

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022967.D
 Acq On : 28 Jun 2021 09:59
 Operator : JC/MD
 Sample : VX0628MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

Quant Time: Jun 28 16:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

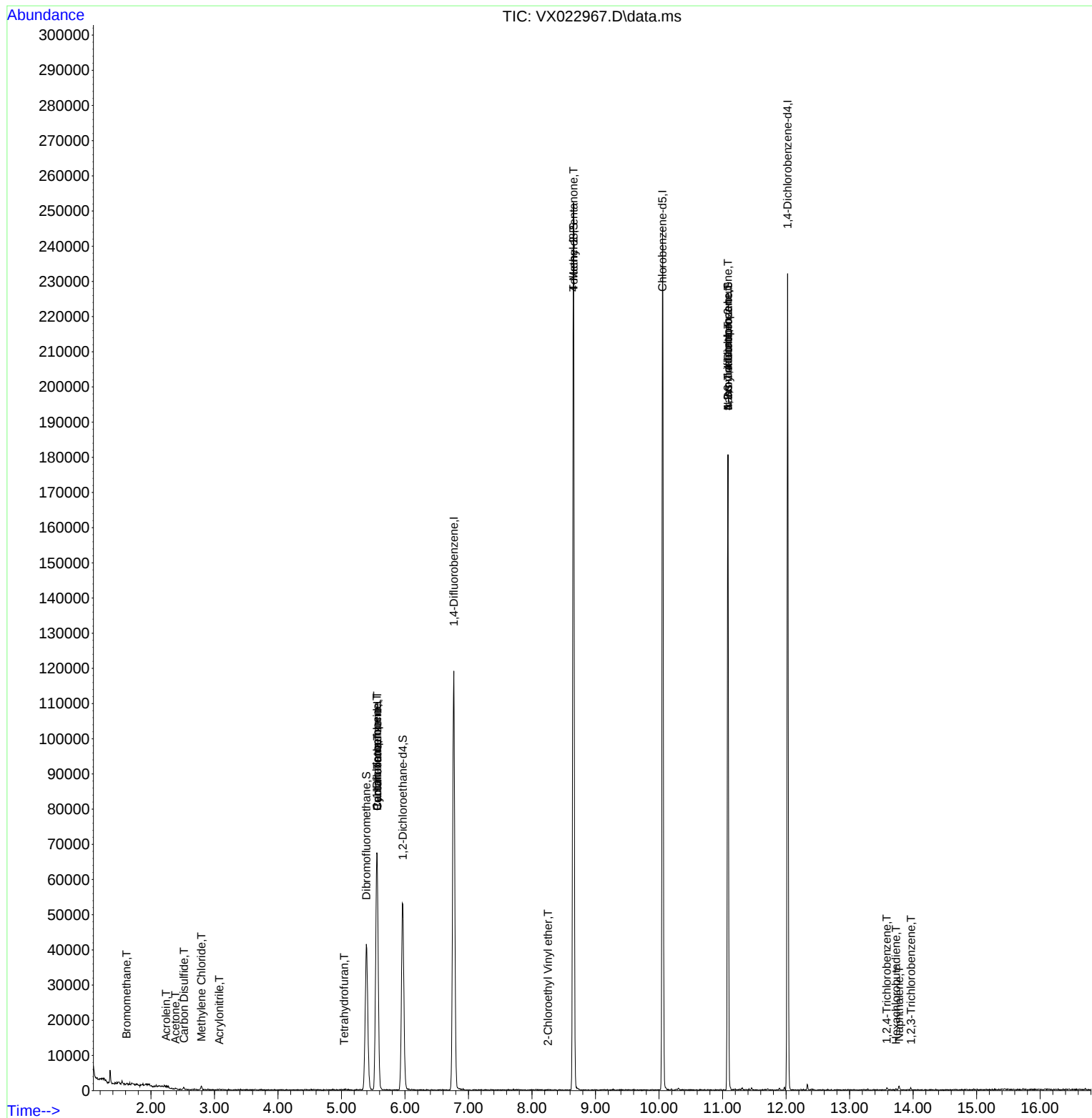
Internal Standards						
1) Pentafluorobenzene	5.562	168	55400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49068	48.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.600%
35) Dibromofluoromethane	5.391	113	35101	49.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.653	98	140000	50.325	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.085	95	46983	45.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	156	0.358	ug/l	# 58
13) Acrolein	2.239	56	111	0.852	ug/l	# 14
15) Acrylonitrile	3.075	53	155	0.324	ug/l	# 50
16) Acetone	2.386	43	418	0.938	ug/l	# 40
17) Carbon Disulfide	2.520	76	538	3.771	ug/l	# 75
20) Methylene Chloride	2.794	84	459	0.888	ug/l	# 80
29) Tetrahydrofuran	5.044	42	145	0.325	ug/l	# 40
31) Cyclohexane	5.562	56	1744	1.229	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6007	5.060	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6389	6.416	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	818	0.594	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.250	63	54	5.279	ug/l	# 45
74) N-amyl acetate	11.085	43	44	2.076	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	25913	23.778	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25913	62.374	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.585	180	241	0.318	ug/l	93
94) Hexachlorobutadiene	13.731	225	86	0.289	ug/l	# 71
95) Naphthalene	13.780	128	1001	2.209	ug/l	# 83
96) 1,2,3-Trichlorobenzene	13.969	180	167	0.219	ug/l	95

