

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022352.D
 Acq On : 03 Jun 2021 09:42
 Operator : JC/MD
 Sample : VX0603MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBL01

Quant Time: Jun 03 13:02:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

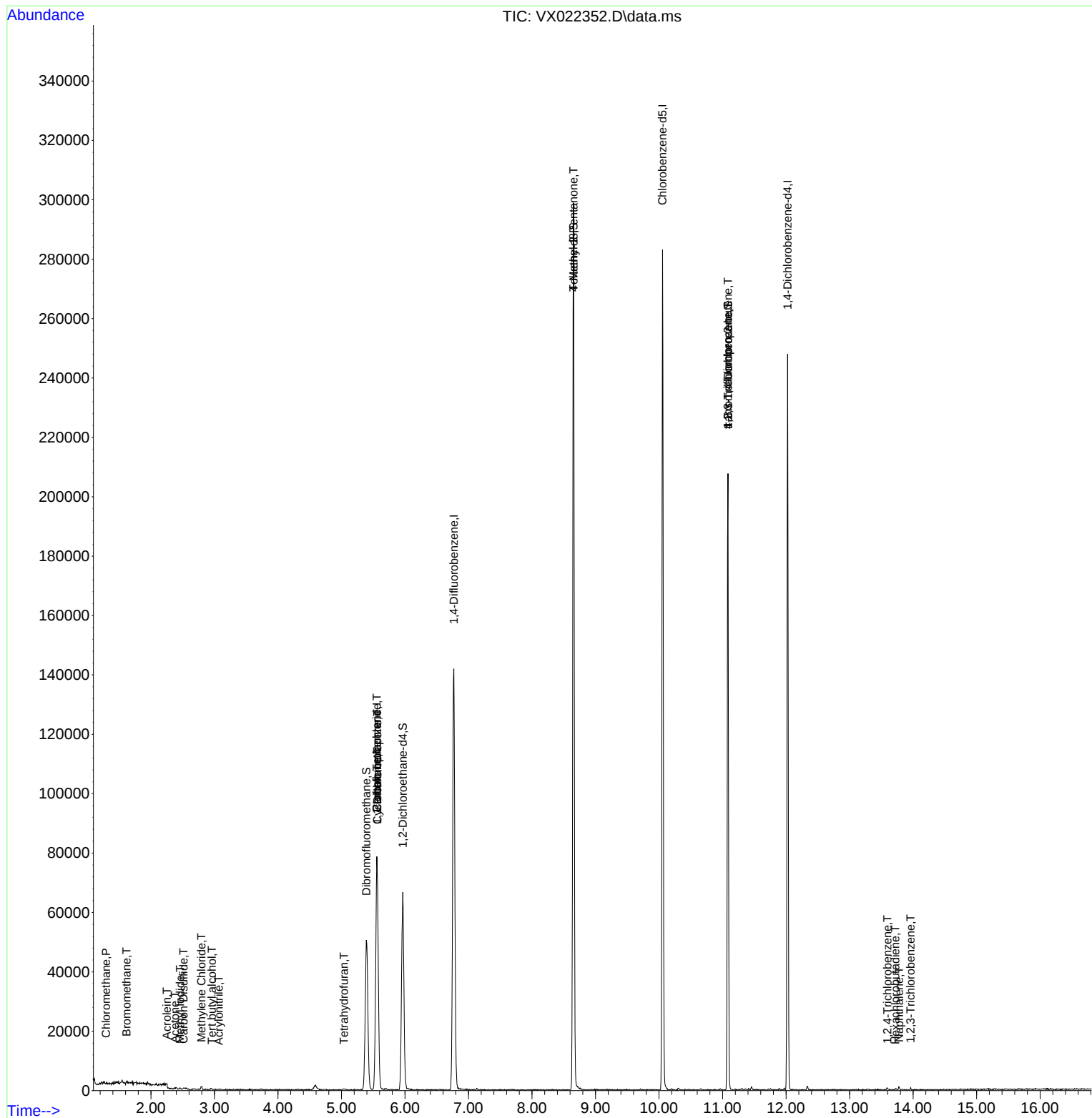
Internal Standards						
1) Pentafluorobenzene	5.556	168	66460	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58368	56.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.86%	
35) Dibromofluoromethane	5.391	113	43947	48.78	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.56%	
50) Toluene-d8	8.653	98	174132	50.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.36%	
62) 4-Bromofluorobenzene	11.085	95	58219	45.39	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.78%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	287	0.33	ug/l	# 36
5) Bromomethane	1.618	94	289	0.54	ug/l	# 23
10) Methyl Iodide	2.459	142	332	0.39	ug/l	# 90
11) Tert butyl alcohol	2.959	59	208	0.89	ug/l	# 73
13) Acrolein	2.252	56	76	0.49	ug/l	# 35
15) Acrylonitrile	3.069	53	99	0.21	ug/l	# 51
16) Acetone	2.380	43	631	1.41	ug/l	# 74
17) Carbon Disulfide	2.514	76	597	0.30	ug/l	# 75
20) Methylene Chloride	2.794	84	387	0.39	ug/l	# 79
29) Tetrahydrofuran	5.038	42	221	0.51	ug/l	# 54
31) Cyclohexane	5.562	56	1951	1.51	ug/l	# 9
36) 1,1-Dichloropropene	5.562	75	6699	5.10	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7929	6.17	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	943	0.60	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	30427	27.35	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	30427	64.81	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.597	180	307	0.34	ug/l	# 73
94) Hexachlorobutadiene	13.719	225	96	0.27	ug/l	74
95) Naphthalene	13.780	128	830	0.24	ug/l	# 90
96) 1,2,3-Trichlorobenzene	13.963	180	197	0.22	ug/l	# 78

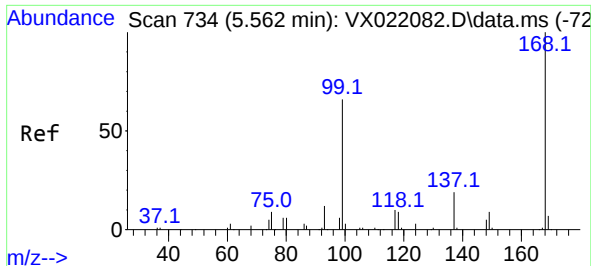
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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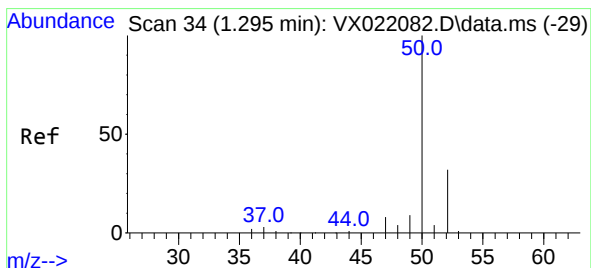
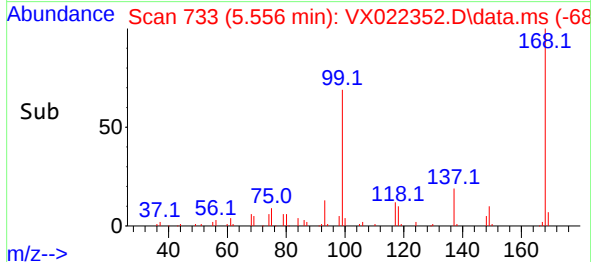
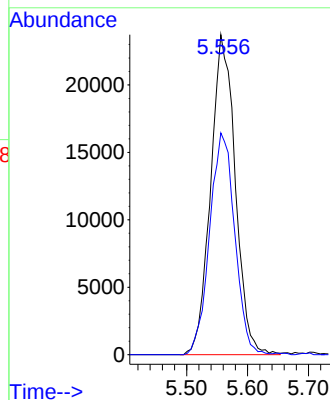
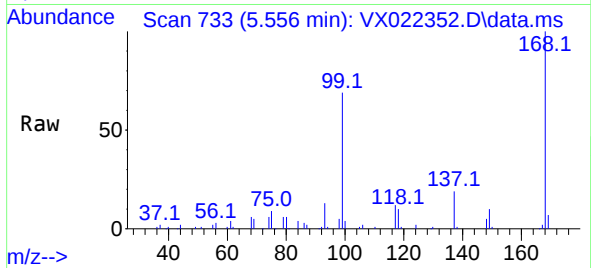




