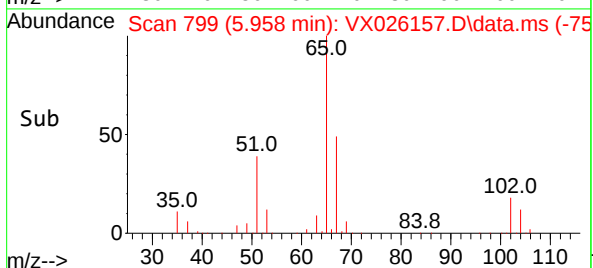
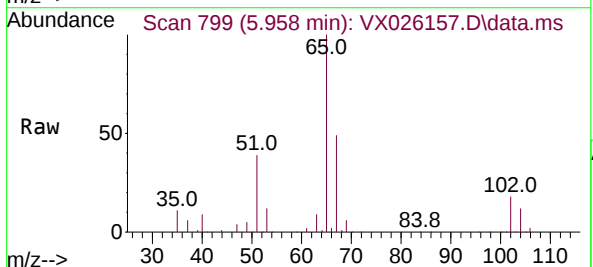


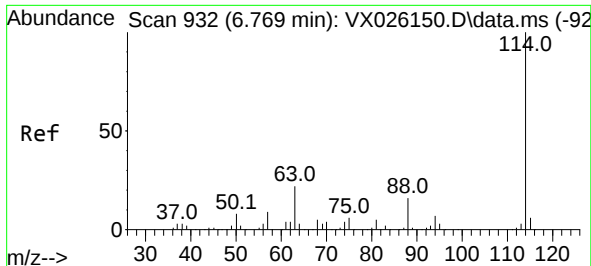
Tgt Ion: 56 Resp: 4102
Ion Ratio Lower Upper
56 100
69 180.3 23.9 35.9#
84 113.2 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 49.211 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Tgt Ion: 65 Resp: 116048
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

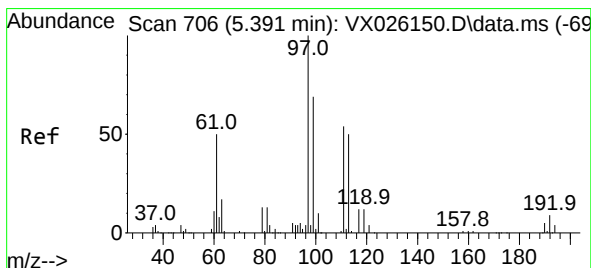
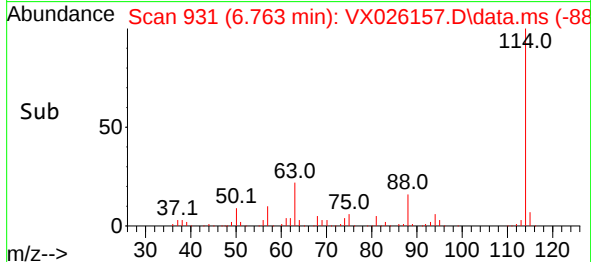
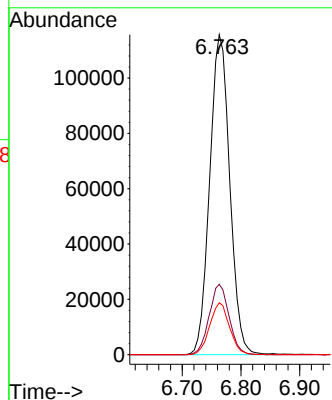
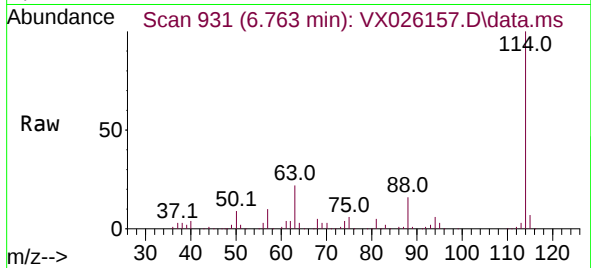