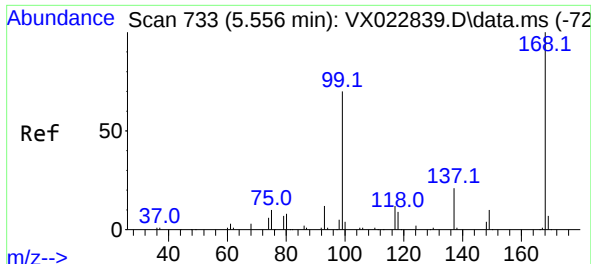
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jun 28 16:19:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

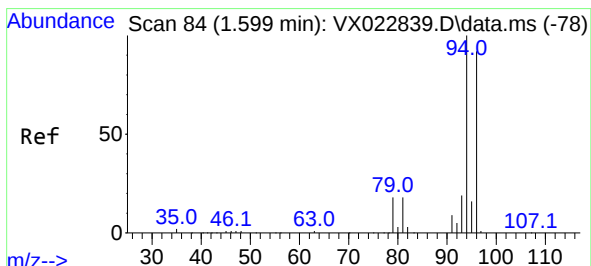
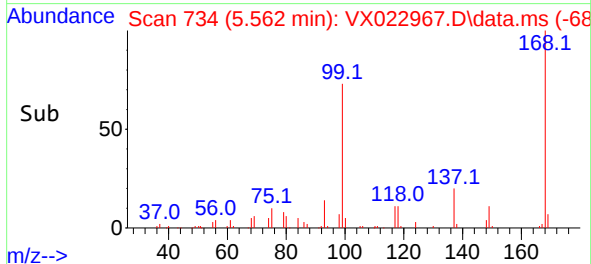
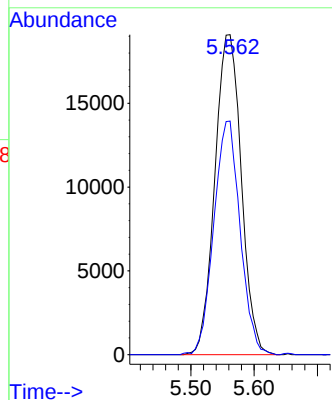
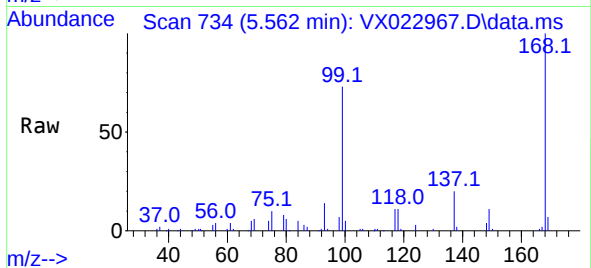




