

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027987.D
 Acq On : 06 Apr 2022 10:44
 Operator : JC/MD
 Sample : VX0406MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406MBL01

Quant Time: Apr 07 08:02:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

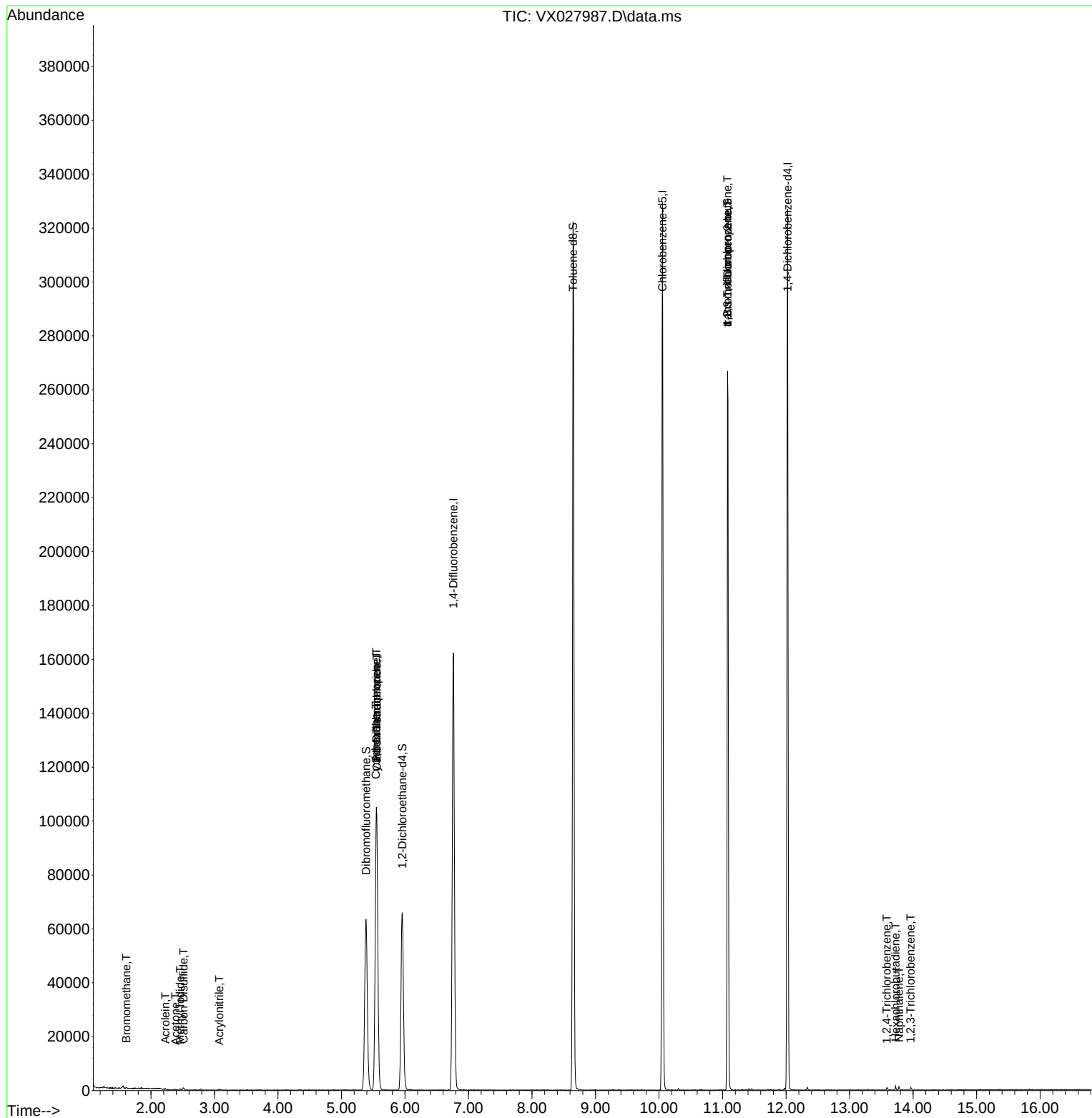
Internal Standards						
1) Pentafluorobenzene	5.550	168	94475	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	160079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68349	57.986	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.980%			
35) Dibromofluoromethane	5.385	113	55385	51.126	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.260%			
50) Toluene-d8	8.647	98	188968	47.744	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.480%			
62) 4-Bromofluorobenzene	11.079	95	74111	47.615	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	260	0.676	ug/l	# 76
6) Chloroethane	1.685	64	84	Below Cal		# 43
10) Methyl Iodide	2.459	142	441	3.846	ug/l	# 90
13) Acrolein	2.227	56	62	0.318	ug/l	# 15
15) Acrylonitrile	3.075	53	122	0.237	ug/l	# 68
16) Acetone	2.386	43	315	0.714	ug/l	# 99
17) Carbon Disulfide	2.514	76	970	0.406	ug/l	# 86
31) Cyclohexane	5.544	56	2220	1.455	ug/l	# 37
36) 1,1-Dichloropropene	5.550	75	8134	5.711	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	10349	6.538	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	38023	28.233	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	38023	89.007	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.585	180	326	0.231	ug/l	# 88
94) Hexachlorobutadiene	13.725	225	277	0.410	ug/l	# 88
95) Naphthalene	13.780	128	1052	0.229	ug/l	# 87
96) 1,2,3-Trichlorobenzene	13.963	180	392	0.284	ug/l	# 86

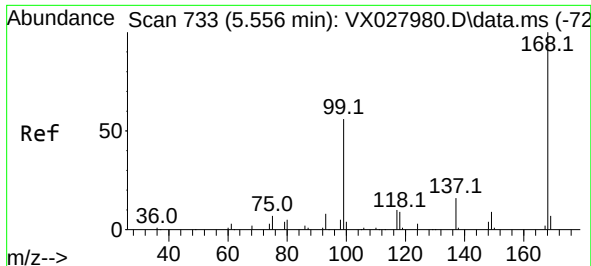
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 07 08:02:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
Quant Title : SW846 8260
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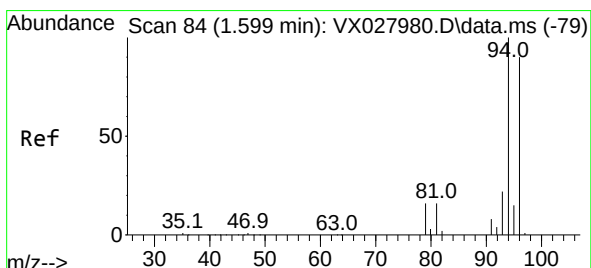
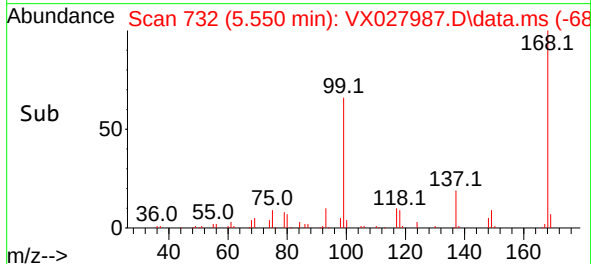
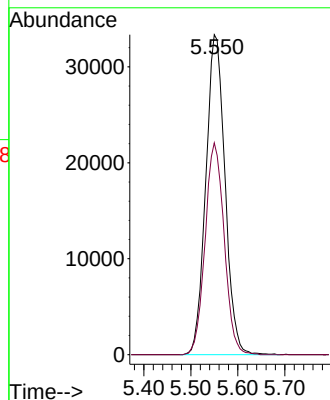
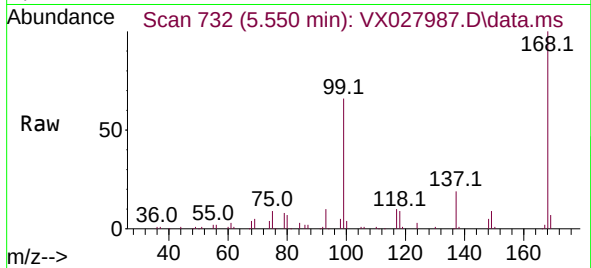