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

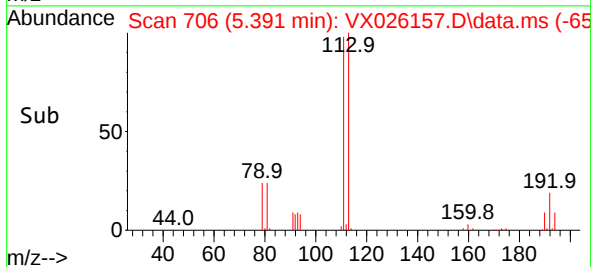
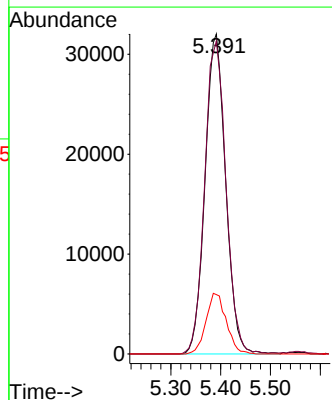
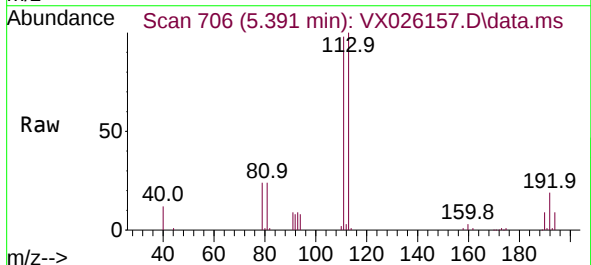
Instrument :
MSVOA_X
ClientSampleId :

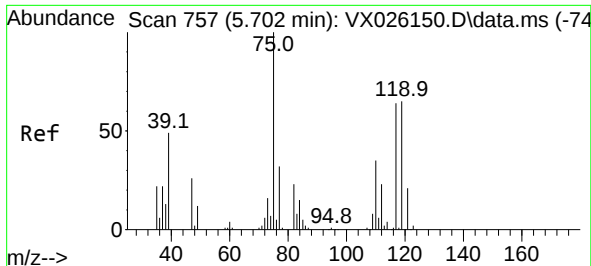
Tgt Ion:114 Resp: 274378
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Tgt Ion:113 Resp: 91905
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 18.6 15.0 22.4

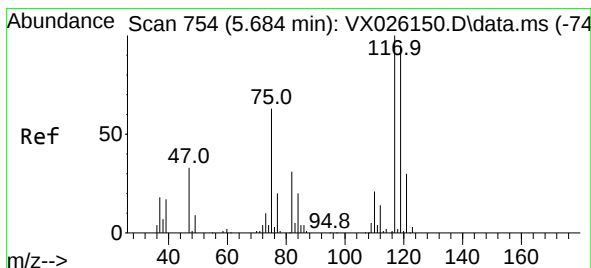
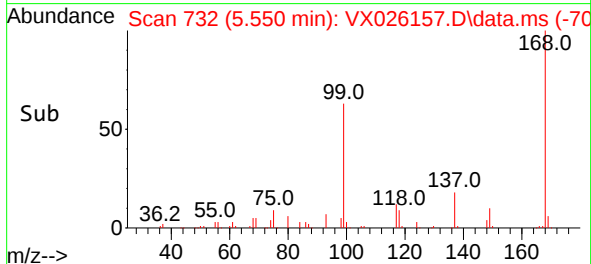
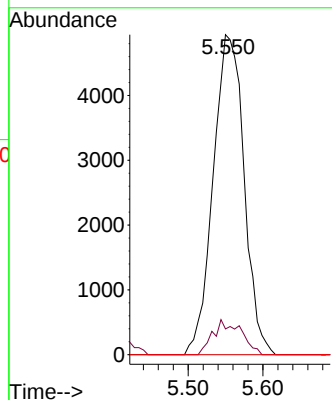
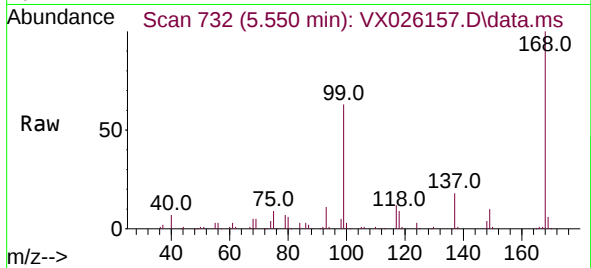




#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.152 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

