

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027657.D
 Acq On : 23 Mar 2022 10:41
 Operator : JC/MD
 Sample : VX0323MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBL01

Quant Time: Mar 23 17:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

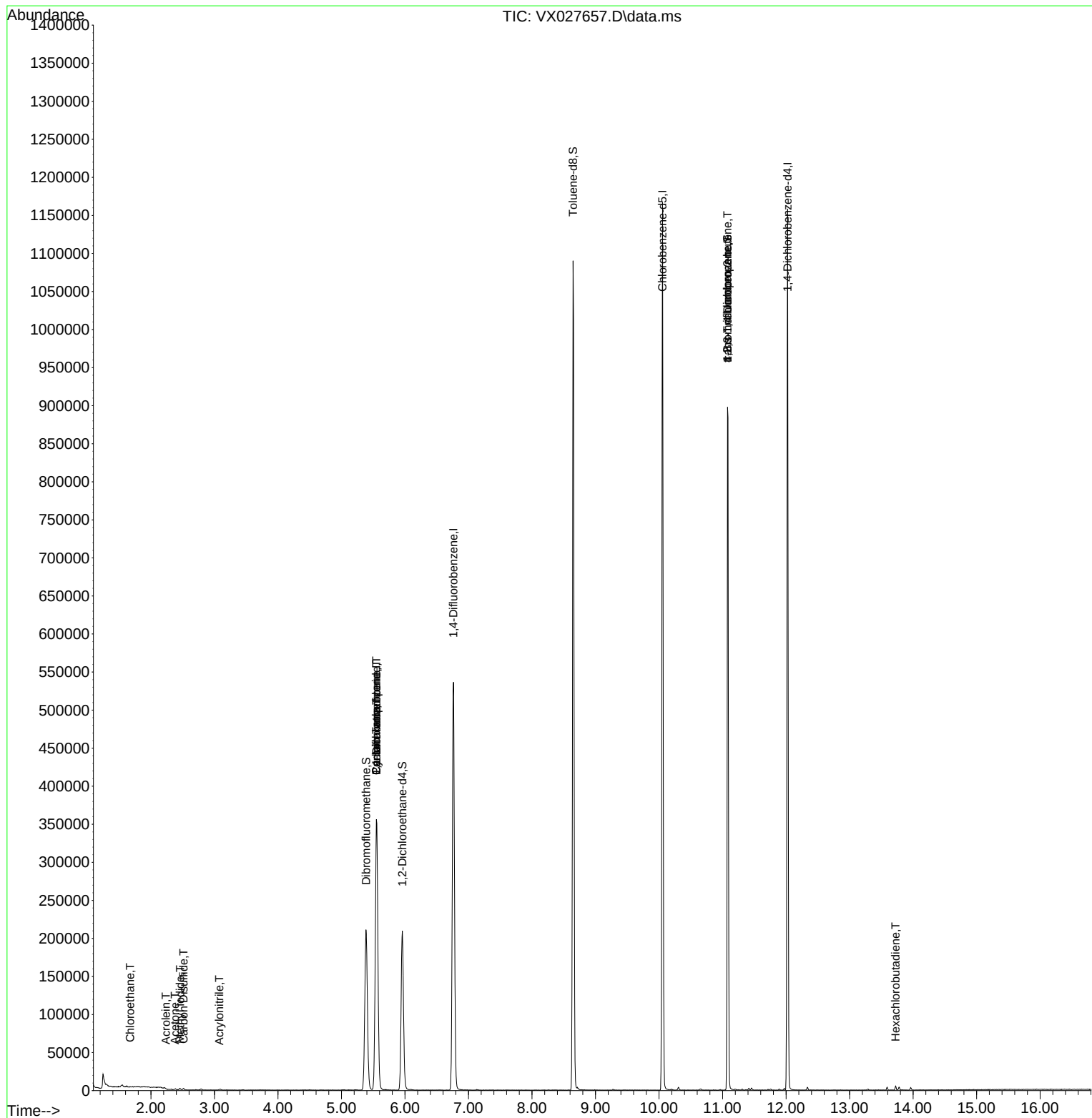
Internal Standards						
1) Pentafluorobenzene	5.550	168	351941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	570513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	532113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205727	47.451	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.900%		
35) Dibromofluoromethane	5.385	113	185917	50.651	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.300%		
50) Toluene-d8	8.647	98	670397	48.265	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	249918	48.953	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.900%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	742	Below Cal	#	74
6) Chloroethane	1.672	64	584	0.275	ug/l #	44
10) Methyl Iodide	2.459	142	2021	0.448	ug/l	92
13) Acrolein	2.233	56	174	0.271	ug/l #	81
15) Acrylonitrile	3.075	53	483	0.257	ug/l #	86
16) Acetone	2.380	43	1286	0.728	ug/l	99
17) Carbon Disulfide	2.514	76	2354	0.283	ug/l	95
31) Cyclohexane	5.550	56	6119	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24446	4.874	ug/l #	51
38) Carbon Tetrachloride	5.550	117	34178	5.956	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.257	63	209	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.079	75	121480	23.214	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	121480	70.503	ug/l #	15
94) Hexachlorobutadiene	13.725	225	845	0.359	ug/l	93

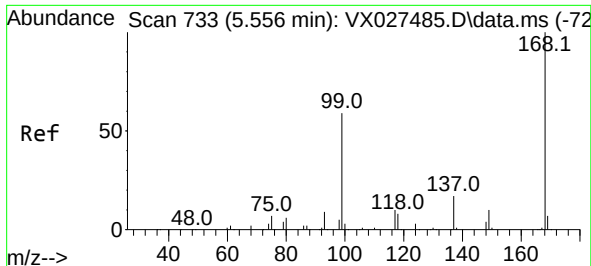
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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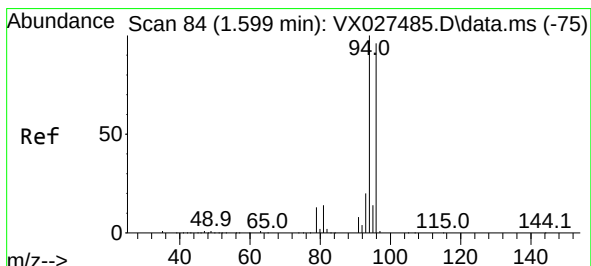
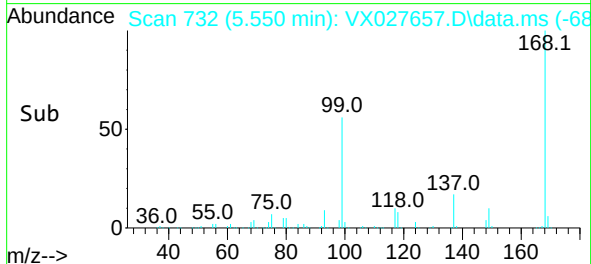
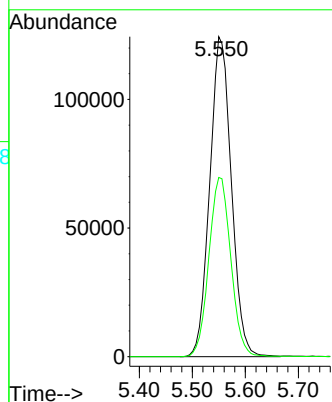
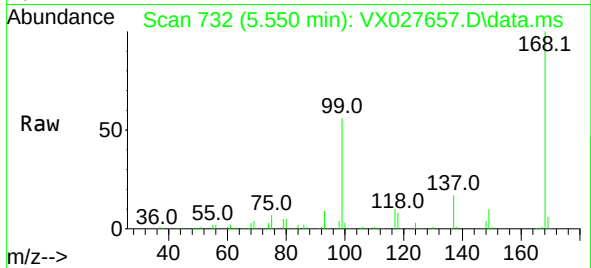