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

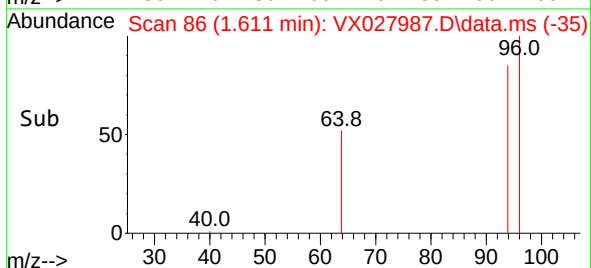
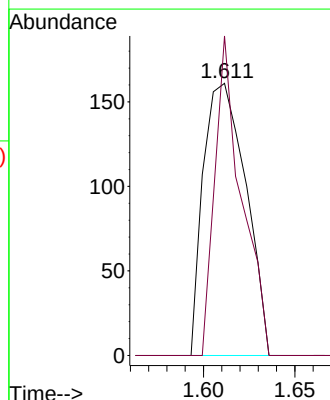
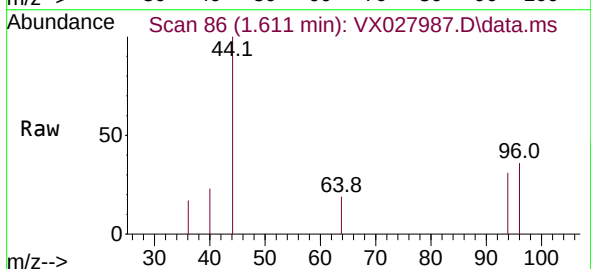
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

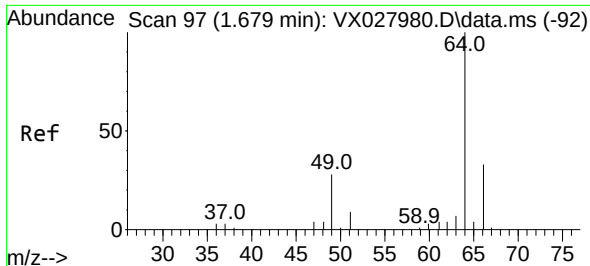
Tgt Ion:168 Resp: 94475
Ion Ratio Lower Upper
168 100
99 66.2 41.7 62.5#



#5
Bromomethane
Concen: 0.676 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 117.4 75.3 112.9#

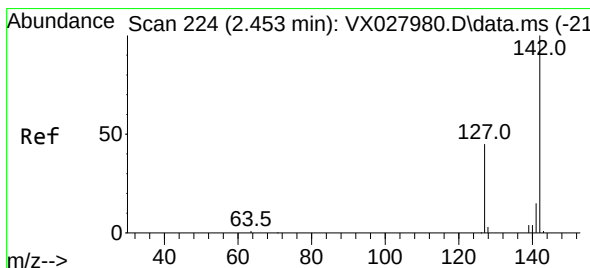
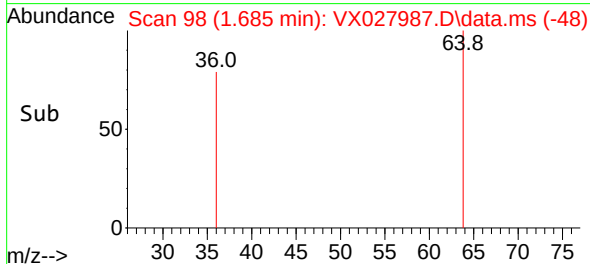
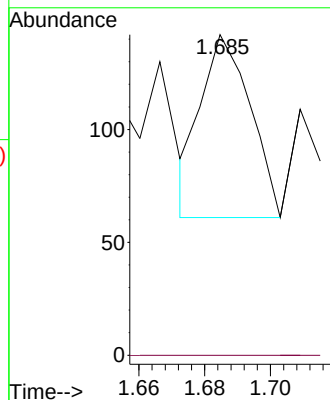
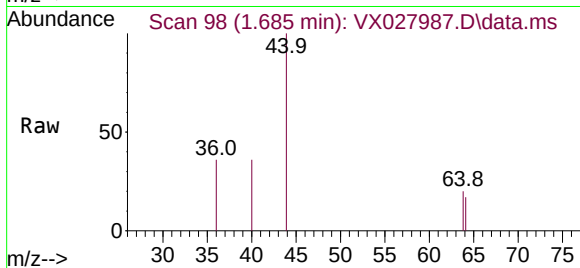




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

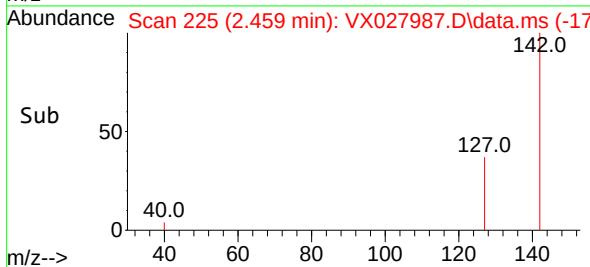
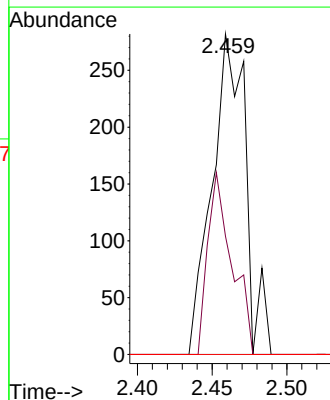
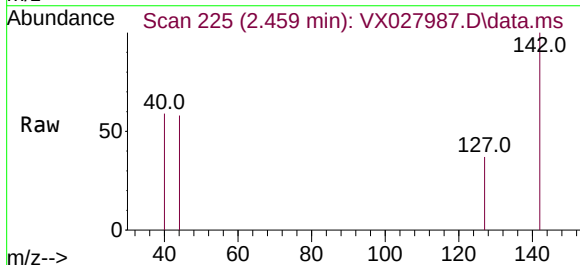
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