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

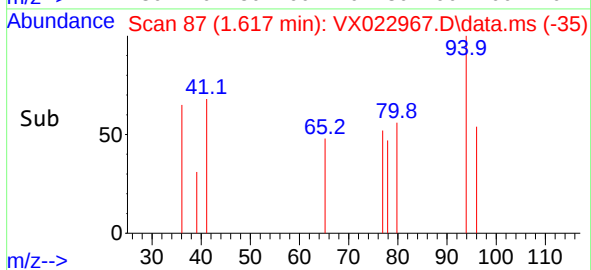
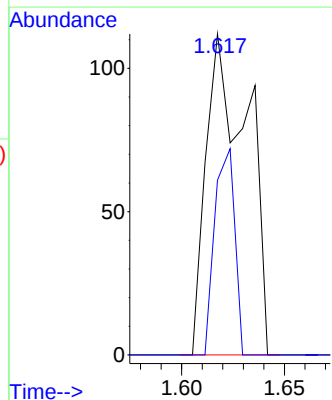
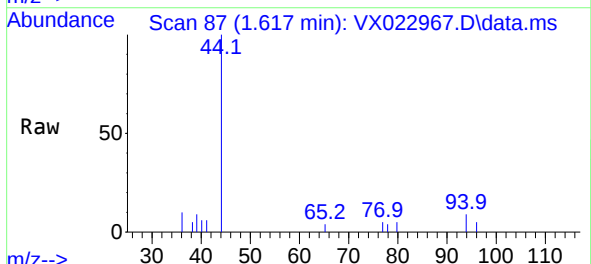
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

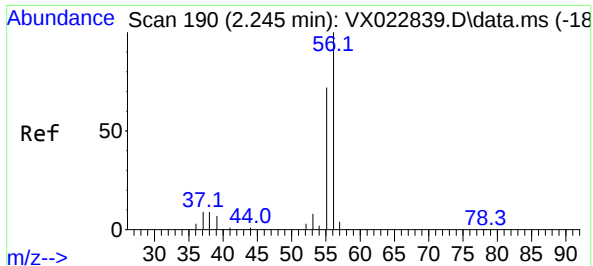
Tgt Ion:168 Resp: 55400
Ion Ratio Lower Upper
168 100
99 73.0 45.8 68.6#



#5
Bromomethane
Concen: 0.358 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 54.5 76.4 114.6#

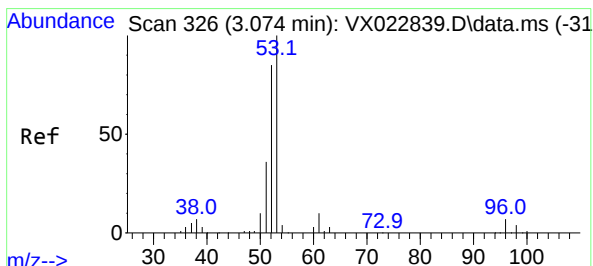
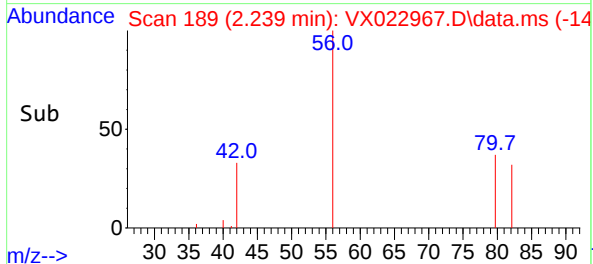
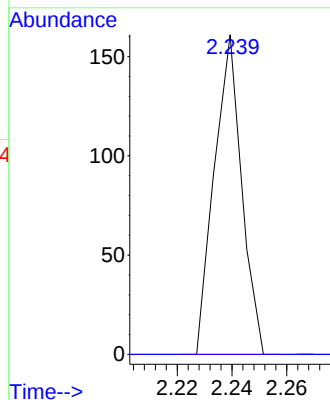
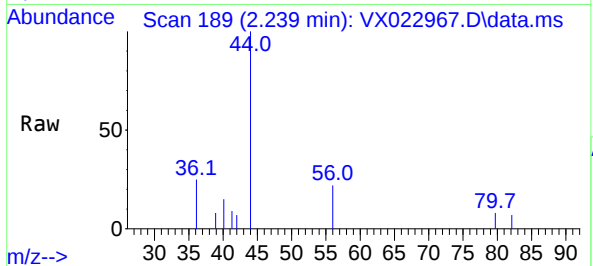