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

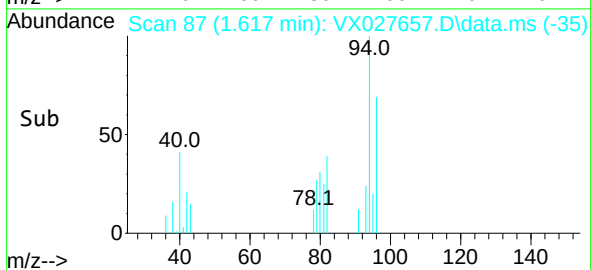
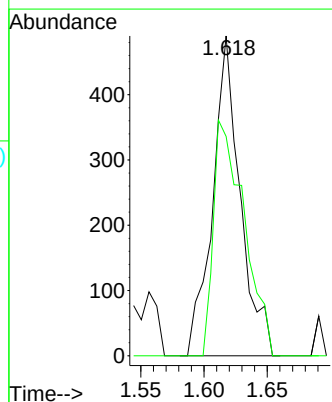
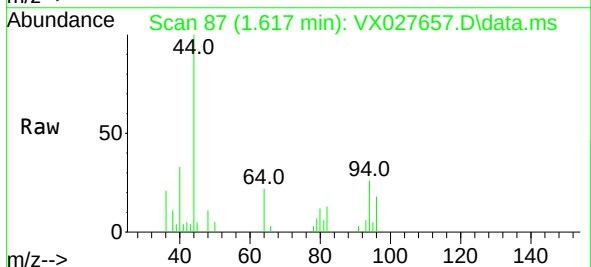
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

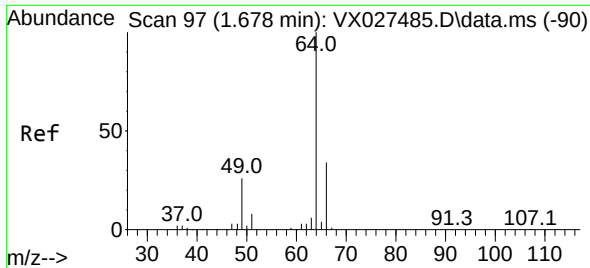
Tgt Ion:168 Resp: 351941
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 68.6 75.3 112.9#

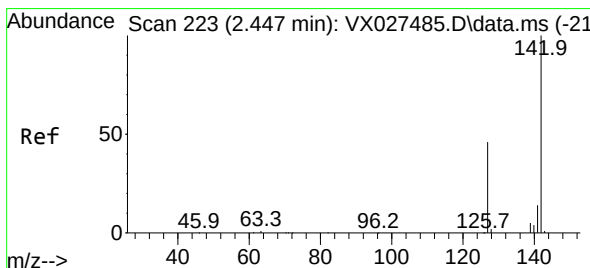
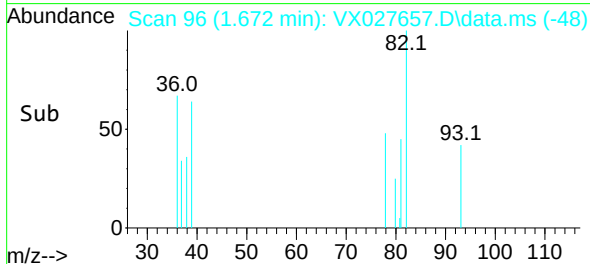
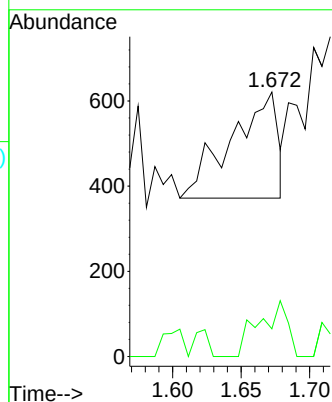
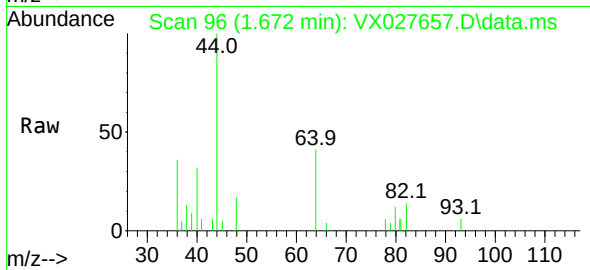




#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

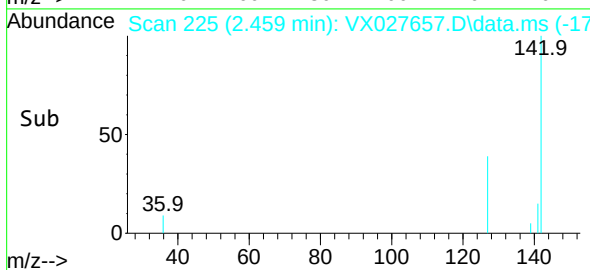
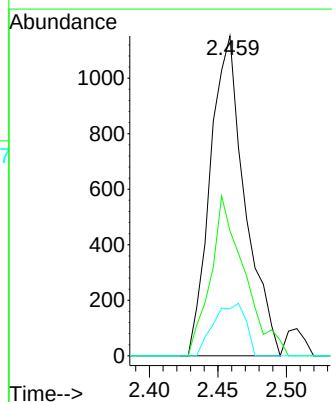
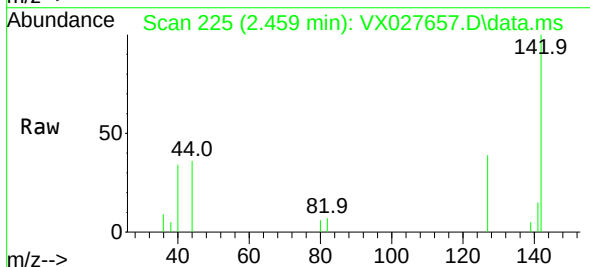
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