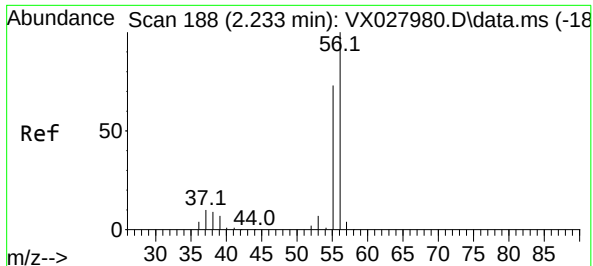
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.846 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 142 Resp: 441
Ion Ratio Lower Upper
142 100
127 41.0 33.9 50.9
141 0.0 11.4 17.2#

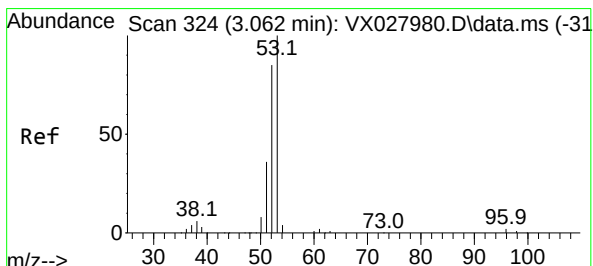
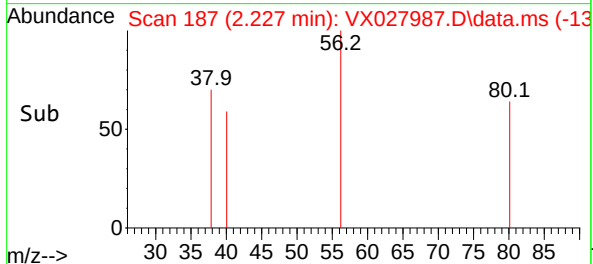
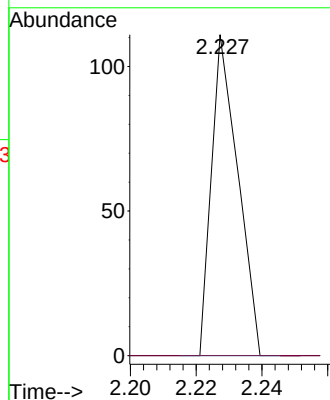
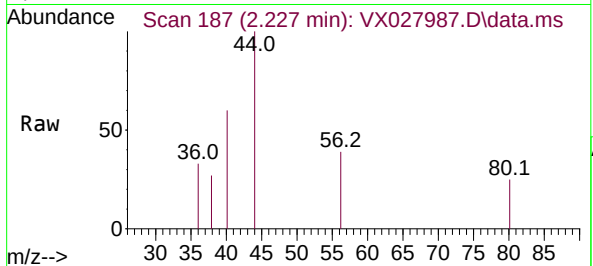




#13
Acrolein
Concen: 0.318 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

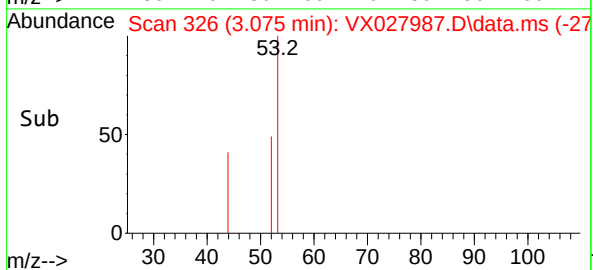
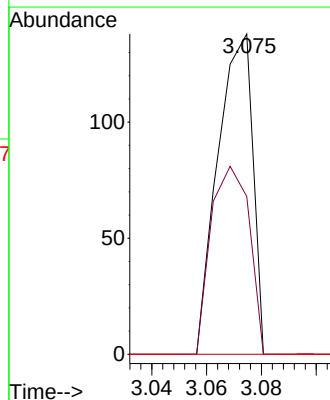
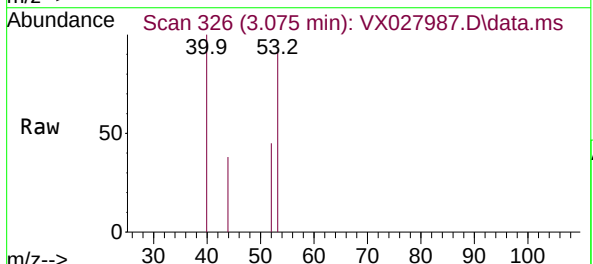
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

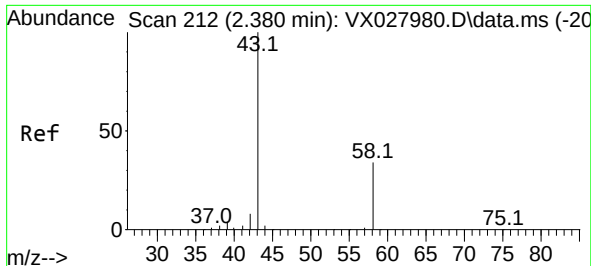
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#15
Acrylonitrile
Concen: 0.237 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 53 Resp: 122
Ion Ratio Lower Upper
53 100
52 64.8 65.7 98.5#
51 0.0 28.4 42.6#

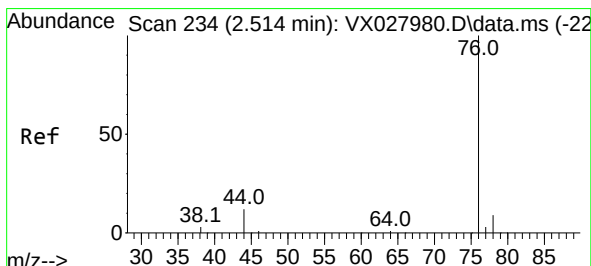
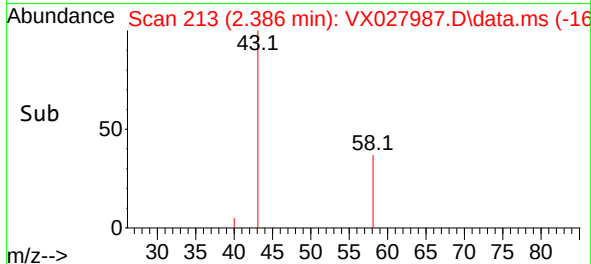
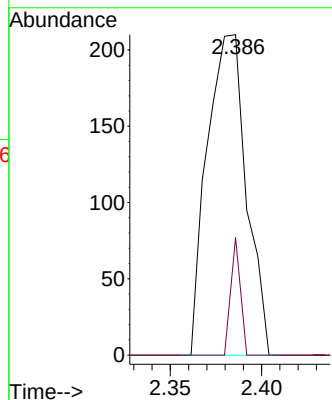
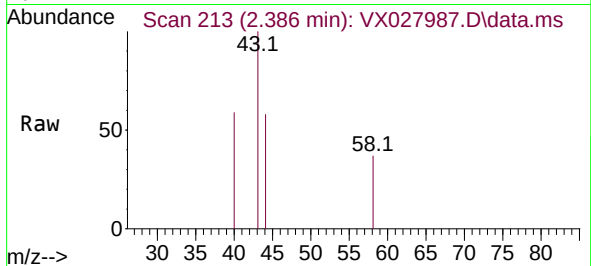