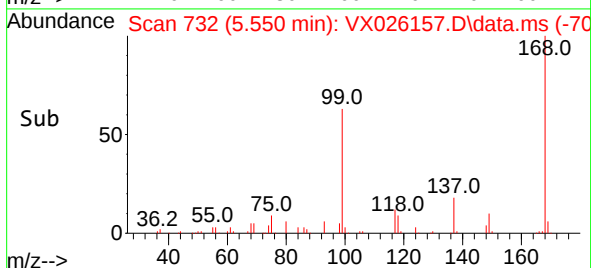
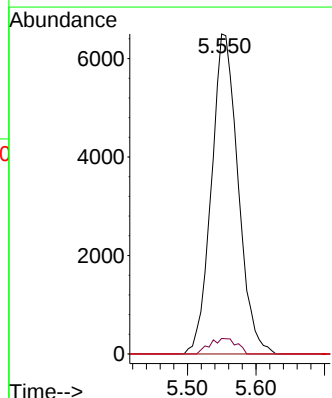
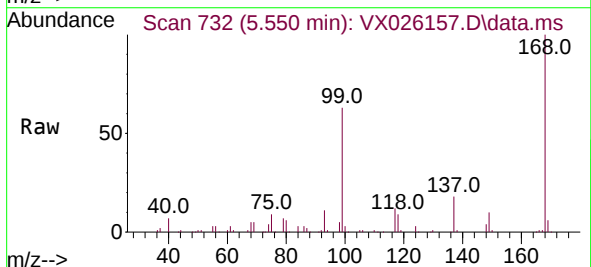
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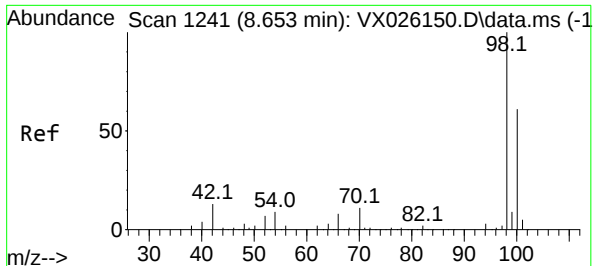
Tgt Ion: 75 Resp: 14187
Ion Ratio Lower Upper
75 100
110 9.9 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Tgt Ion: 117 Resp: 17548
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#

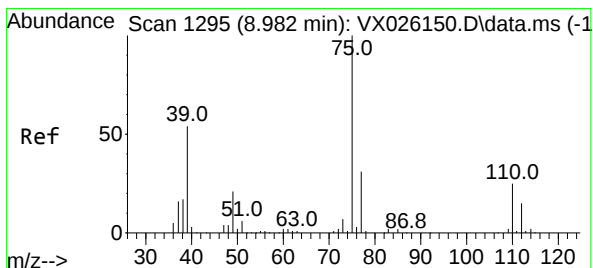
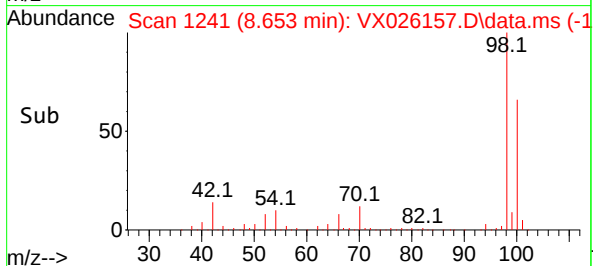
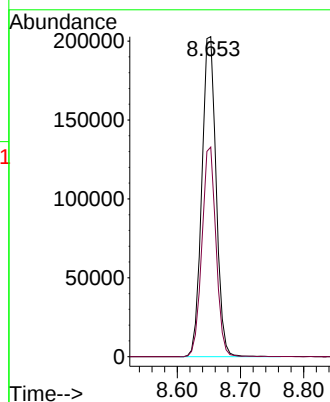
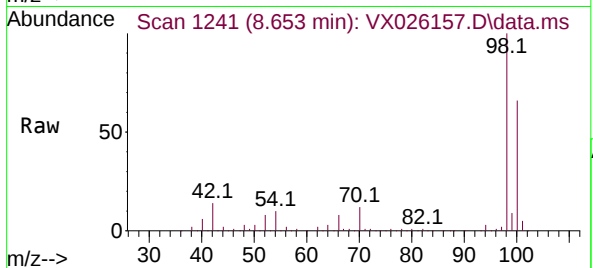




#50
Toluene-d8
Concen: 48.135 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