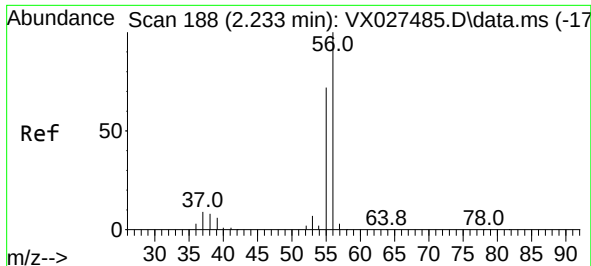
Tgt Ion: 64 Resp: 584
Ion Ratio Lower Upper
64 100
66 0.4 25.3 37.9#



#10
Methyl Iodide
Concen: 0.448 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion:142 Resp: 2021
Ion Ratio Lower Upper
142 100
127 48.9 33.9 50.9
141 15.1 11.4 17.2

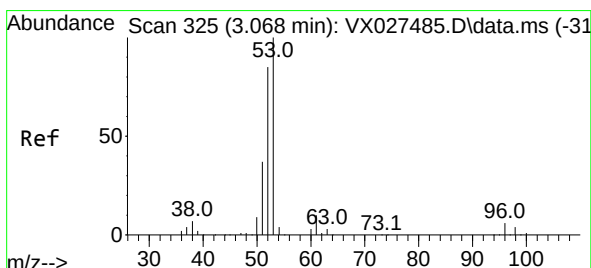
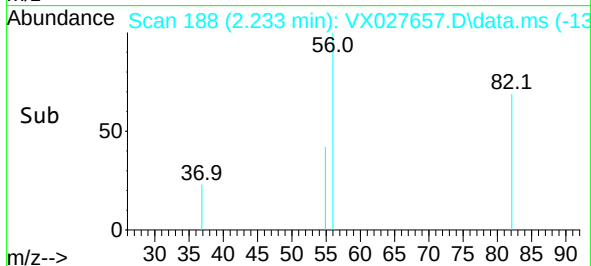
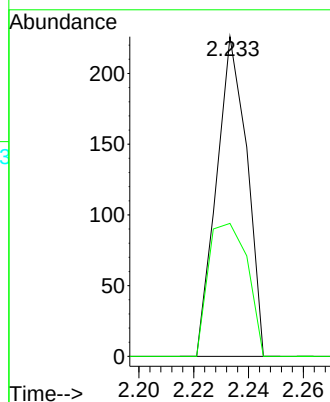
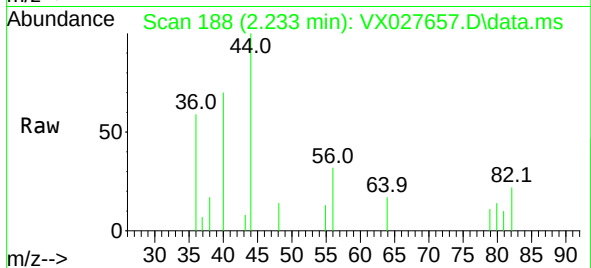




#13
Acrolein
Concen: 0.271 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

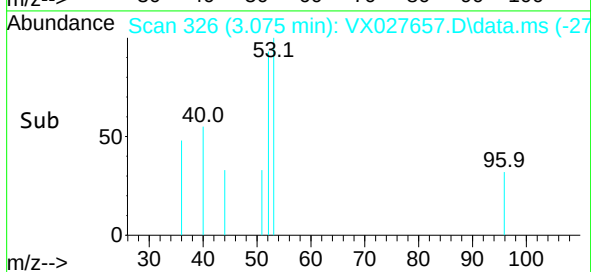
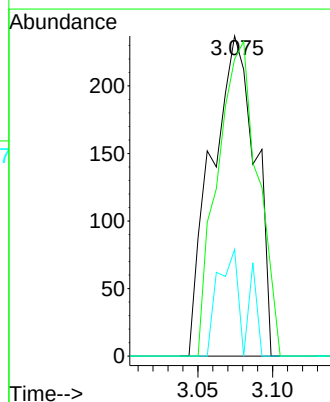
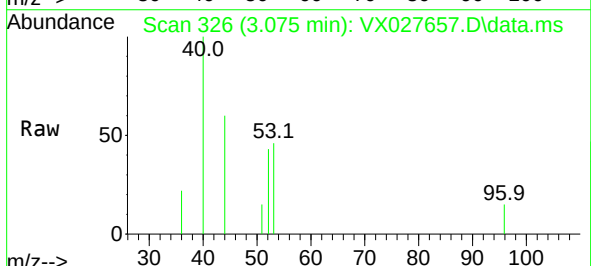
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

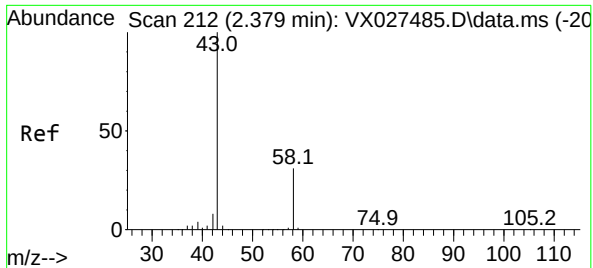
Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 53.4 55.0 82.6#



#15
Acrylonitrile
Concen: 0.257 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 53 Resp: 483
Ion Ratio Lower Upper
53 100
52 90.3 65.7 98.5
51 20.3 28.4 42.6#