#16
Acetone
Concen: 0.714 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

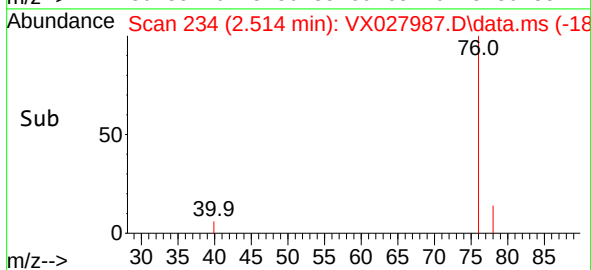
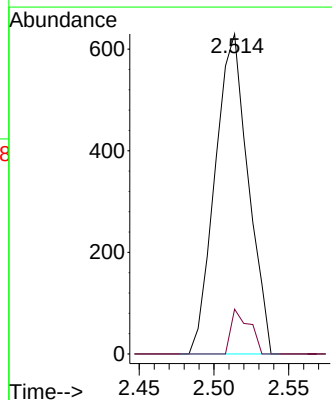
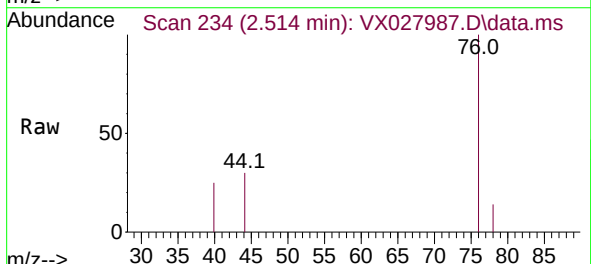
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

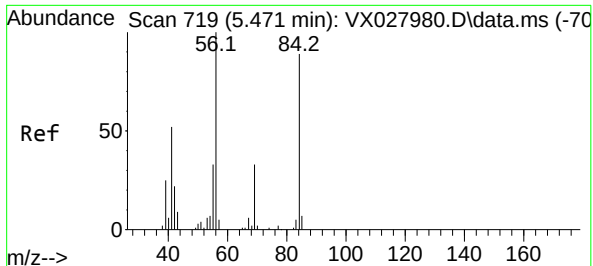
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 36.7 28.8 43.2



#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 76 Resp: 970
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#

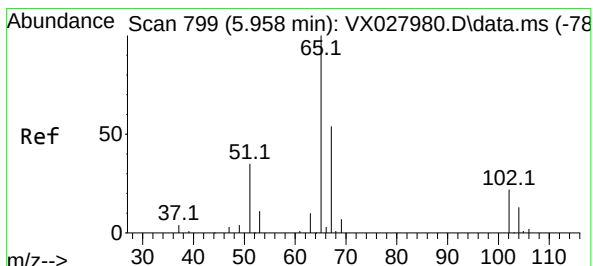
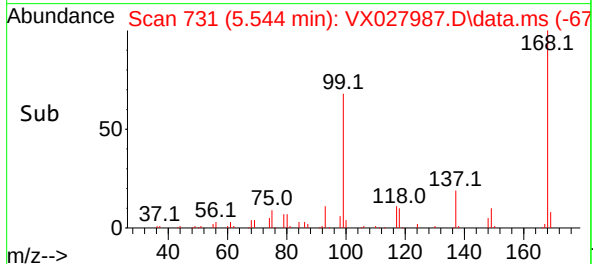
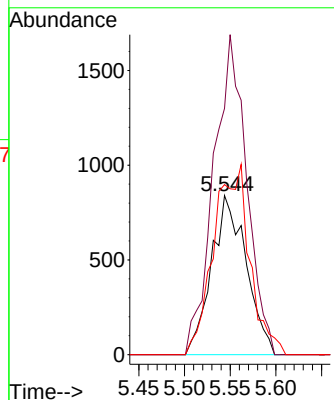
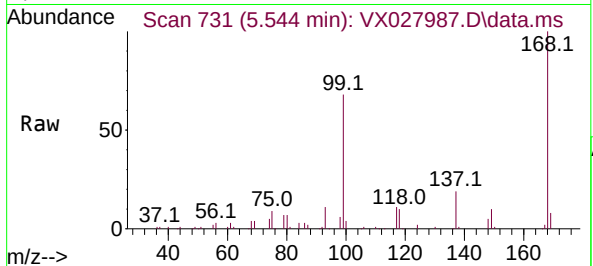




#31
Cyclohexane
Concen: 1.455 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

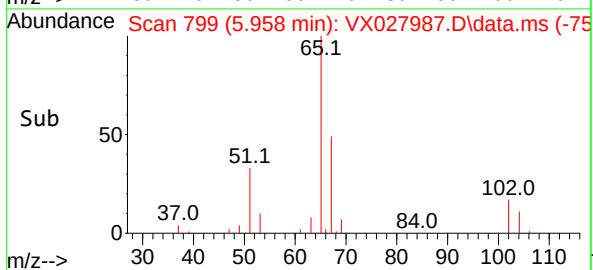
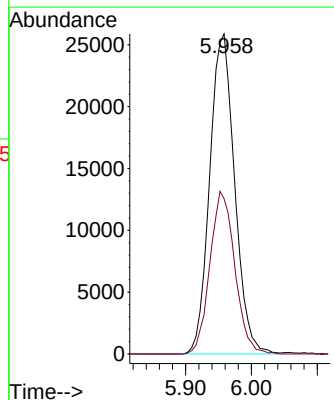
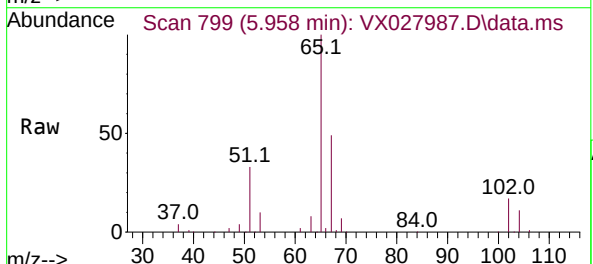
Instrument :
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ClientSampleId :
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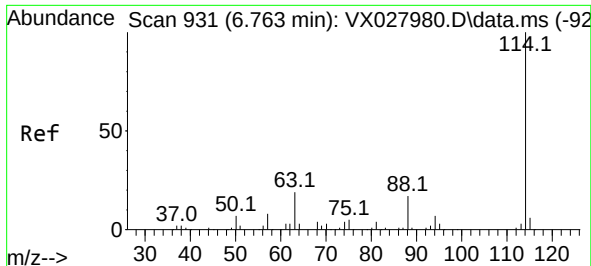
Tgt Ion: 56 Resp: 2220
Ion Ratio Lower Upper
56 100
69 154.8 26.7 40.1#
84 106.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 57.986 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 65 Resp: 68349
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