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

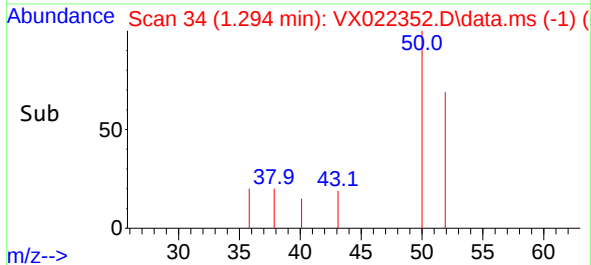
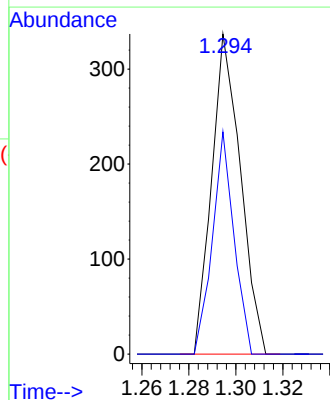
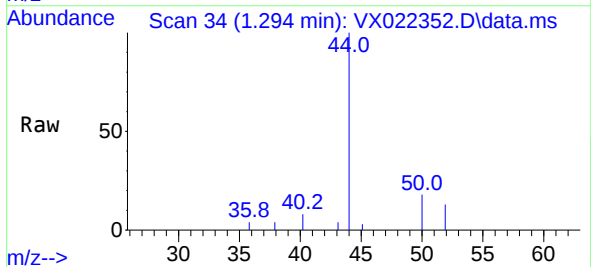
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

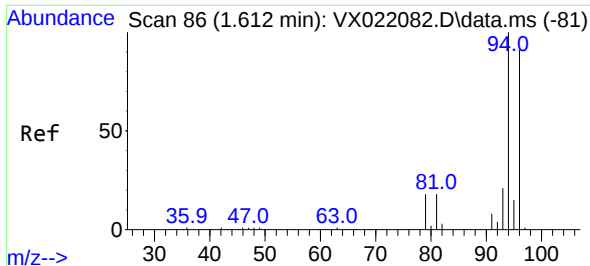
Tgt Ion:168 Resp: 66460
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#3
Chloromethane
Concen: 0.33 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 69.4 26.4 39.6#

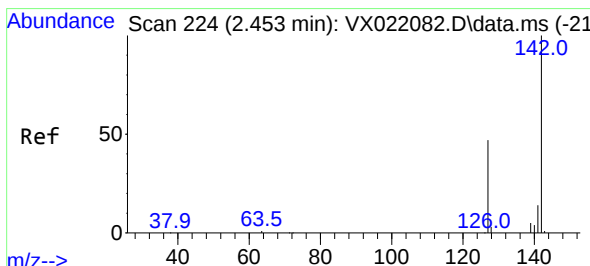
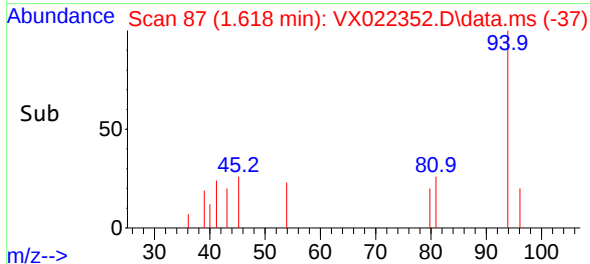
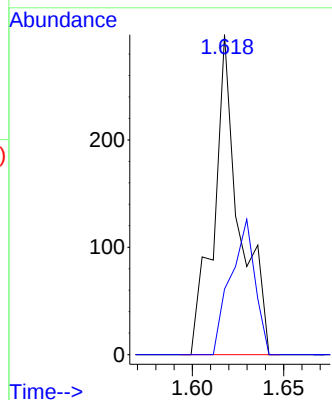
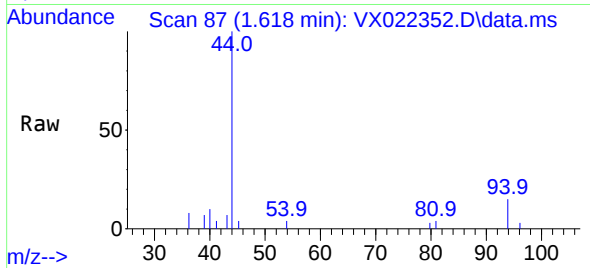




#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

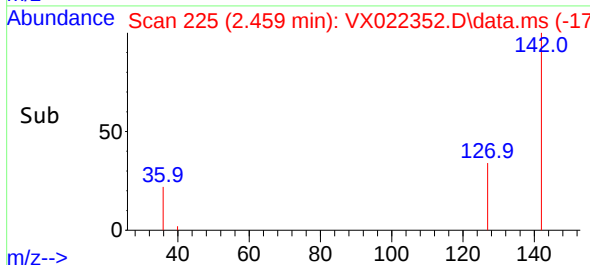
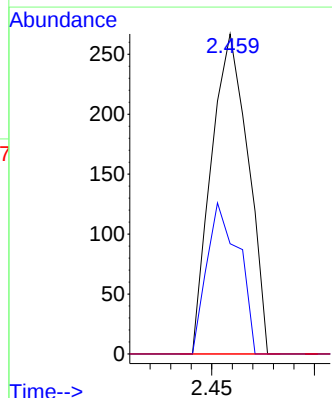
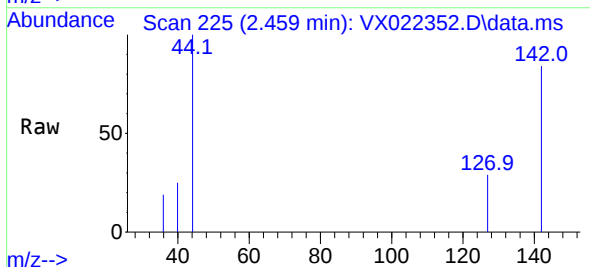
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

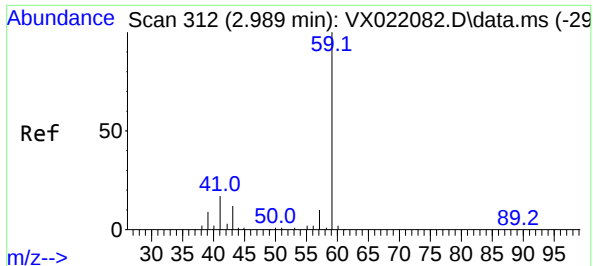
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 20.5 76.4 114.6#



#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 142 Resp: 332
Ion Ratio Lower Upper
142 100
127 41.0 33.3 49.9
141 0.0 11.4 17.0#



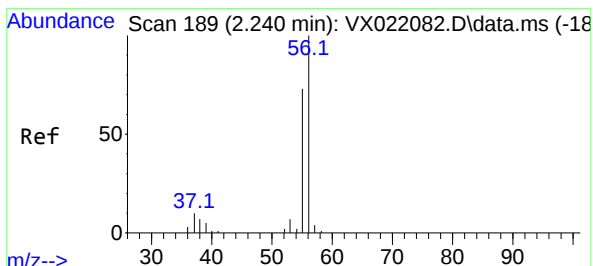
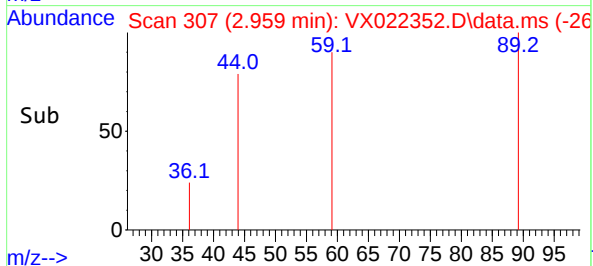
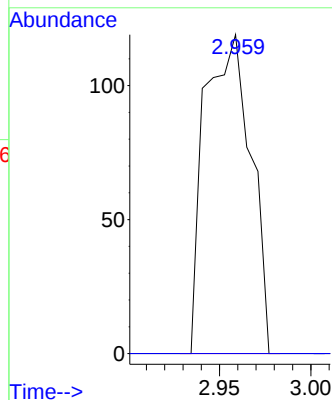
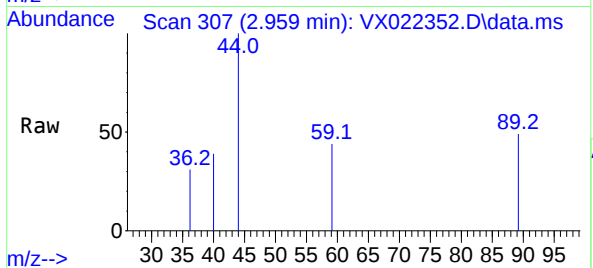