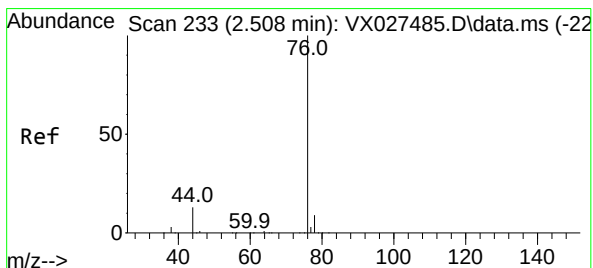
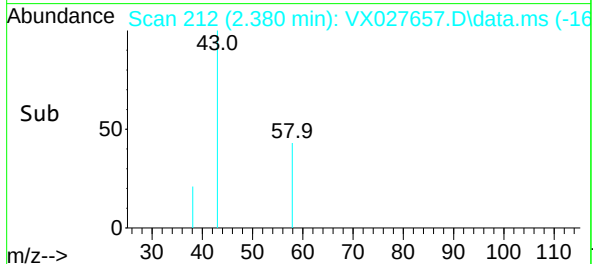
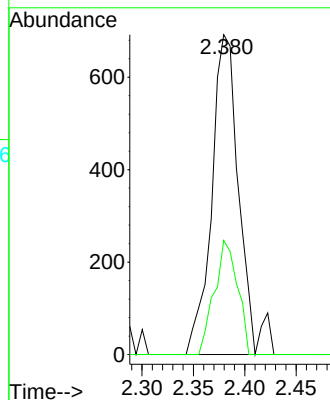
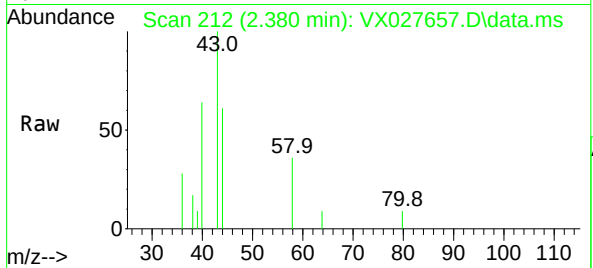




#16
Acetone
Concen: 0.728 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

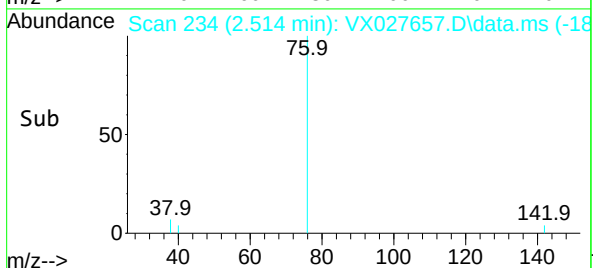
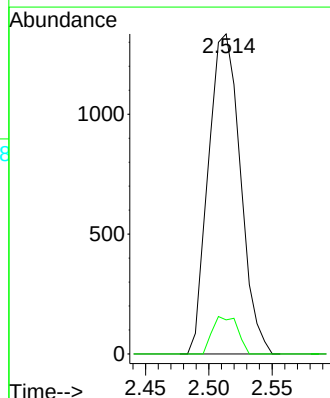
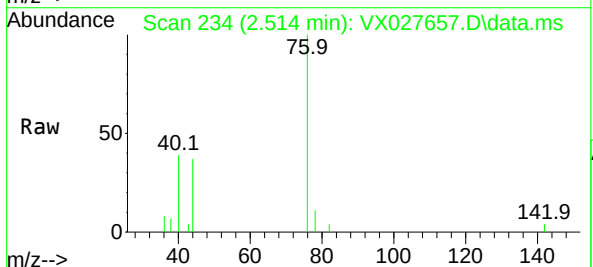
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

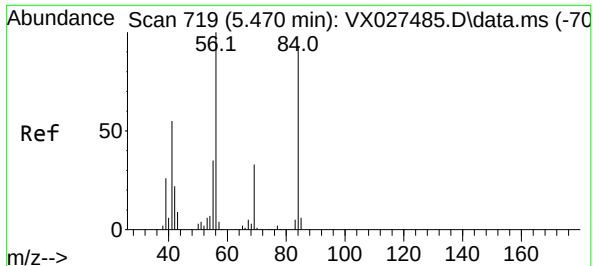
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2



#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

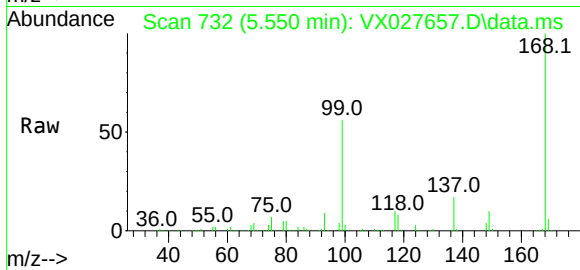
Tgt Ion: 76 Resp: 2354
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



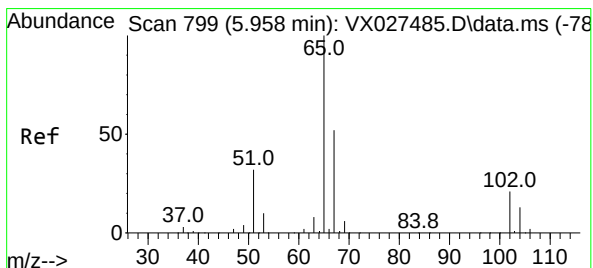
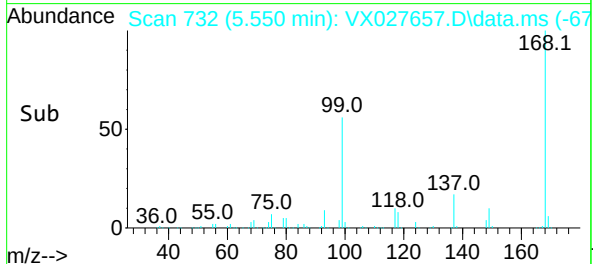
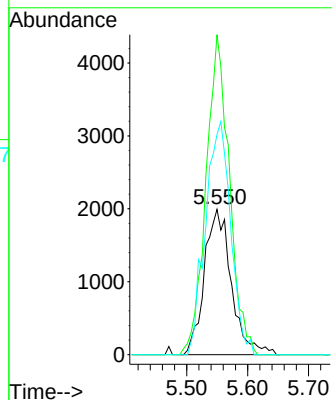