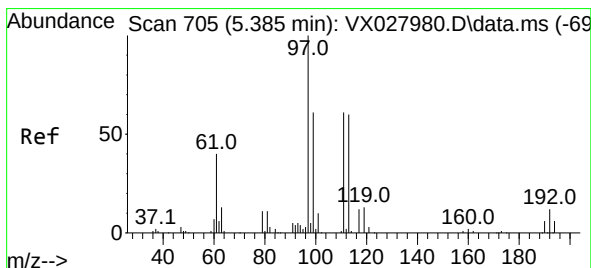
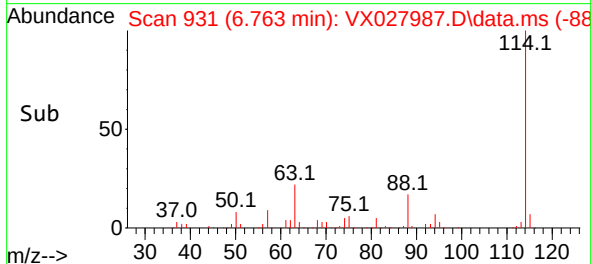
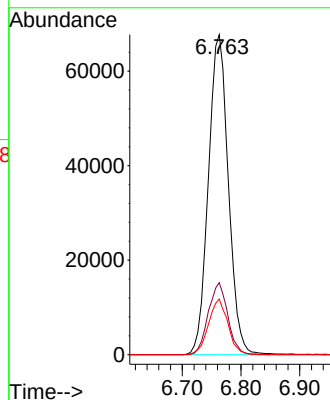
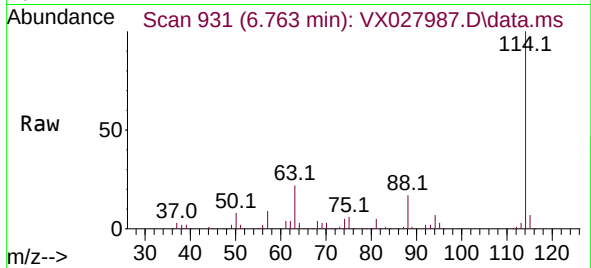




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

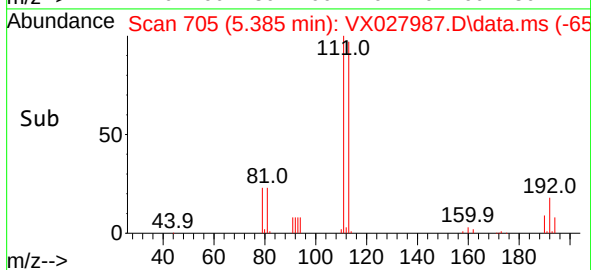
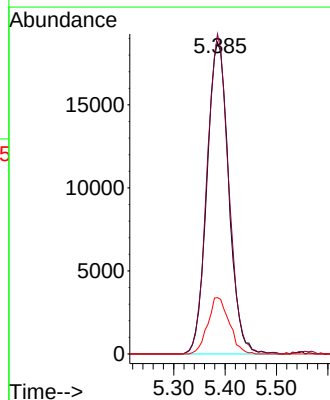
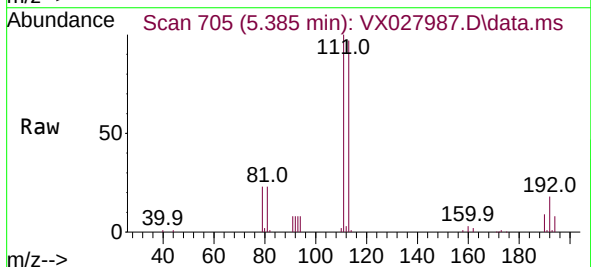
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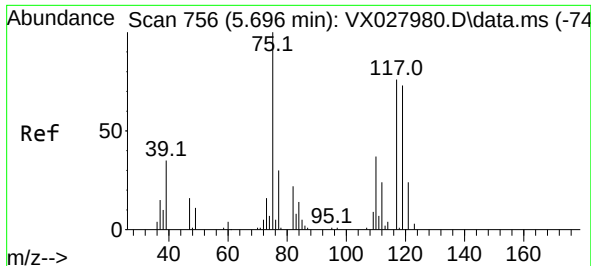
Tgt Ion:114 Resp: 160079
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.8
88 17.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.126 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion:113 Resp: 55385
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 17.7 16.9 25.3

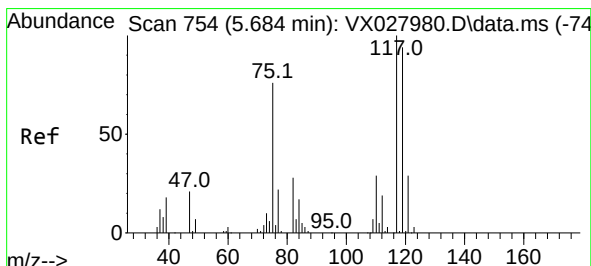
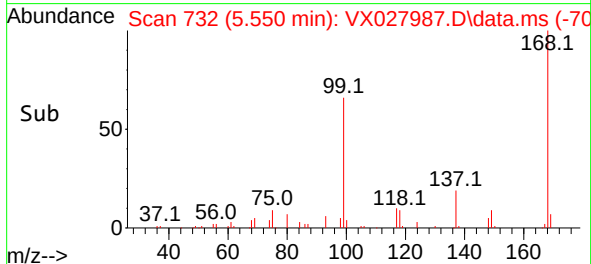
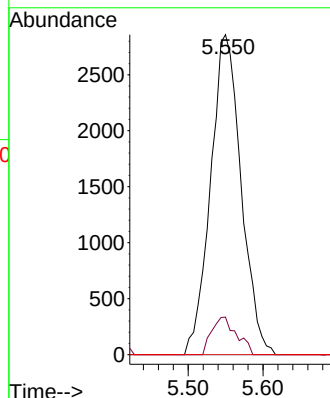
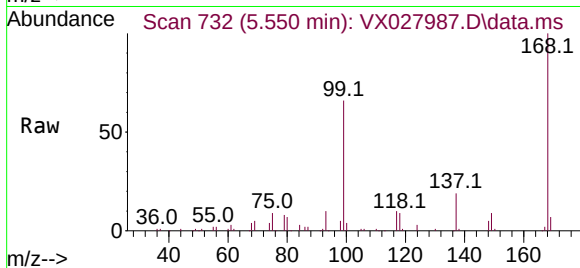




#36
1,1-Dichloropropene
Concen: 5.711 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