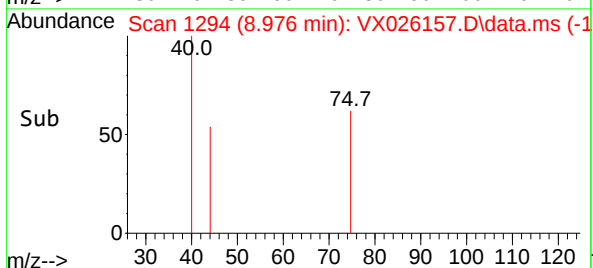
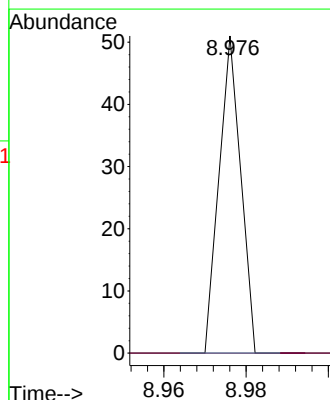
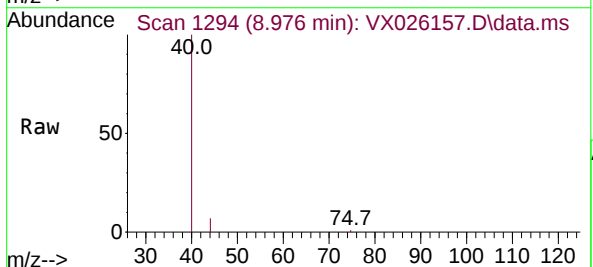
Instrument :
MSVOA_X
ClientSampleId :

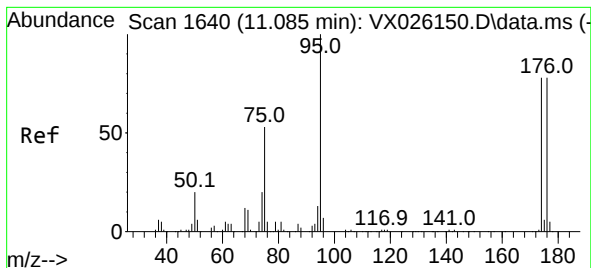
Tgt Ion: 98 Resp: 319385
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.898 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

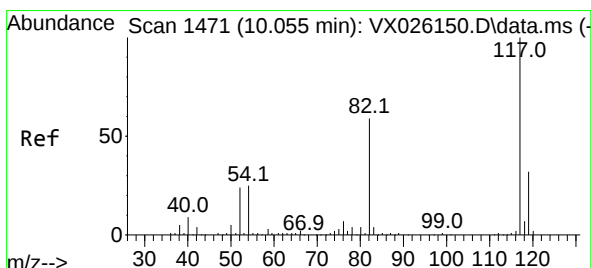
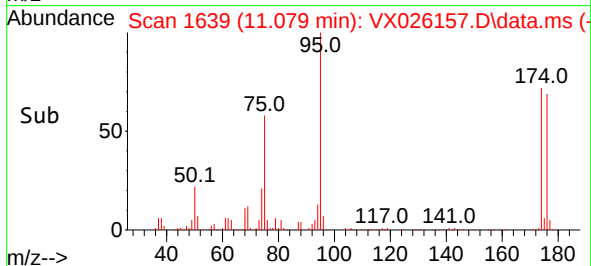
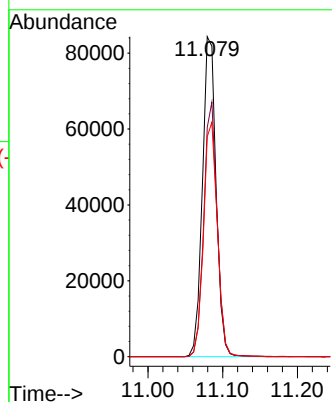
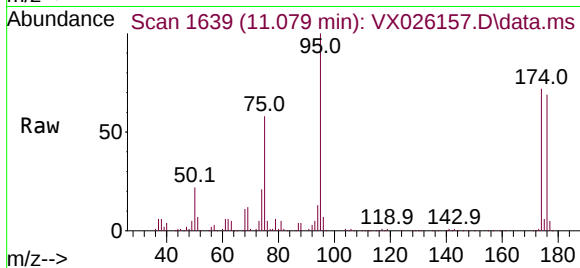




#62
4-Bromofluorobenzene
Concen: 45.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