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

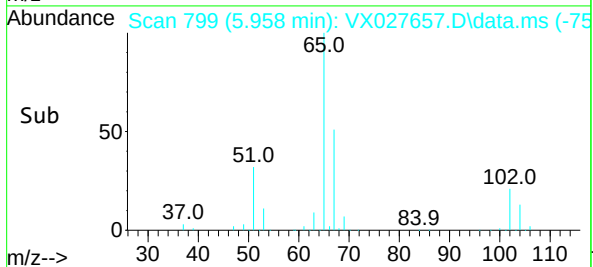
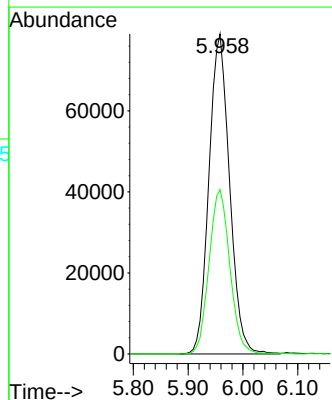
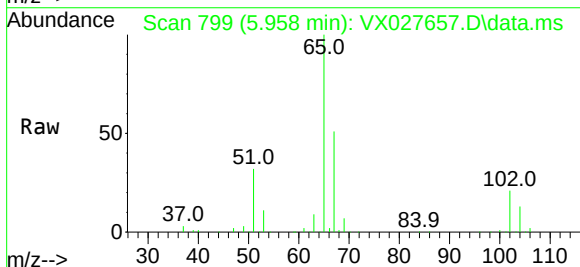


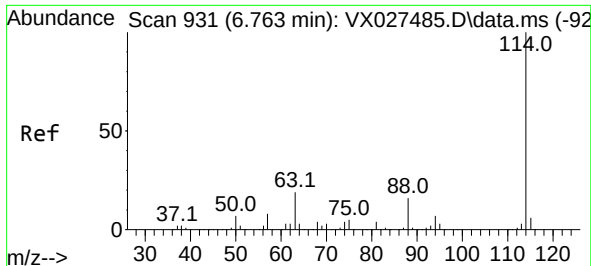
Tgt Ion: 56 Resp: 6119
Ion Ratio Lower Upper
56 100
69 220.2 26.7 40.1#
84 151.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.451 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 65 Resp: 205727
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

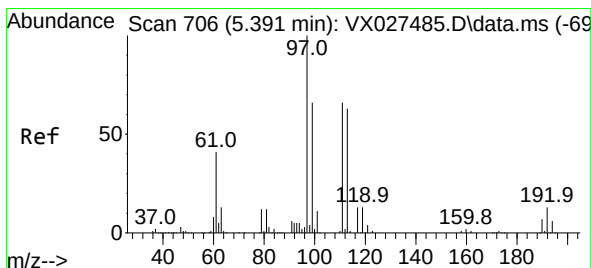
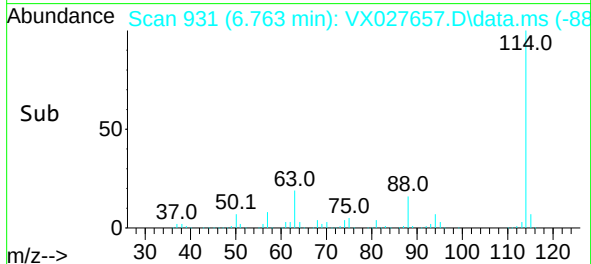
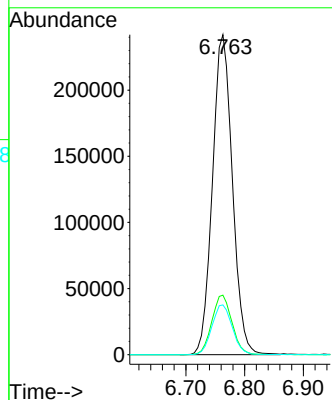
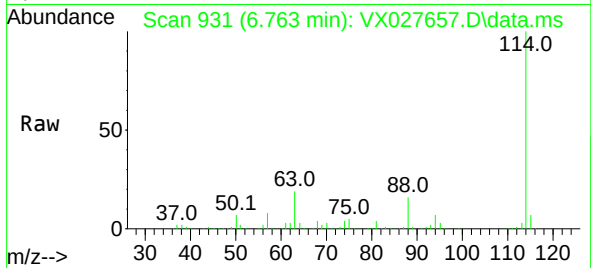




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

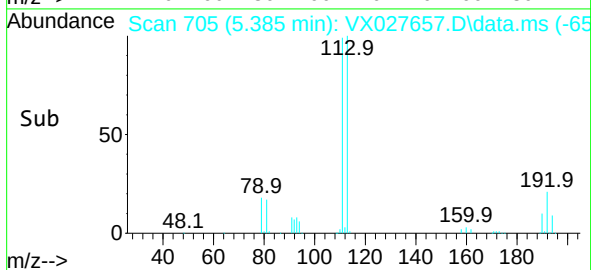
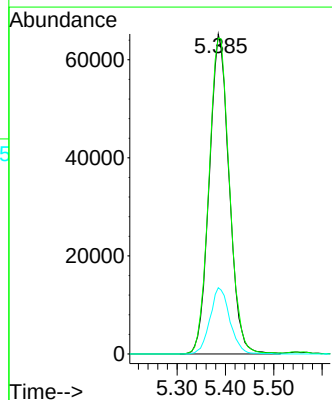
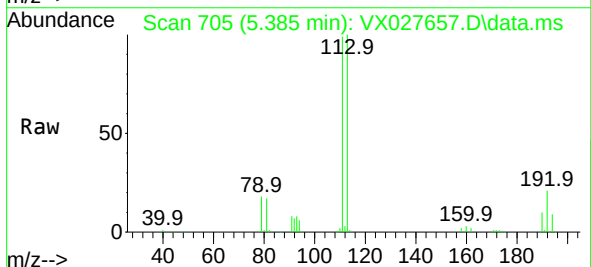
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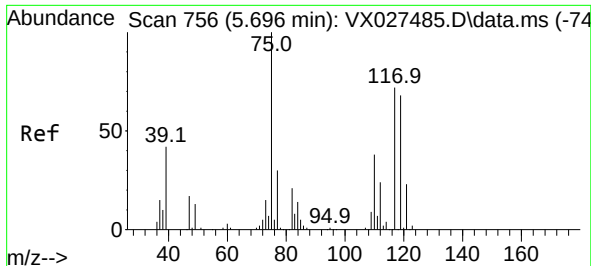
Tgt Ion:114 Resp: 570513
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion:113 Resp: 185917
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.7 16.9 25.3