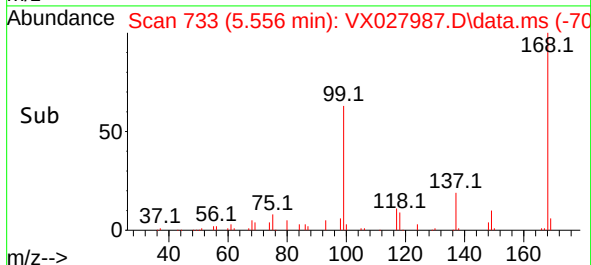
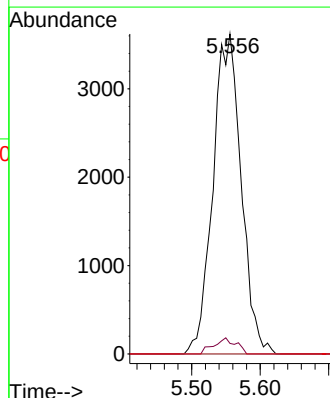
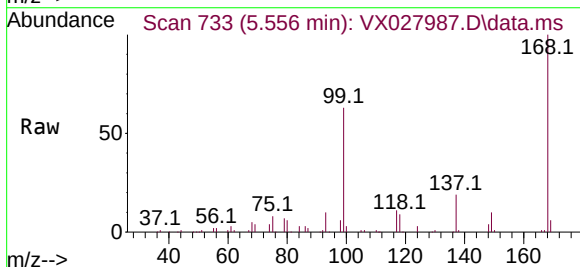
Instrument :
MSVOA_X
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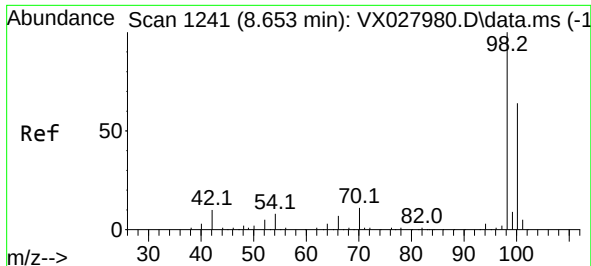
Tgt Ion: 75 Resp: 8134
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 117 Resp: 10349
Ion Ratio Lower Upper
117 100
119 3.3 77.3 115.9#
121 0.0 24.2 36.2#

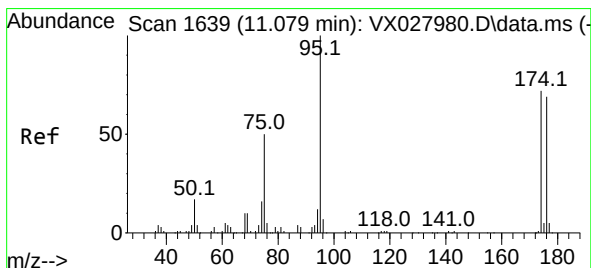
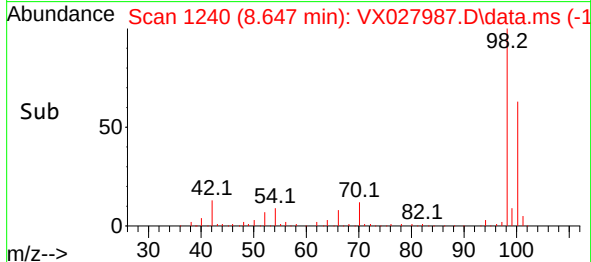
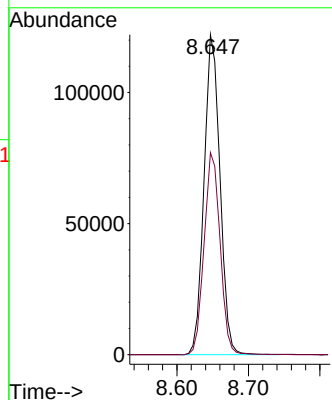
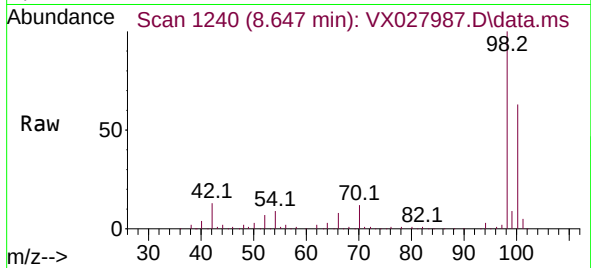




#50
Toluene-d8
Concen: 47.744 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

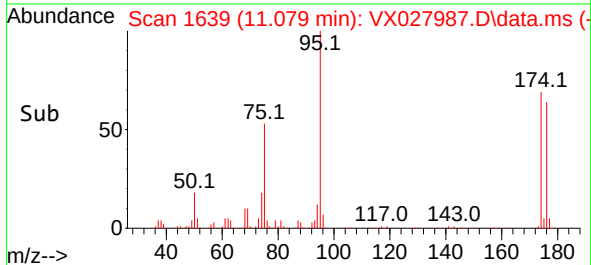
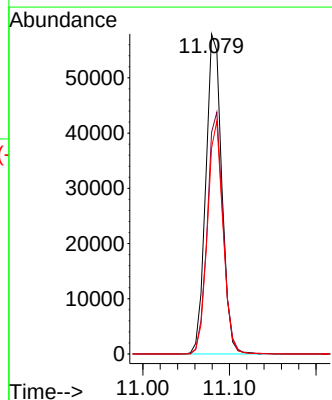
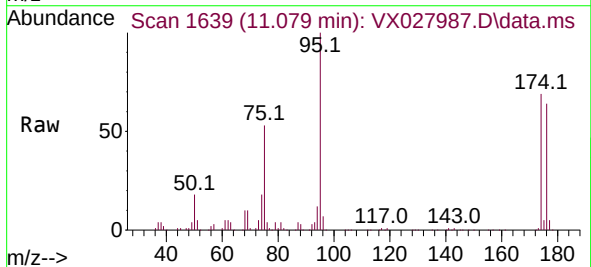
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

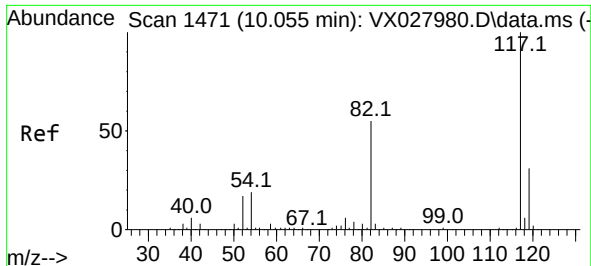
Tgt Ion: 98 Resp: 188968
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion: 95 Resp: 74111
Ion Ratio Lower Upper
95 100
174 75.0 0.0 163.0
176 71.2 0.0 155.0

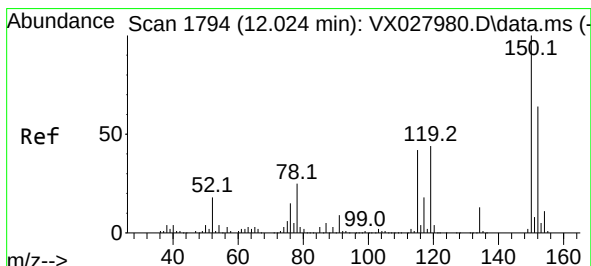
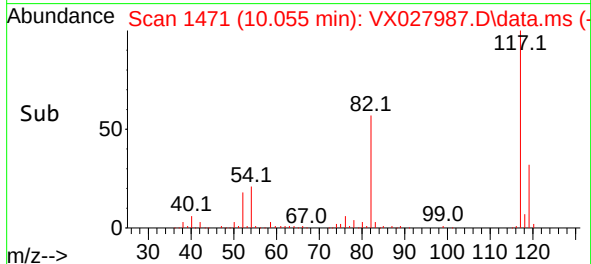
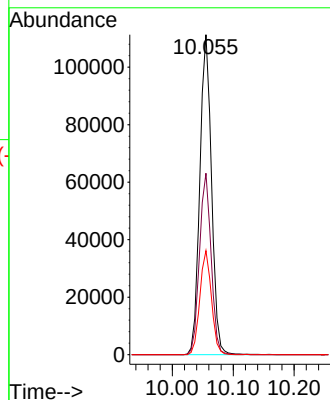
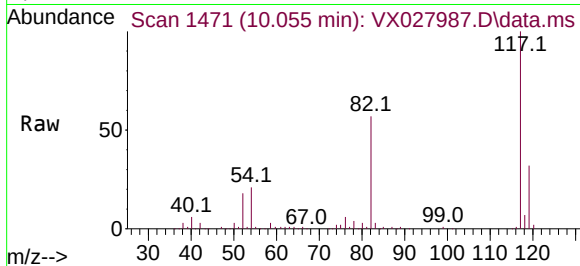