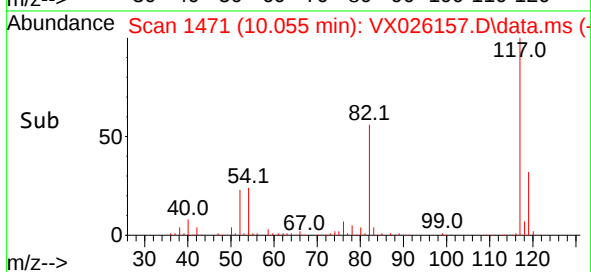
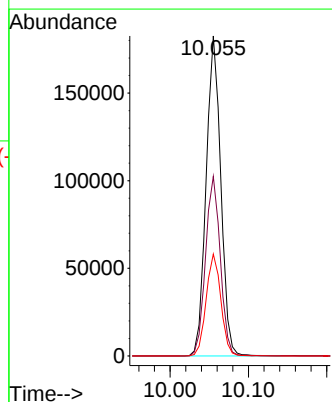
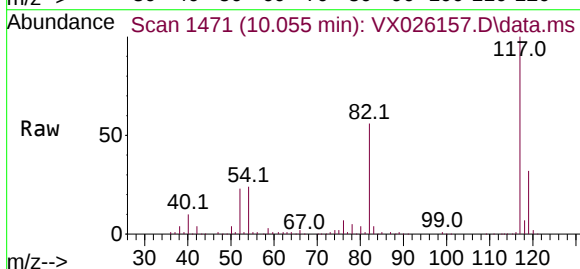
Instrument :
MSVOA_X
ClientSampleId :

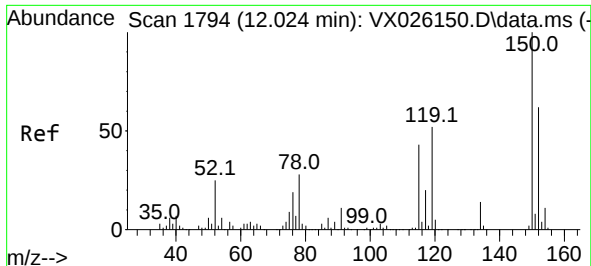
Tgt Ion: 95 Resp: 107225
Ion Ratio Lower Upper
95 100
174 77.6 0.0 157.4
176 74.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

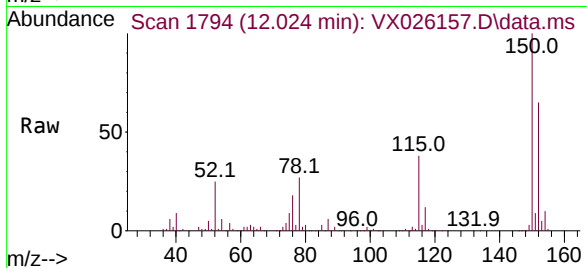
Tgt Ion: 117 Resp: 236720
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.6
119 31.8 25.2 37.8



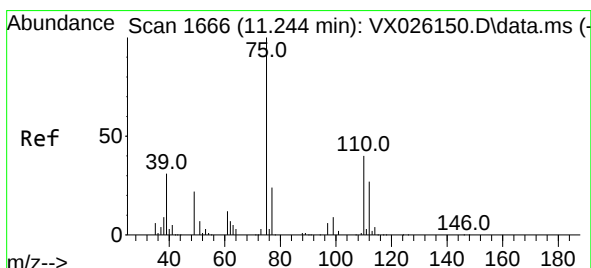
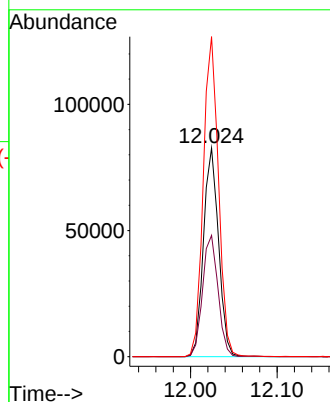
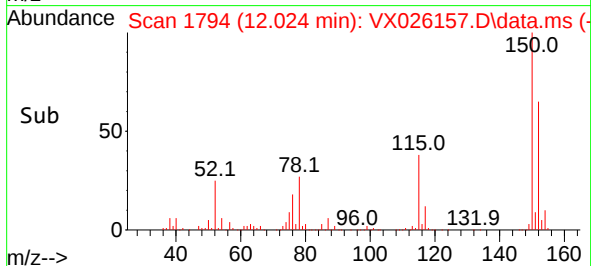


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026157.D
 Acq: 30 Dec 2021 10:42

Instrument :
 MSVOA_X
 ClientSampleId :