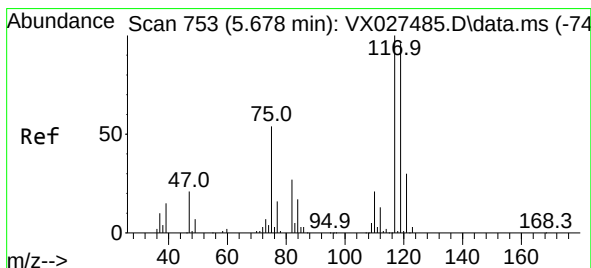
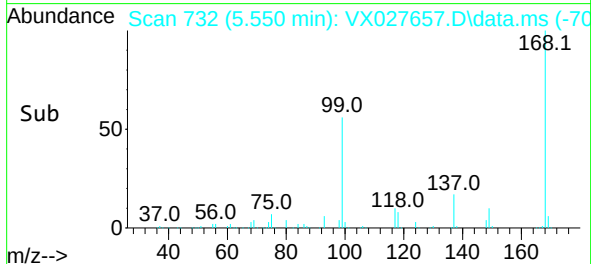
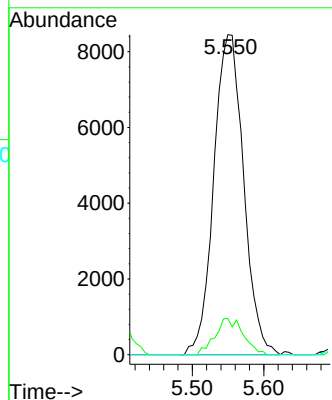
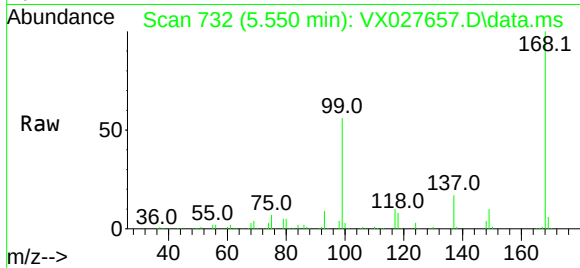




#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

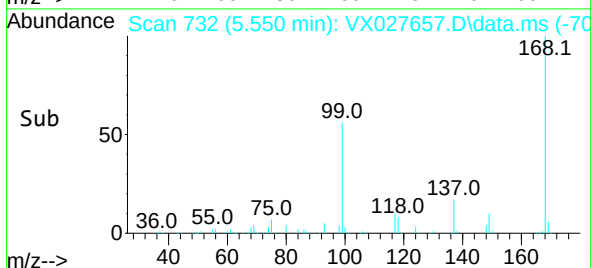
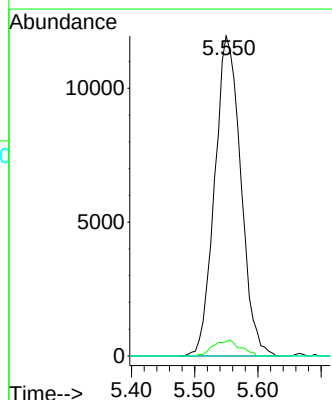
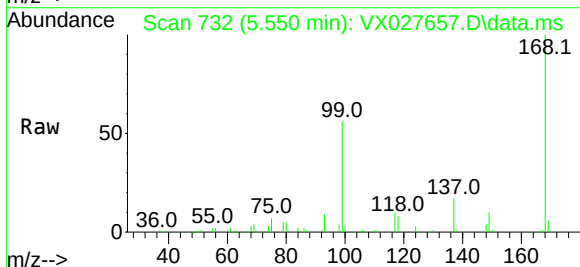
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

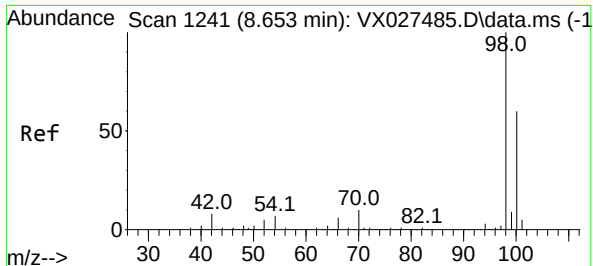
Tgt Ion: 75 Resp: 24446
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.956 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 117 Resp: 34178
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.265 ug/l

RT: 8.647 min Scan# 1176

Delta R.T. -0.006 min

Lab File: VX027657.D

Acq: 23 Mar 2022 10:41

Instrument :

MSVOA_X

ClientSampleId :

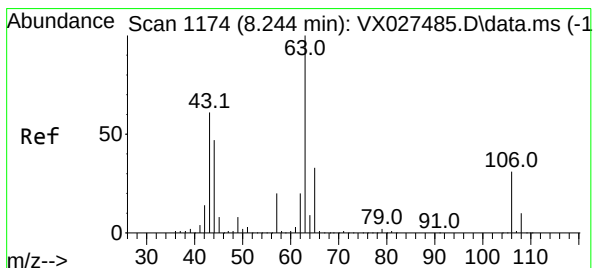
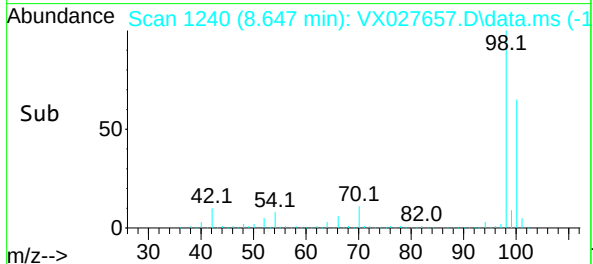
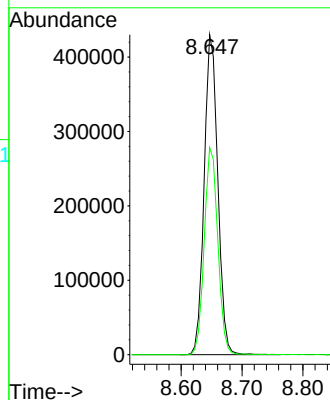
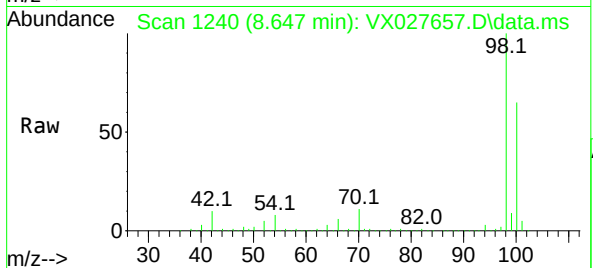
VX0323MBL01