#11

Tert butyl alcohol
Concen: 0.89 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

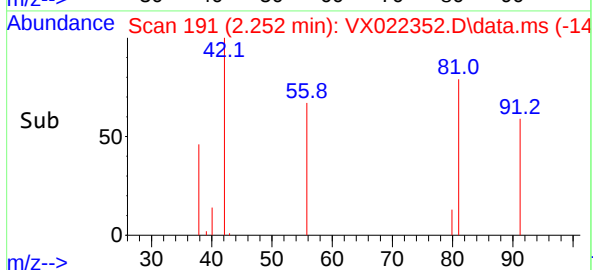
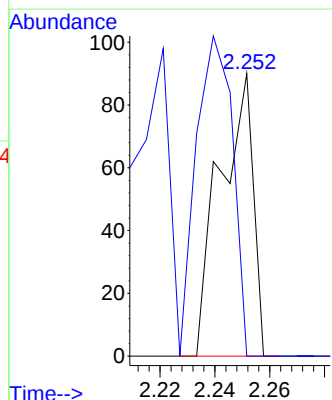
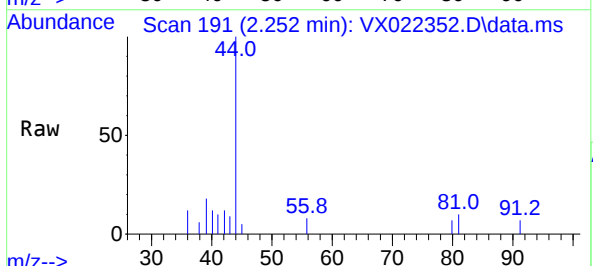
Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

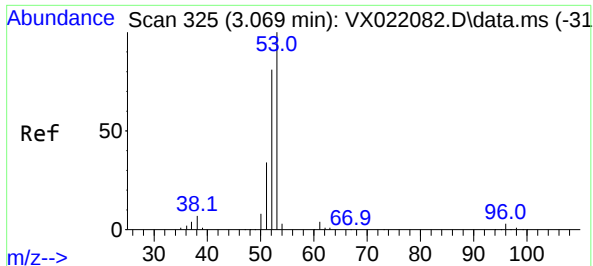


#13

Acrolein
Concen: 0.49 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 123.7 56.4 84.6#

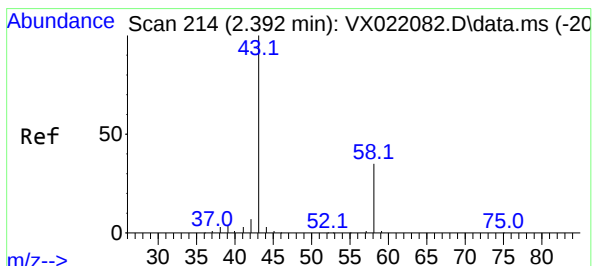
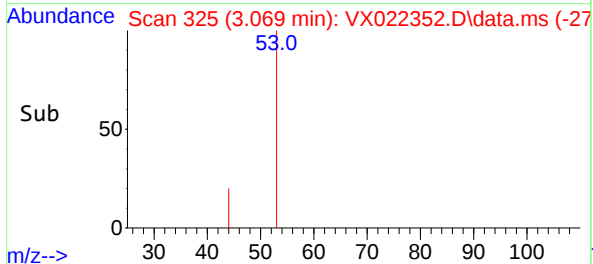
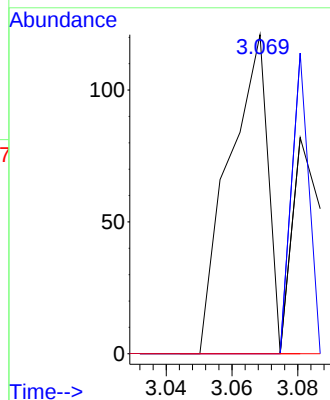
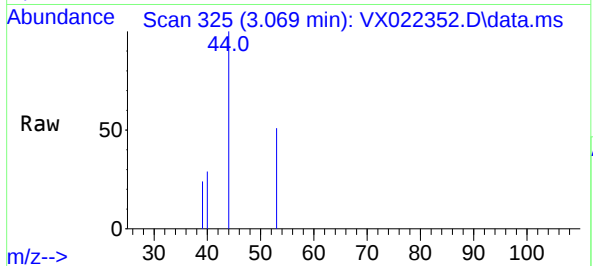




#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

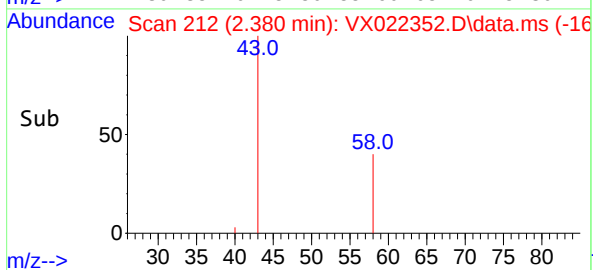
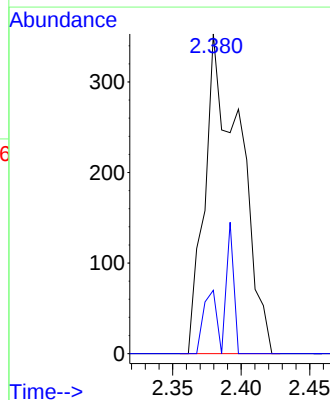
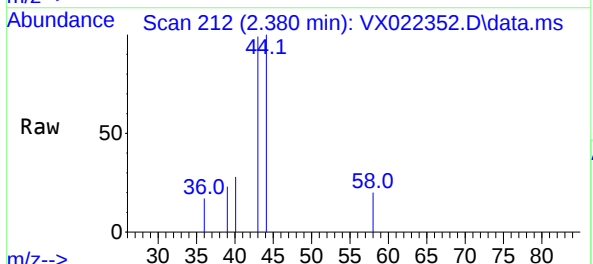
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

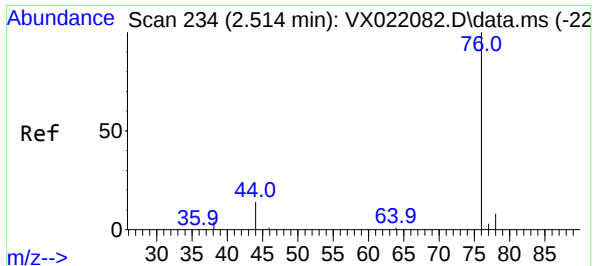
Tgt Ion: 53 Resp: 99
Ion Ratio Lower Upper
53 100
52 42.4 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.41 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 19.8 27.8 41.8#