#13
Acrolein
Concen: 0.852 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

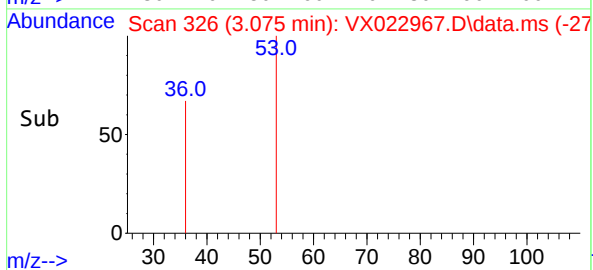
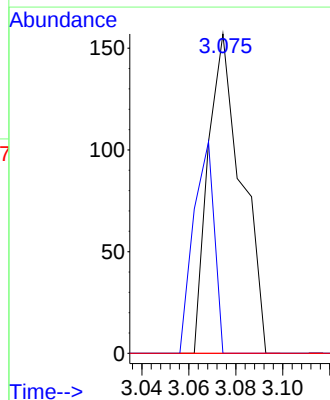
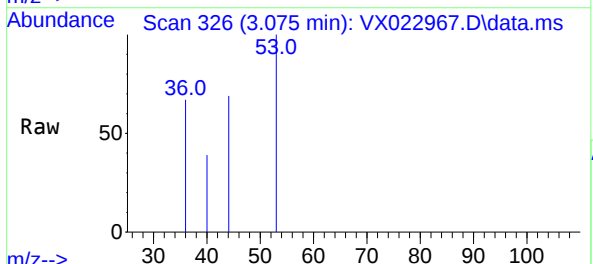
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

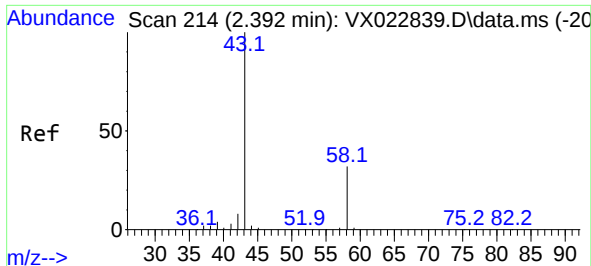
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.324 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.001 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 53 Resp: 155
Ion Ratio Lower Upper
53 100
52 41.3 65.3 97.9#
51 0.0 28.2 42.2#

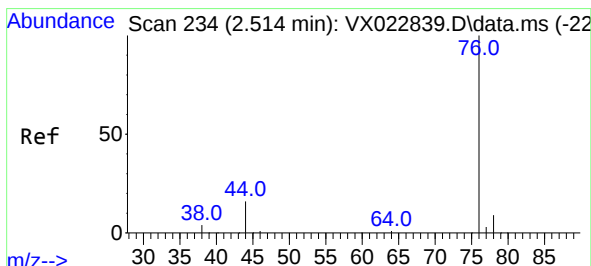
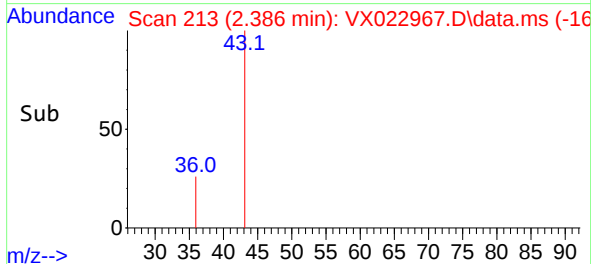
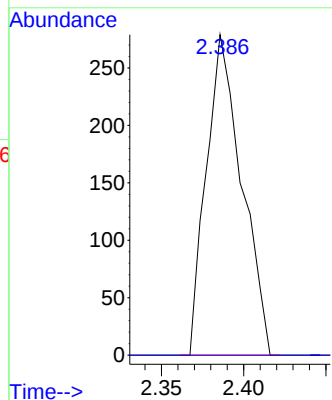
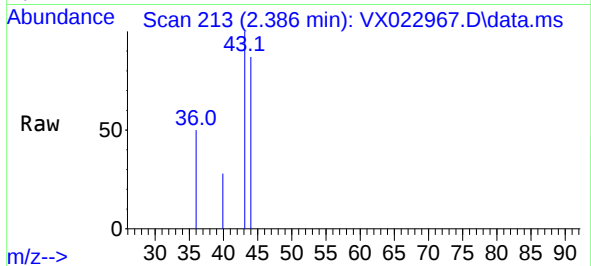