Tgt Ion: 98 Resp: 670397

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX027657.D

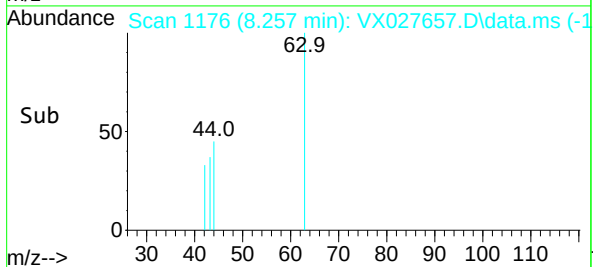
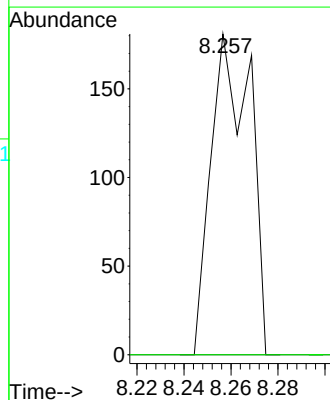
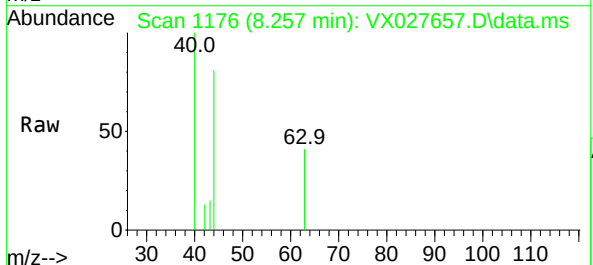
Acq: 23 Mar 2022 10:41

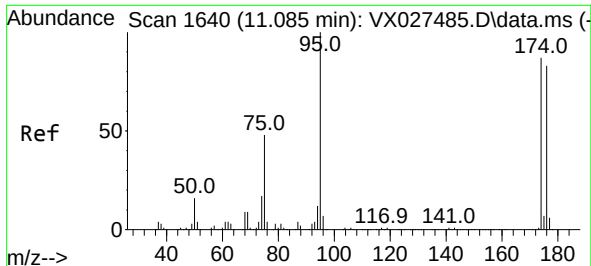
Tgt Ion: 63 Resp: 209

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

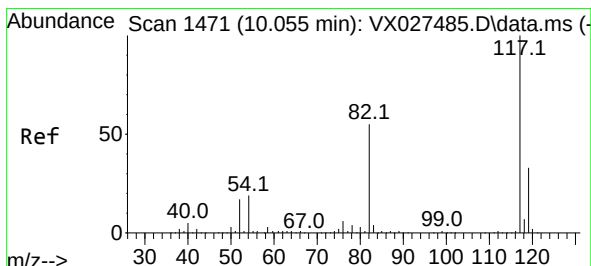
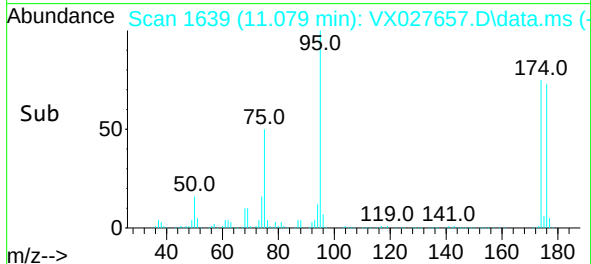
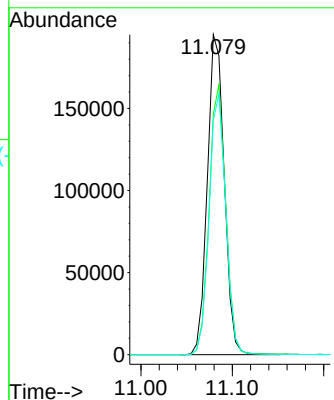
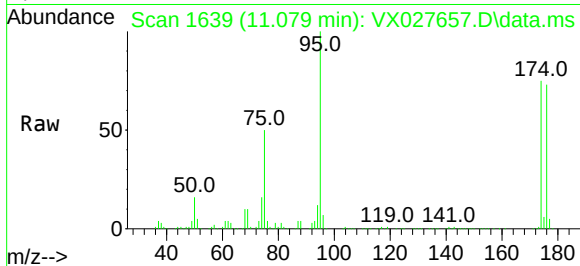




#62
4-Bromofluorobenzene
Concen: 48.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

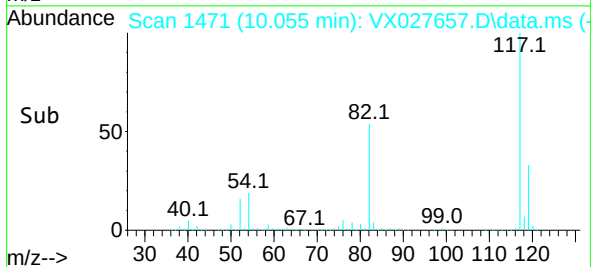
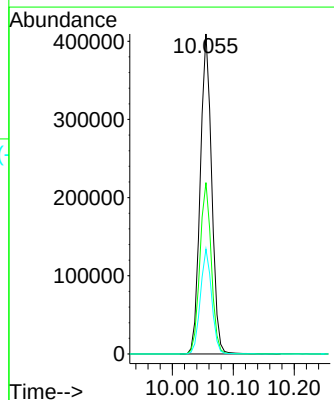
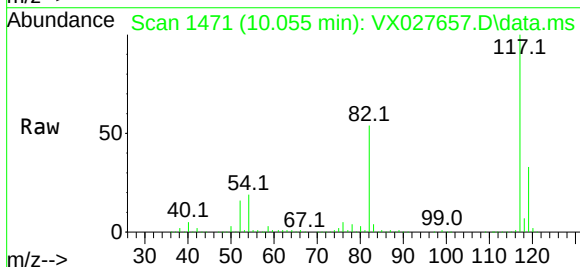
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

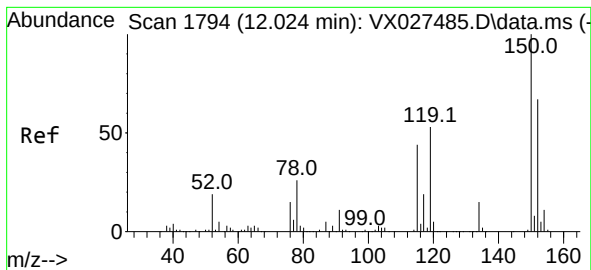
Tgt Ion: 95 Resp: 249918
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 117 Resp: 532113
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.8
119 32.8 24.8 37.2