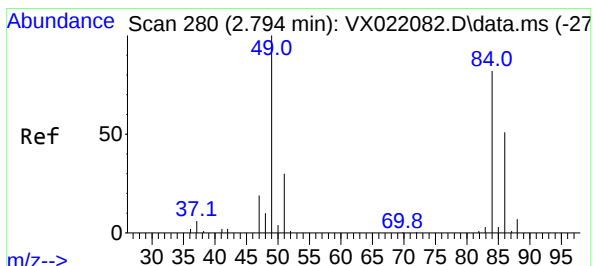
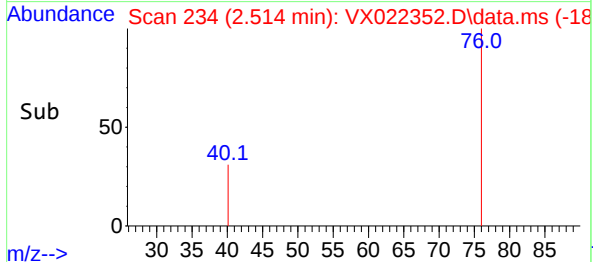
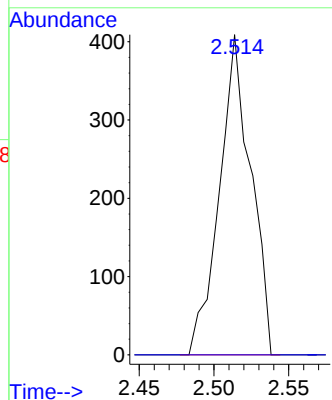
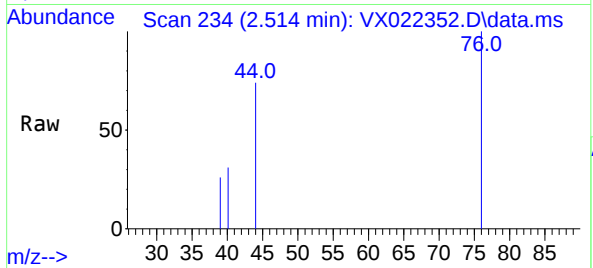




#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

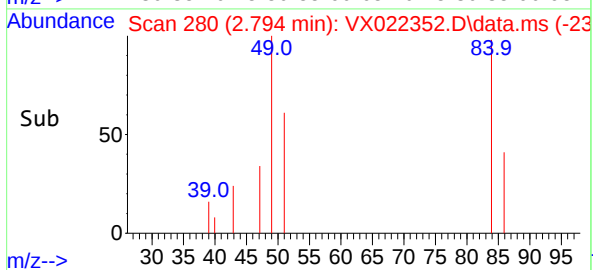
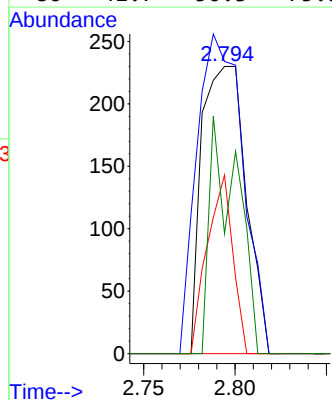
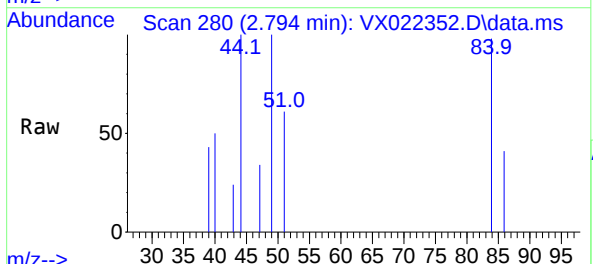
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

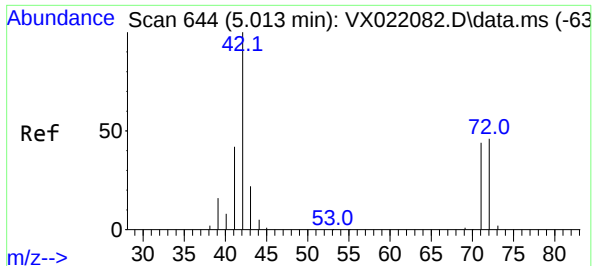
Tgt Ion: 76 Resp: 597
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 84 Resp: 387
Ion Ratio Lower Upper
84 100
49 101.7 88.6 132.8
51 62.2 27.0 40.6#
86 41.7 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.038 min Scan# 648

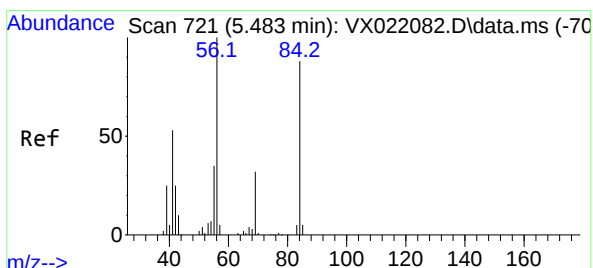
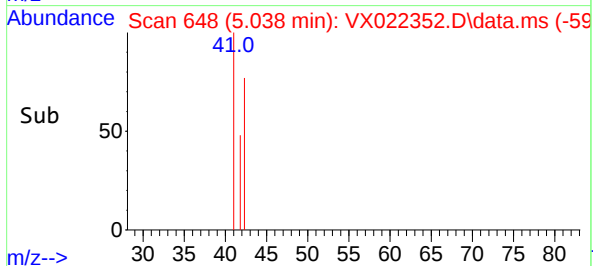
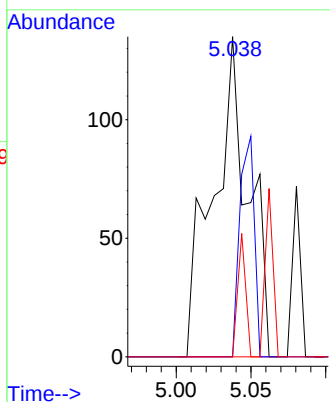
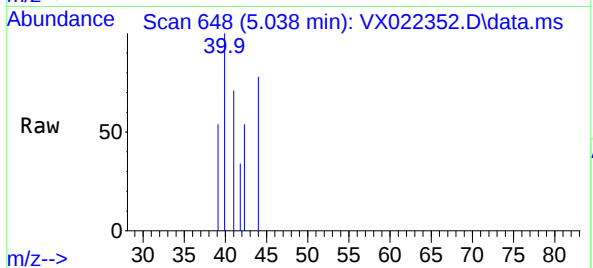
Delta R.T. 0.025 min

Lab File: VX022352.D

Acq: 03 Jun 2021 09:42

Tgt Ion:	42	Resp:	221
Ion	Ratio	Lower	Upper
42	100		
72	28.1	41.7	62.5#
71	8.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01



#31

Cyclohexane

Concen: 1.51 ug/l

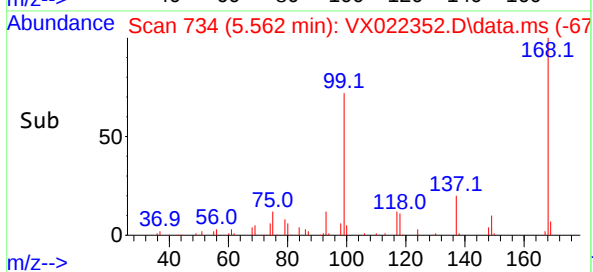
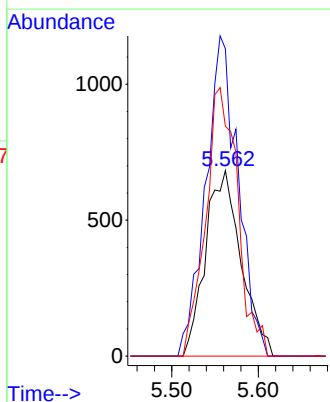
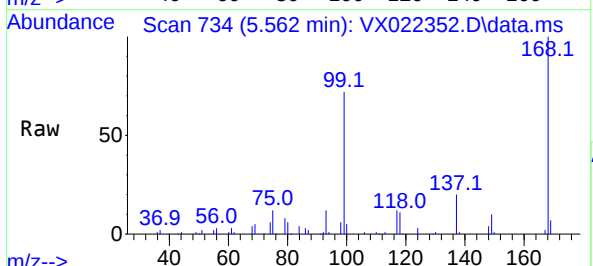
RT: 5.562 min Scan# 734

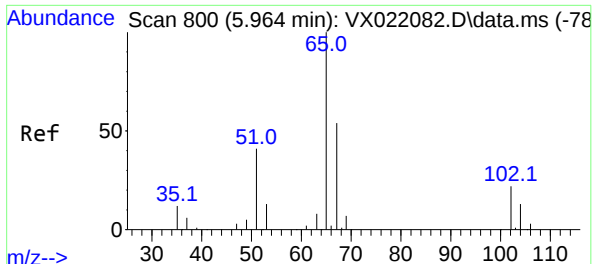
Delta R.T. 0.079 min

Lab File: VX022352.D

Acq: 03 Jun 2021 09:42

Tgt Ion:	56	Resp:	1951
Ion	Ratio	Lower	Upper
56	100		
69	165.6	25.3	37.9#
84	123.9	71.4	107.0#