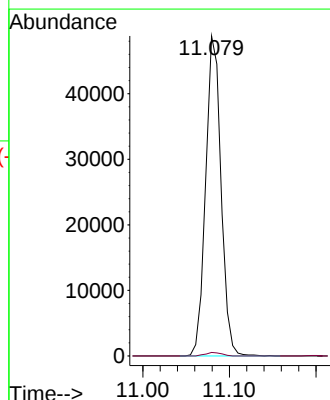
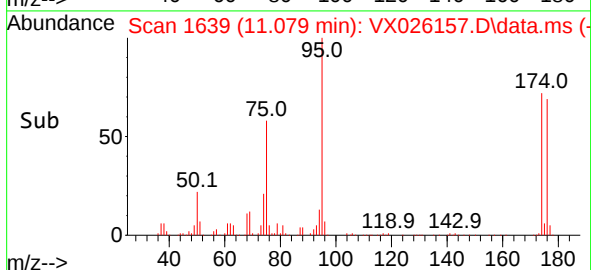
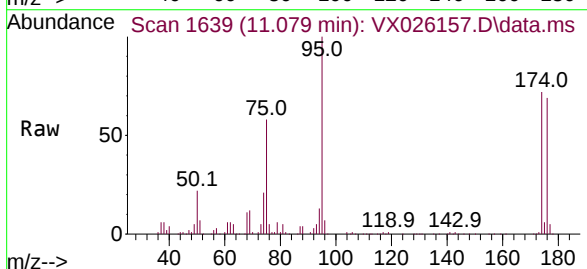


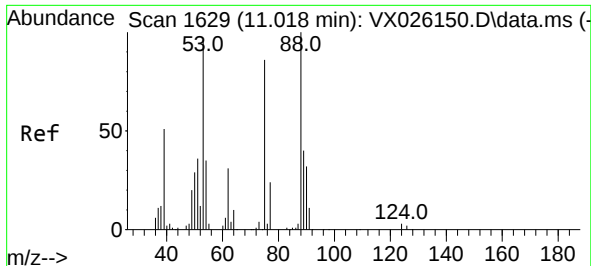
Tgt Ion:152 Resp: 99893
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.3 123.9
 150 154.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.979 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026157.D
 Acq: 30 Dec 2021 10:42

Tgt Ion: 75 Resp: 60229
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#

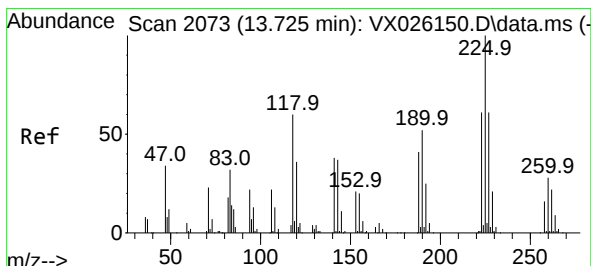
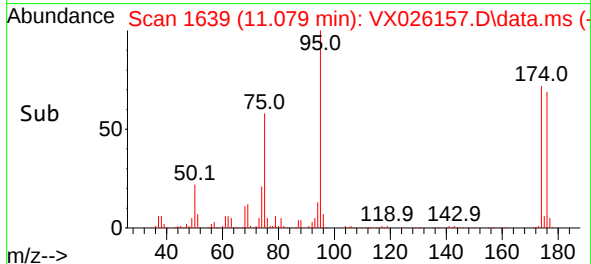
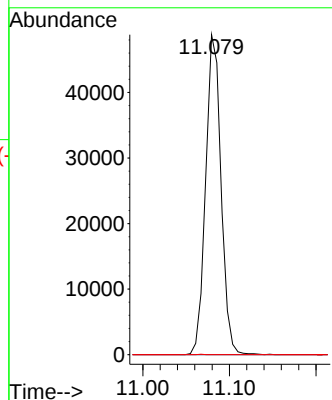
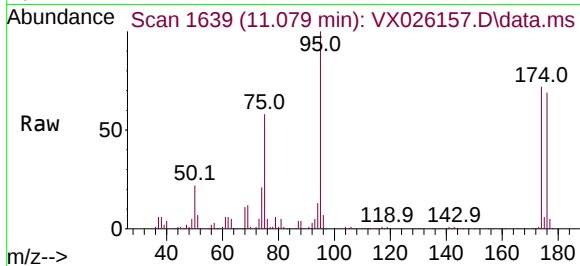




#81
trans-1,4-Dichloro-2-butene
Concen: 72.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60229
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.427 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026157.D
Acq: 30 Dec 2021 10:42

Tgt Ion: 225 Resp: 376
Ion Ratio Lower Upper
225 100
223 68.1 31.6 95.0
227 48.9 32.5 97.5