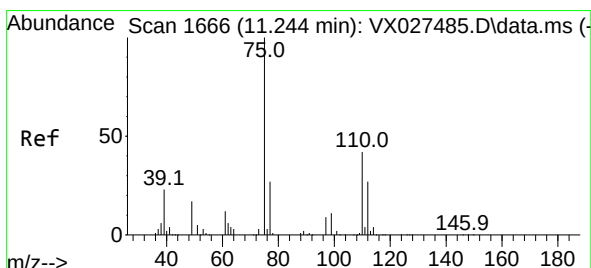
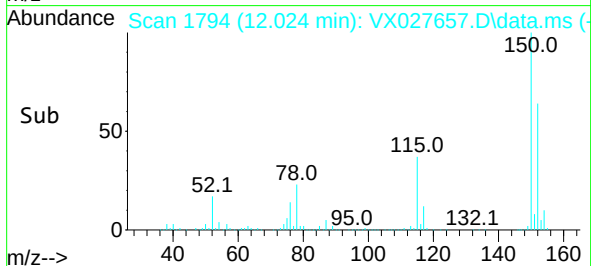
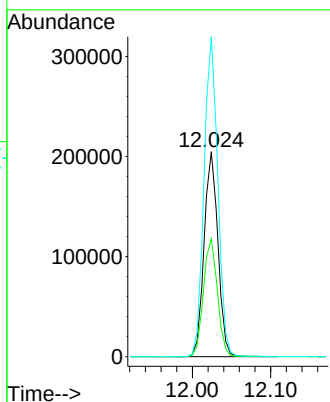
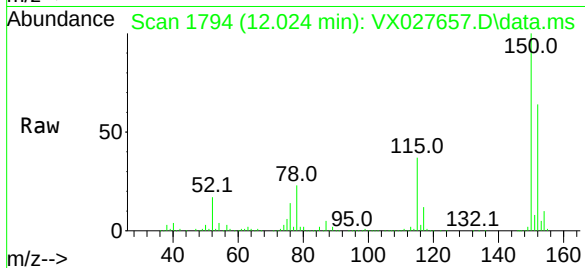




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027657.D
 Acq: 23 Mar 2022 10:41

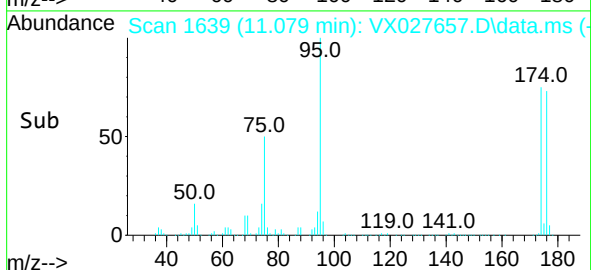
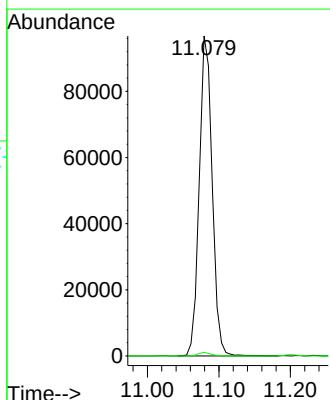
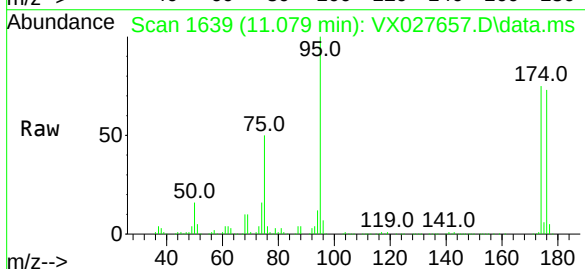
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBL01

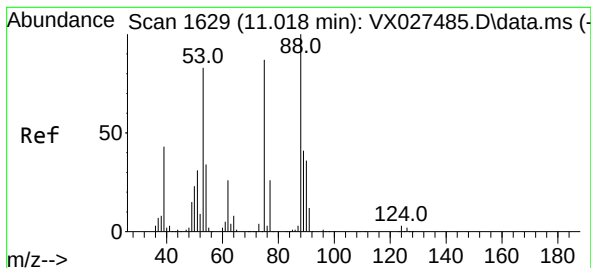
Tgt Ion:152 Resp: 250182
 Ion Ratio Lower Upper
 152 100
 115 58.1 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.214 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027657.D
 Acq: 23 Mar 2022 10:41

Tgt Ion: 75 Resp: 121480
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

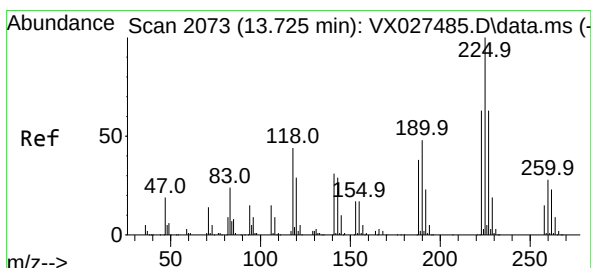
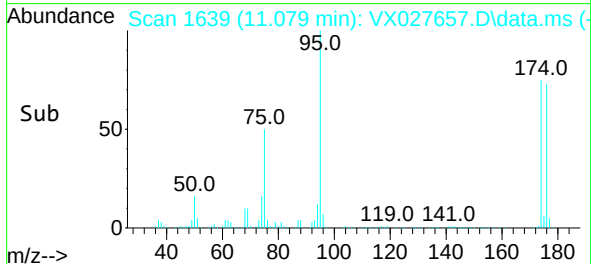
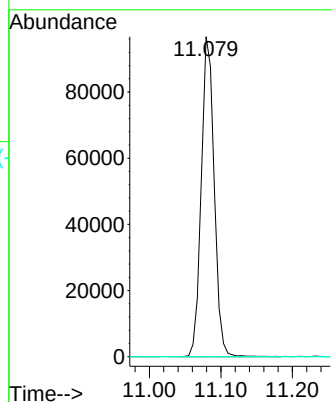
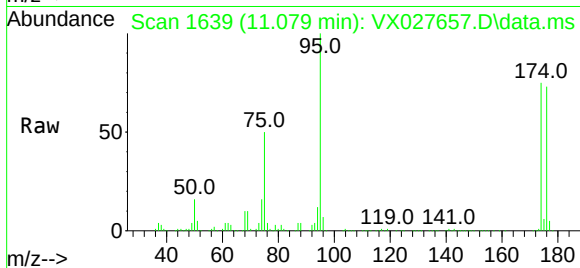




#81
trans-1,4-Dichloro-2-butene
Concen: 70.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

Tgt Ion: 75 Resp: 121480
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.359 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027657.D
Acq: 23 Mar 2022 10:41

Tgt Ion: 225 Resp: 845
Ion Ratio Lower Upper
225 100
223 71.0 34.2 102.5
227 58.6 33.9 101.7