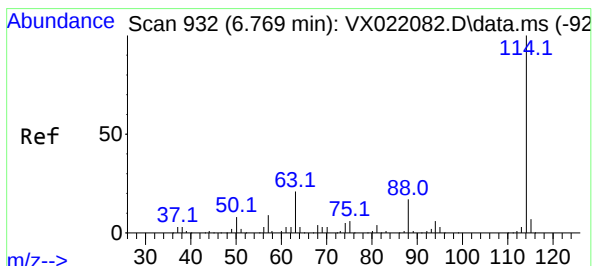
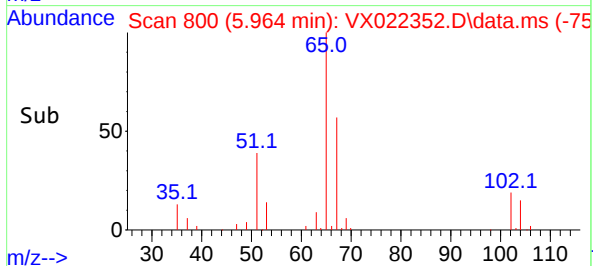
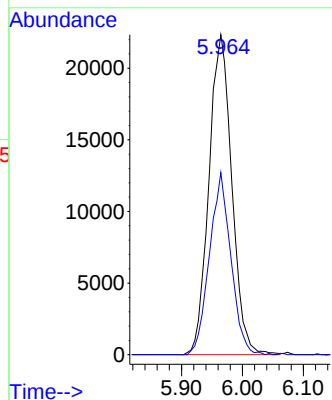
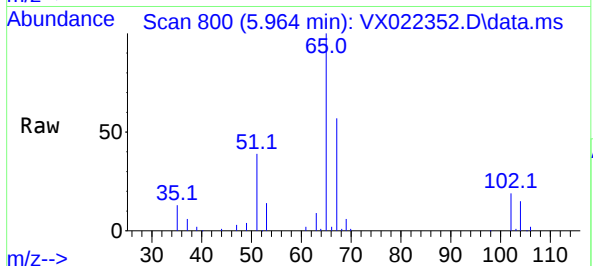


#33

1,2-Dichloroethane-d4
Concen: 56.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

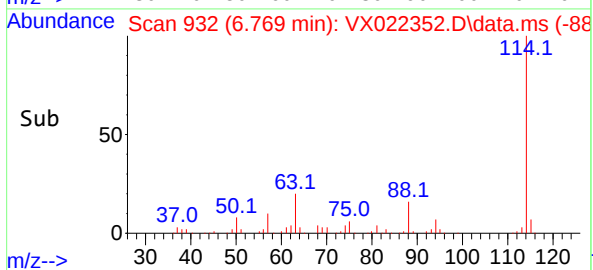
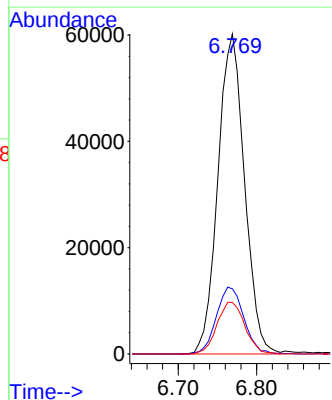
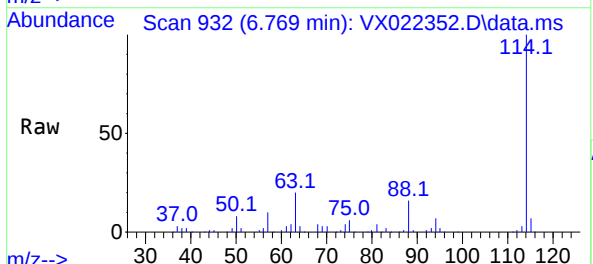
Tgt Ion: 65 Resp: 58368
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

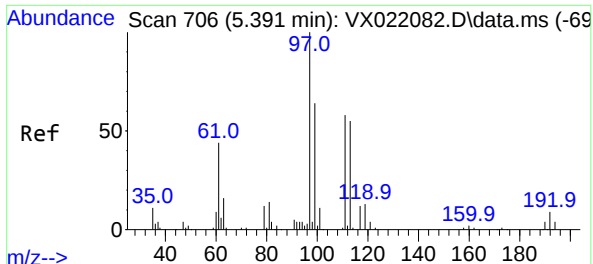


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 114 Resp: 142068
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.1 0.0 32.8

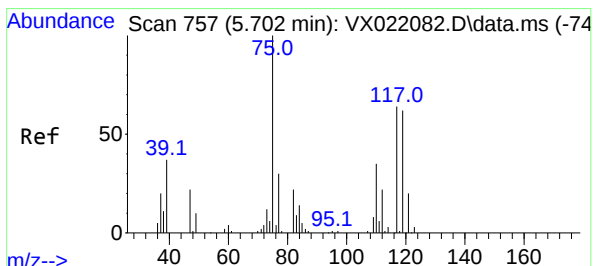
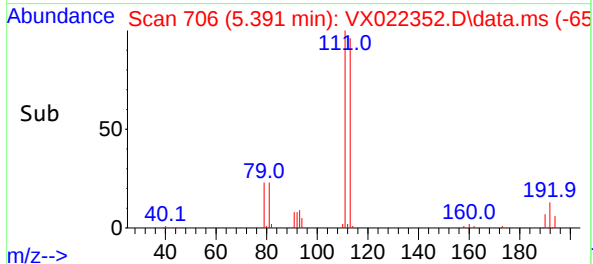
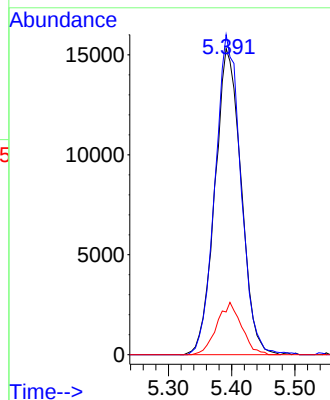
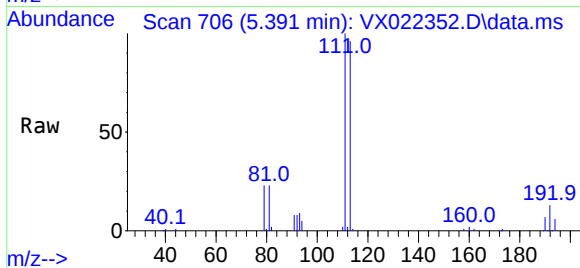




#35
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

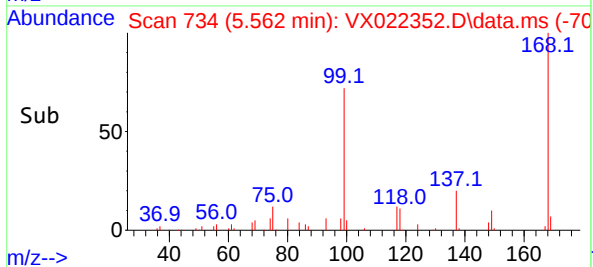
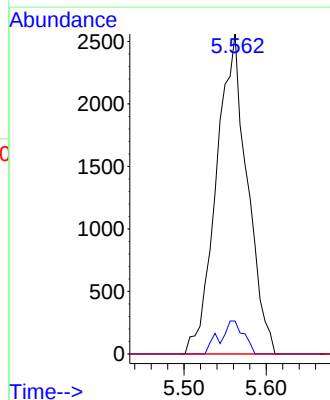
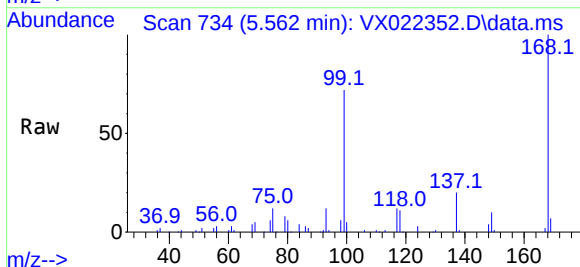
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