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

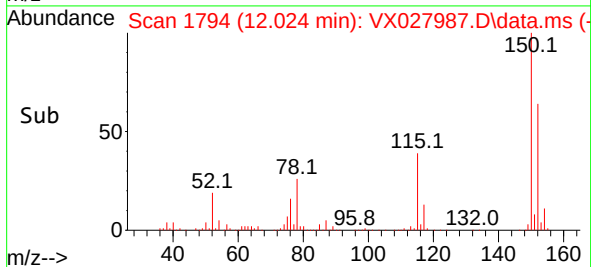
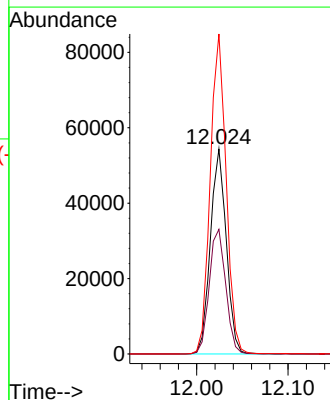
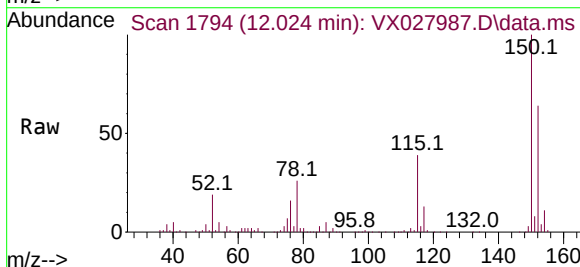
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

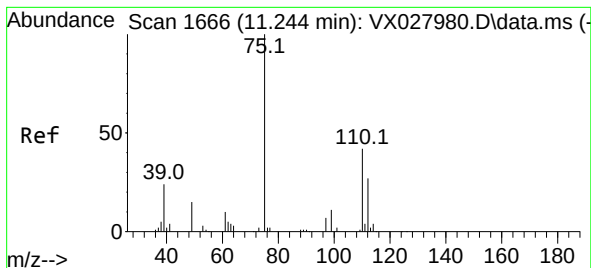
Tgt Ion:117 Resp: 148069
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion:152 Resp: 65595
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 156.0 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 28.233 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX027987.D

Acq: 06 Apr 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

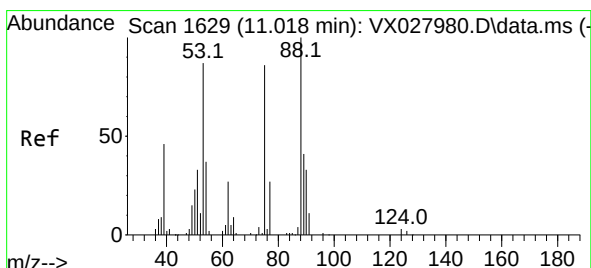
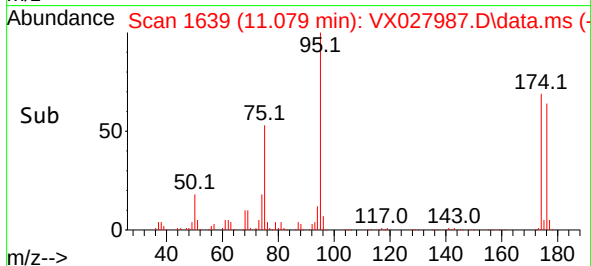
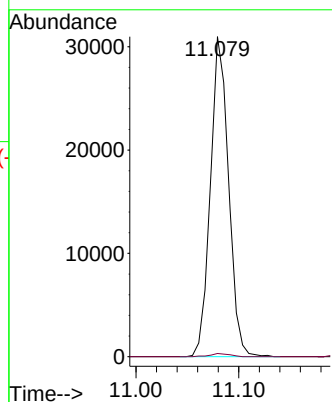
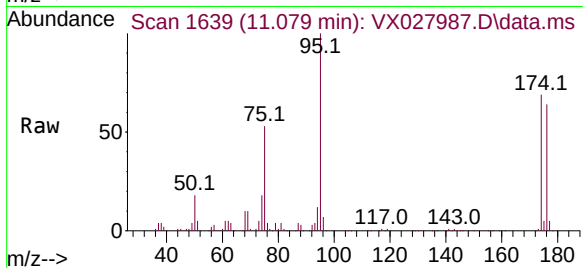
VX0406MBL01

Tgt Ion: 75 Resp: 38023

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.007 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX027987.D

Acq: 06 Apr 2022 10:44

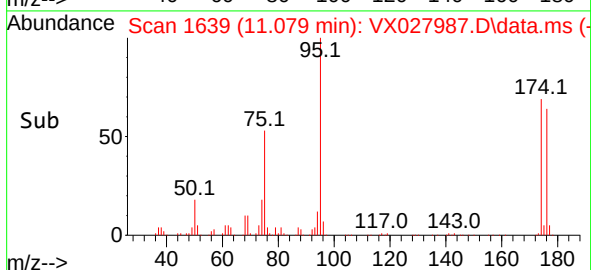
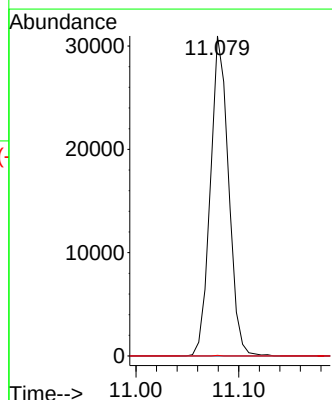
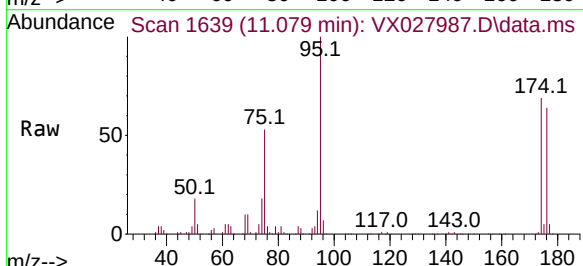
Tgt Ion: 75 Resp: 38023

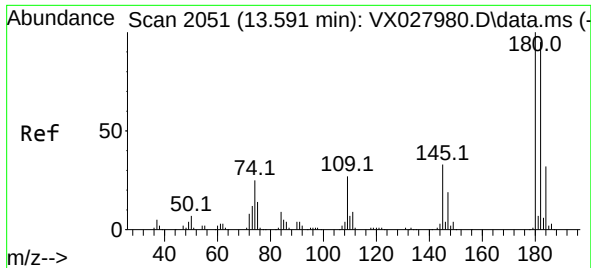
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.1 37.0 55.6#