#16
Acetone
Concen: 0.938 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

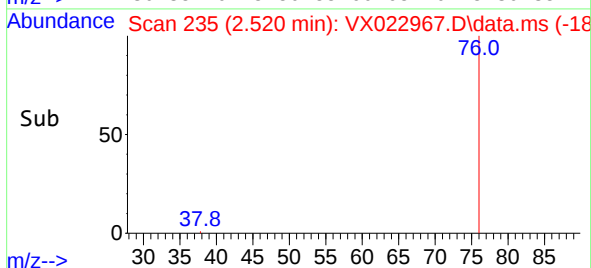
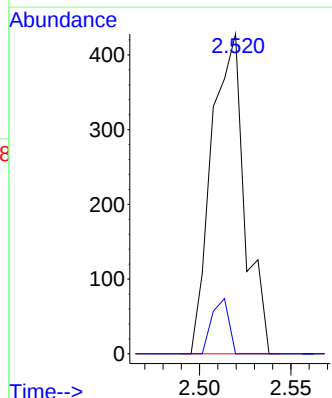
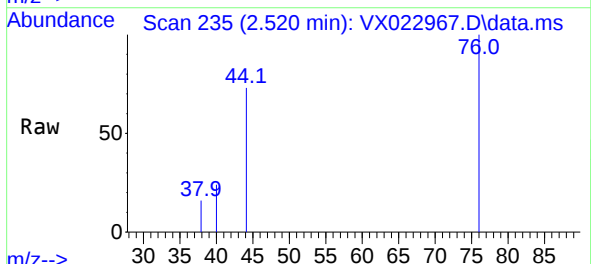
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

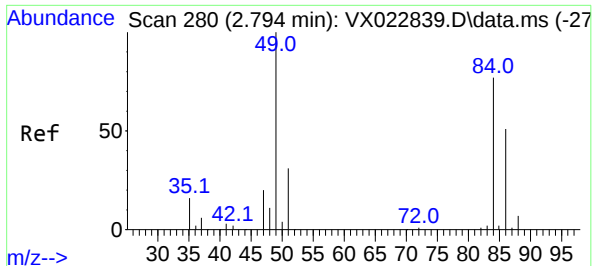
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.771 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 76 Resp: 538
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.888 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022967.D

Acq: 28 Jun 2021 09:59

Tgt Ion: 84 Resp: 459

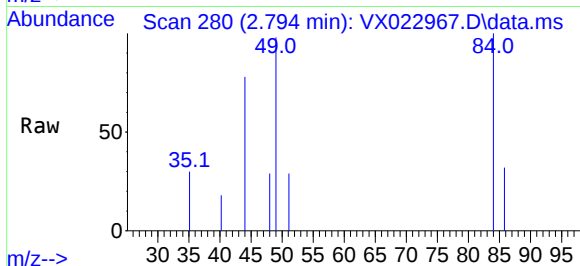
Ion Ratio Lower Upper

84 100

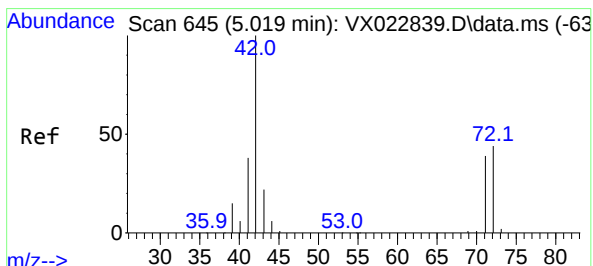
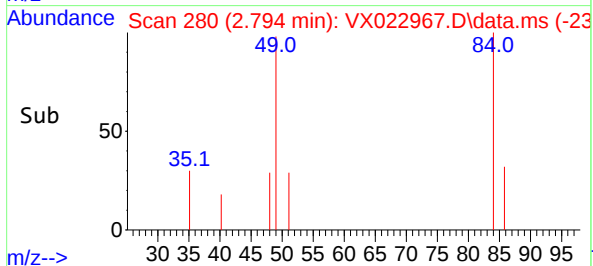
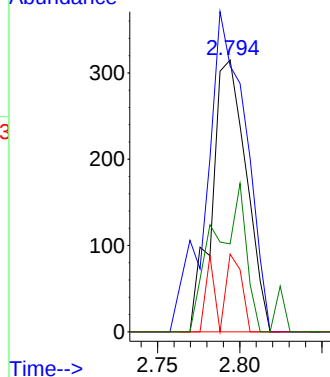
49 97.8 88.6 132.8