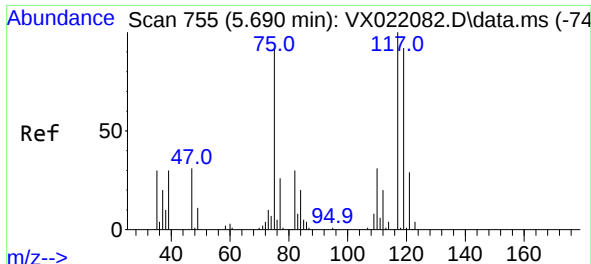
Tgt Ion:113 Resp: 43947
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 16.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

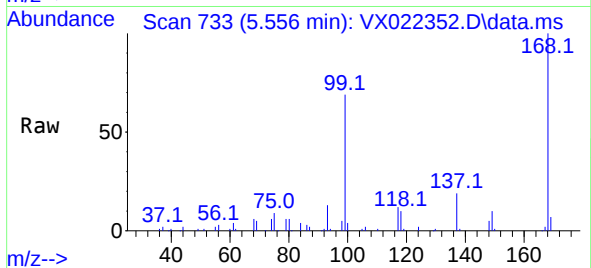
Tgt Ion: 75 Resp: 6699
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



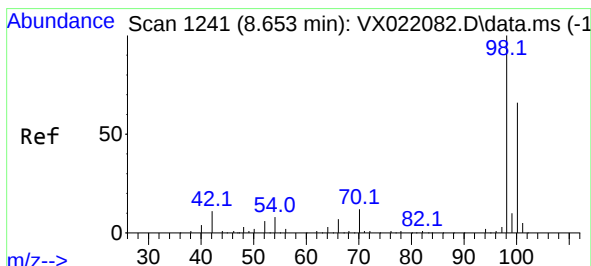
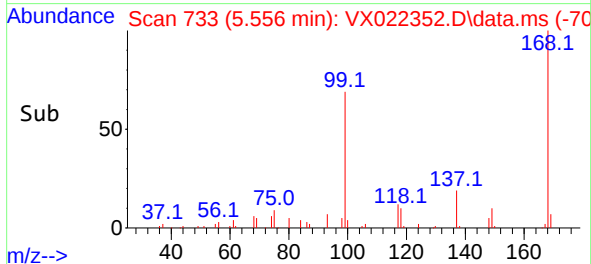
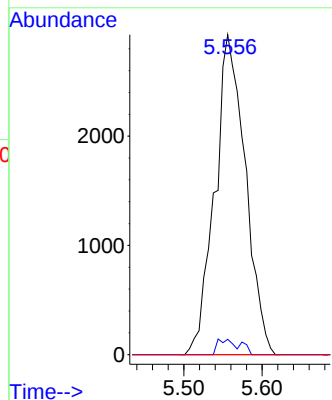


#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

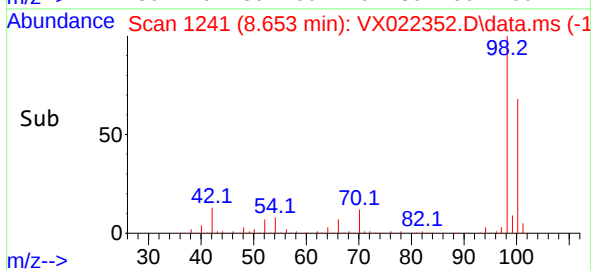
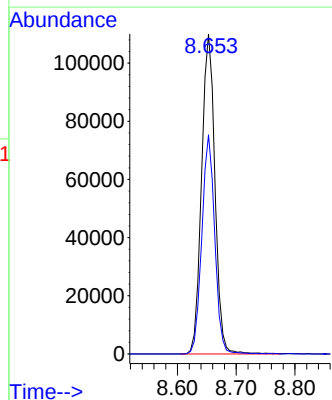
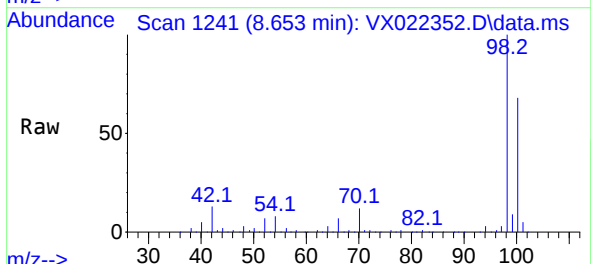


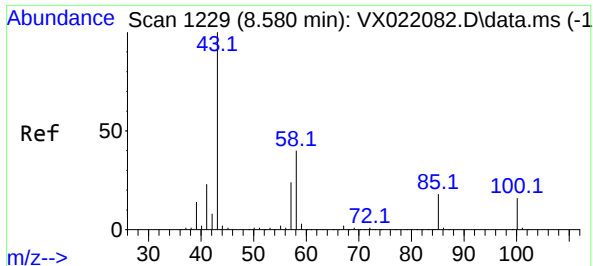
Tgt Ion:117 Resp: 7929
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.18 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 98 Resp: 174132
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

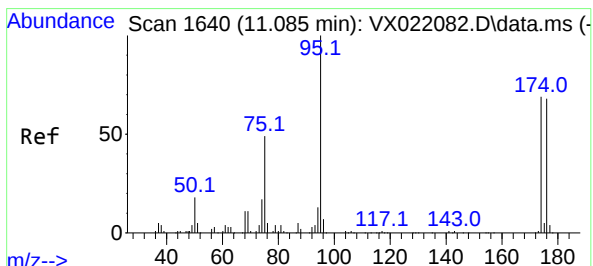
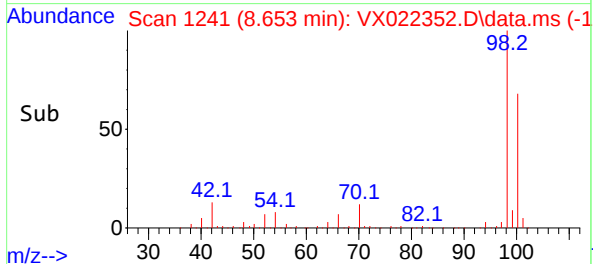
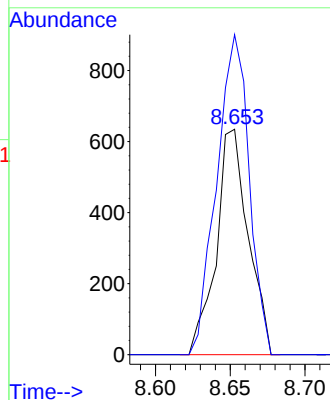
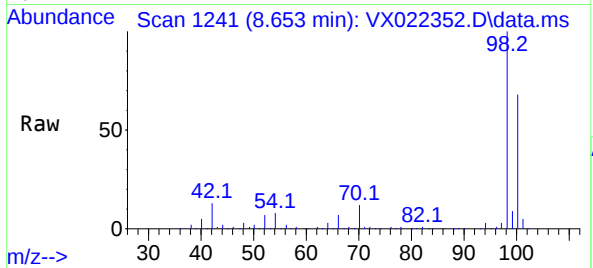




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

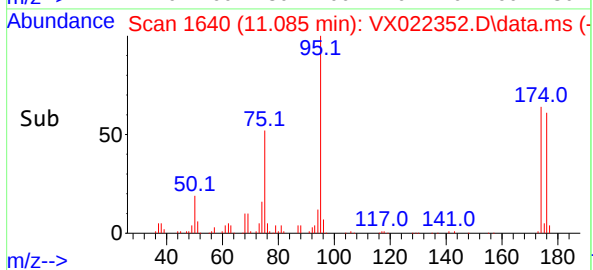
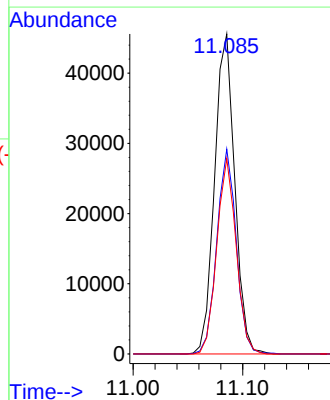
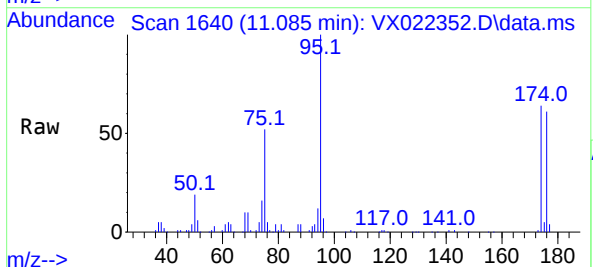
Instrument :
MSVOA_X
ClientSampled :
VX0603MBL01