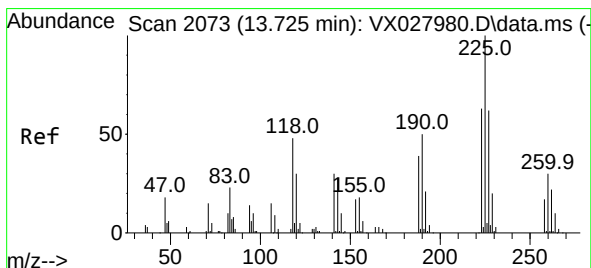
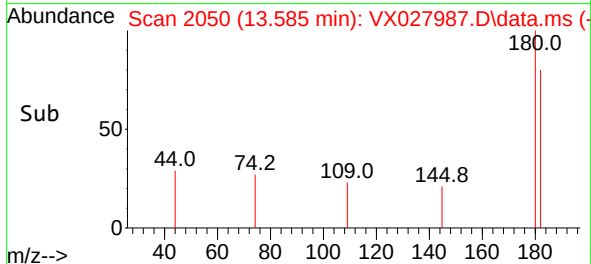
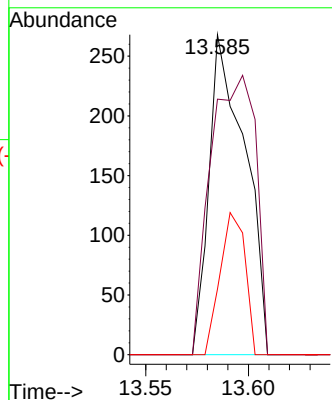
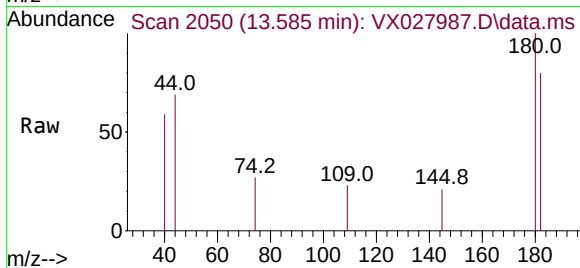




#93
1,2,4-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

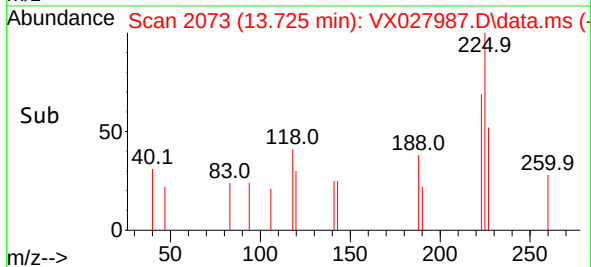
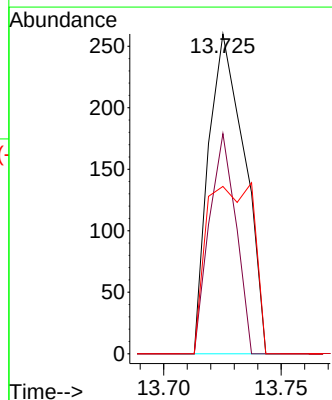
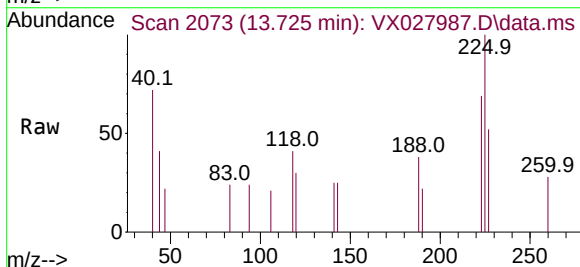
Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

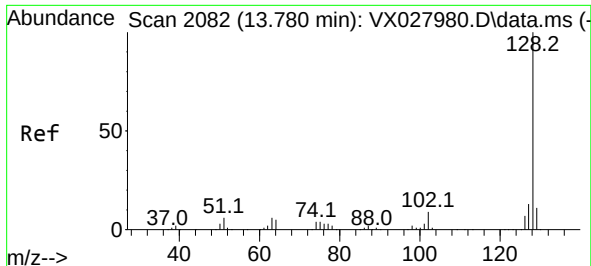
Tgt Ion:180 Resp: 326
Ion Ratio Lower Upper
180 100
182 110.1 47.7 143.1
145 31.0 15.2 45.5



#94
Hexachlorobutadiene
Concen: 0.410 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion:225 Resp: 277
Ion Ratio Lower Upper
225 100
223 50.9 34.2 102.5
227 69.3 33.9 101.7

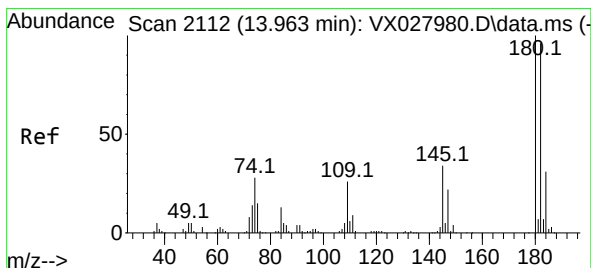
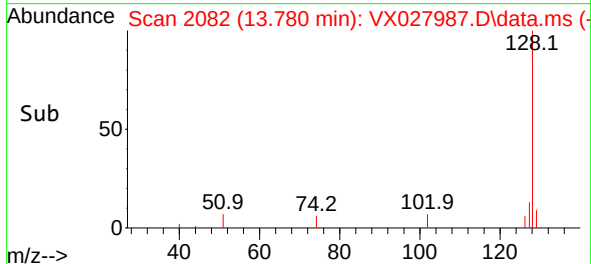
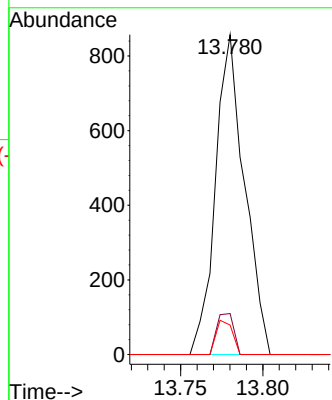
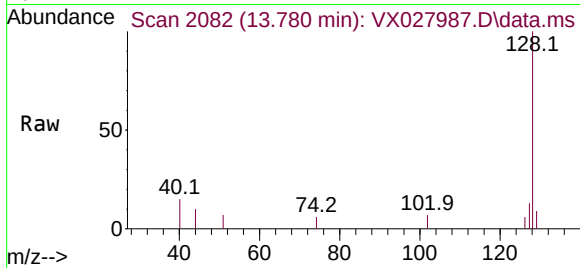




#95
Naphthalene
Concen: 0.229 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0406MBL01

Tgt Ion:128 Resp: 1052
Ion Ratio Lower Upper
128 100
127 7.5 10.2 15.4#
129 6.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.284 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027987.D
Acq: 06 Apr 2022 10:44

Tgt Ion:180 Resp: 392
Ion Ratio Lower Upper
180 100
182 82.9 50.0 149.8
145 29.3 16.2 48.5