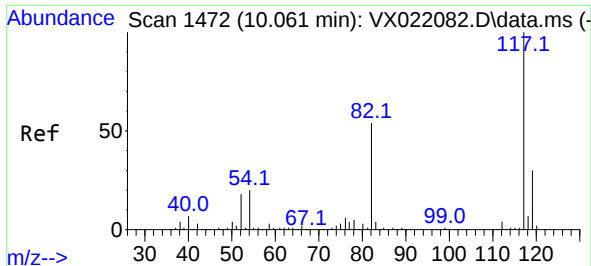
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 144.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.39 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 95 Resp: 58219
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 58.8 0.0 155.8

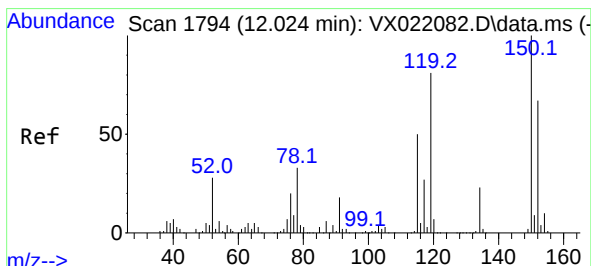
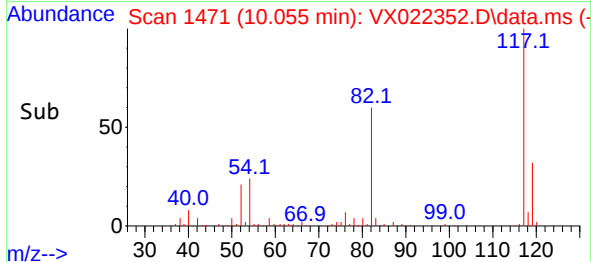
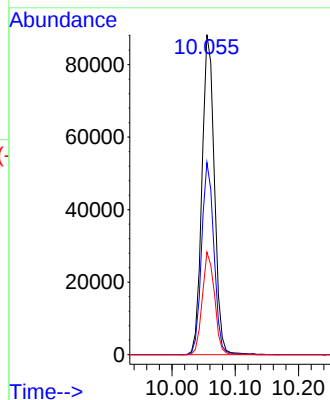
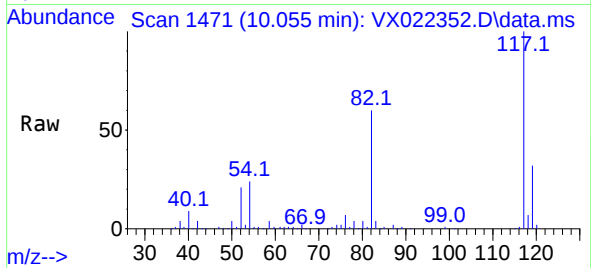




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

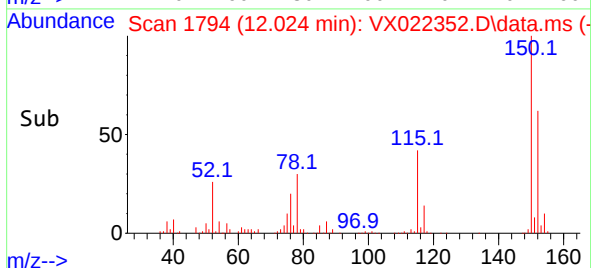
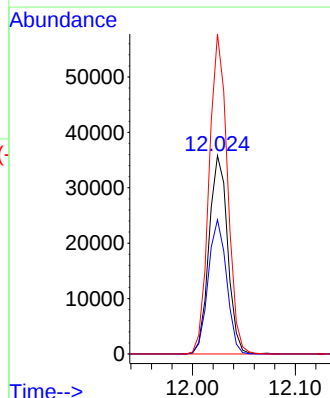
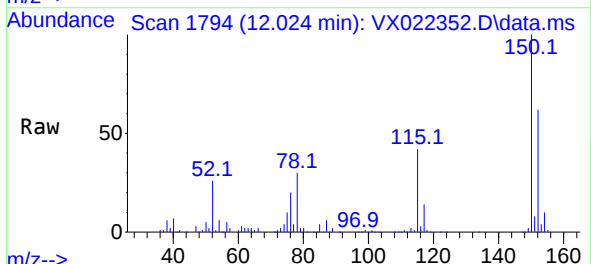
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

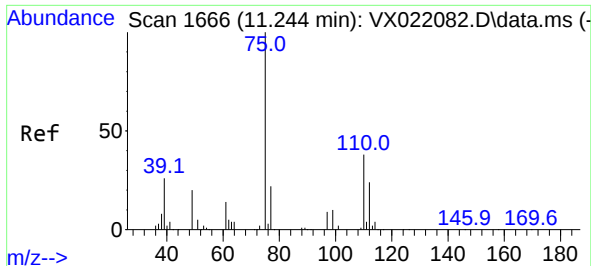
Tgt Ion:117 Resp: 120767
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion:152 Resp: 45092
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 159.0 0.0 349.0

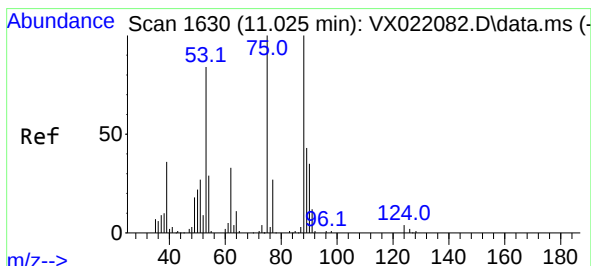
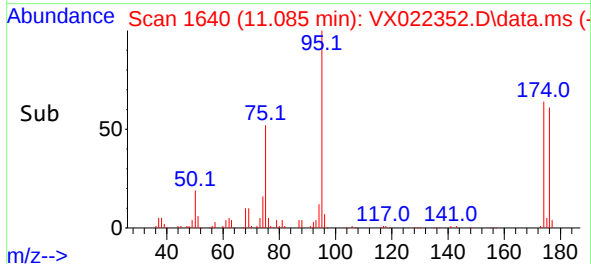
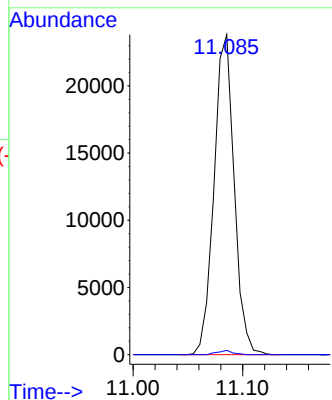
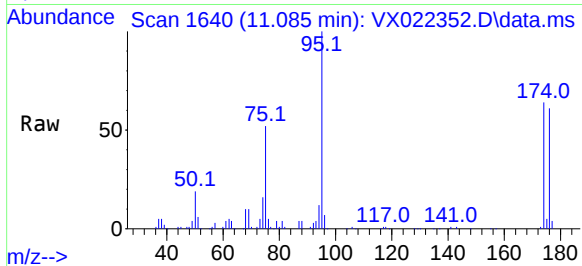




#76
1,2,3-Trichloropropane
Concen: 27.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

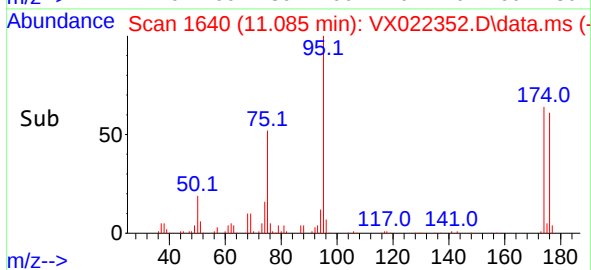
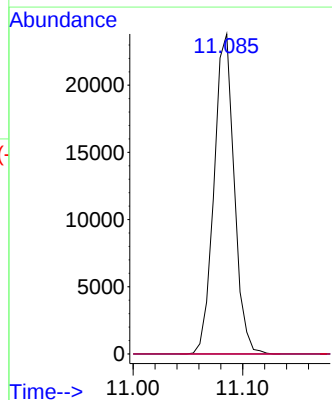
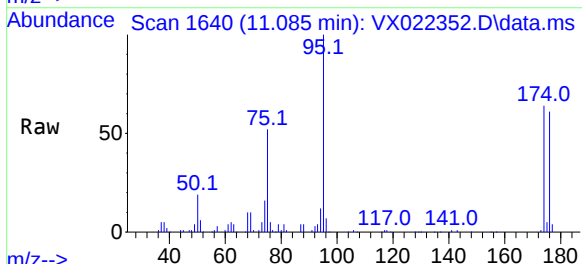
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

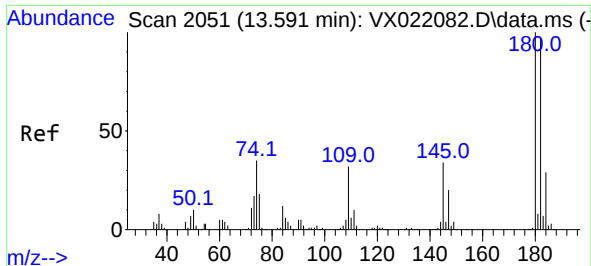
Tgt Ion: 75 Resp: 30427
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion: 75 Resp: 30427
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

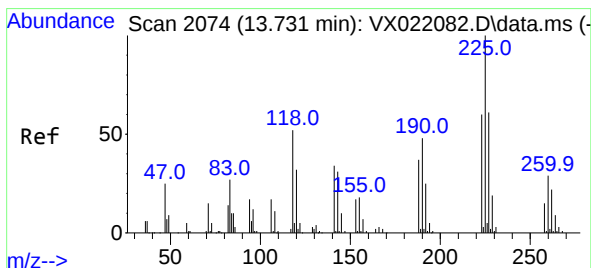
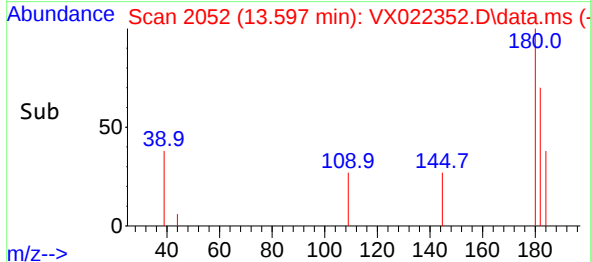
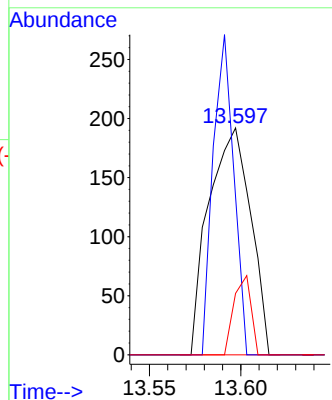
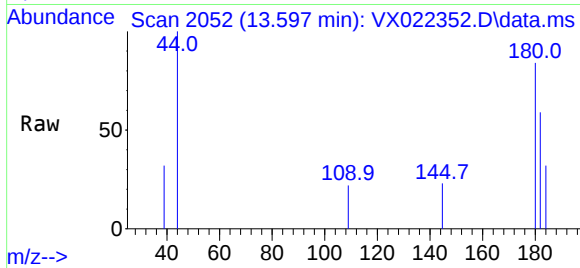




#93
1,2,4-Trichlorobenzene
Concen: 0.34 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

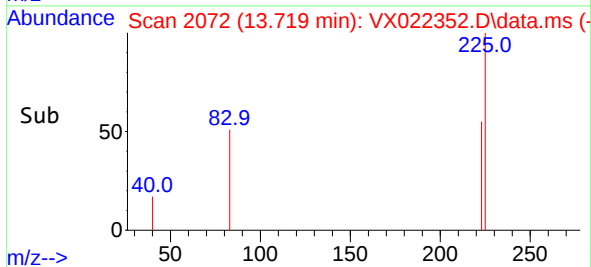
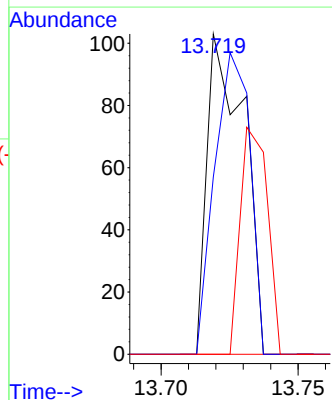
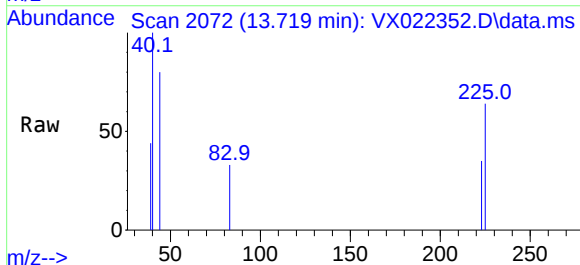
Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

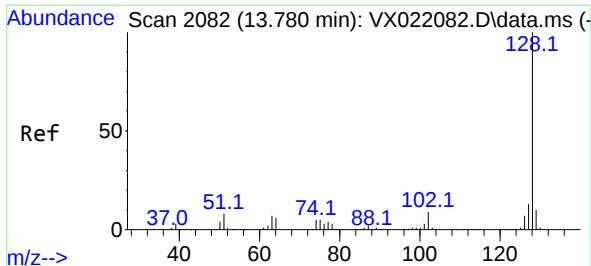
Tgt Ion:180 Resp: 307
Ion Ratio Lower Upper
180 100
182 69.4 47.7 143.1
145 14.3 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.27 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.012 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion:225 Resp: 96
Ion Ratio Lower Upper
225 100
223 90.6 31.1 93.2
227 52.1 31.6 95.0

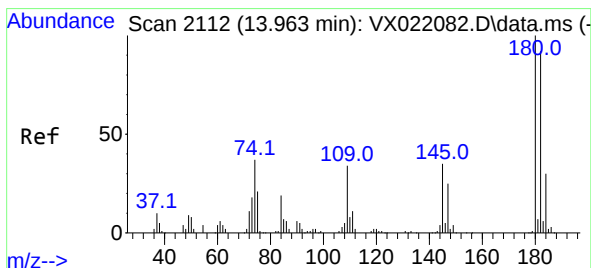
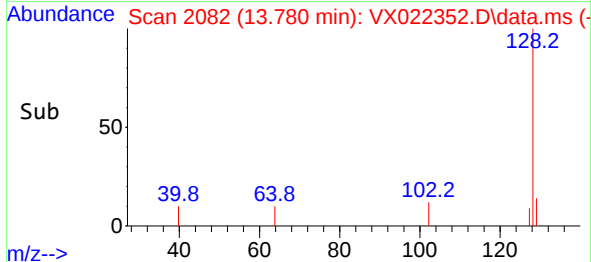
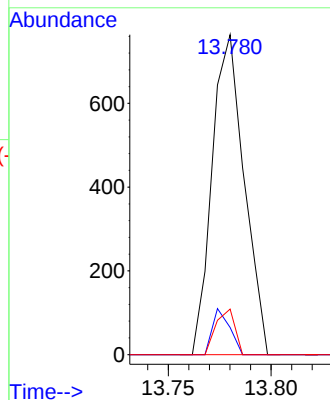
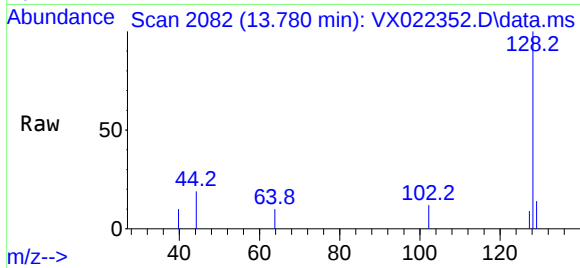




#95
Naphthalene
Concen: 0.24 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0603MBL01

Tgt Ion:	128	Resp:	830
Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.3	15.5#
129	8.4	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022352.D
Acq: 03 Jun 2021 09:42

Tgt Ion:	180	Resp:	197
Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.6	142.9
145	0.0	16.1	48.3#