51 28.6 27.0 40.6

86 32.4 50.3 75.5#



Abundance



#29

Tetrahydrofuran

Concen: 0.325 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX022967.D

Acq: 28 Jun 2021 09:59

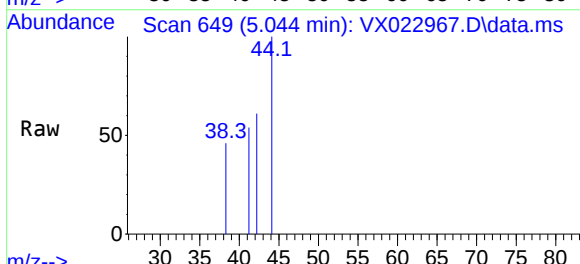
Tgt Ion: 42 Resp: 145

Ion Ratio Lower Upper

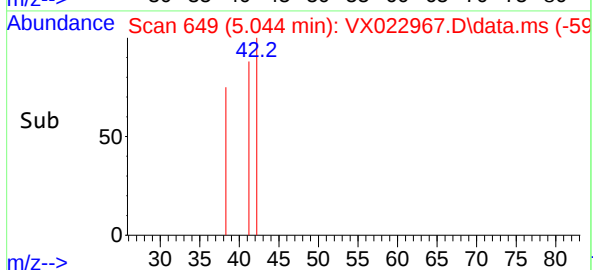
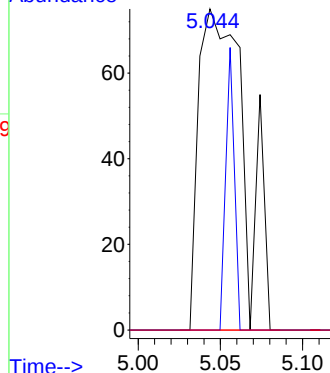
42 100

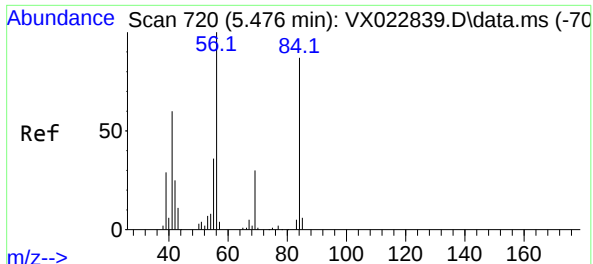
72 16.6 41.7 62.5#

71 0.0 38.4 57.6#



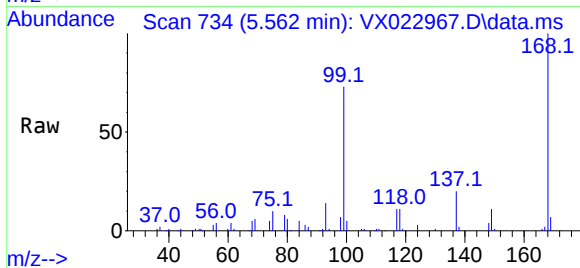
Abundance



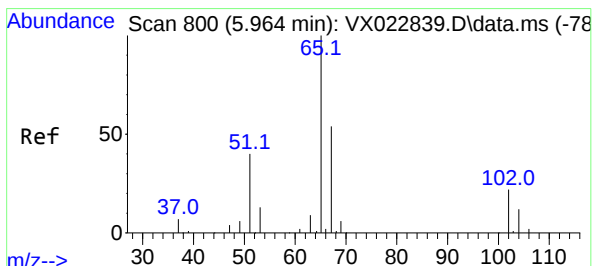
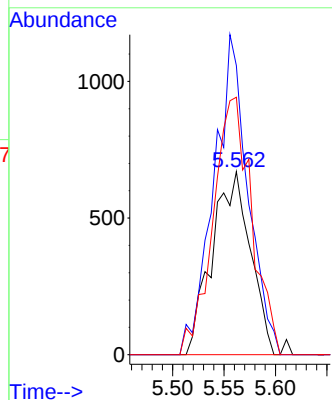
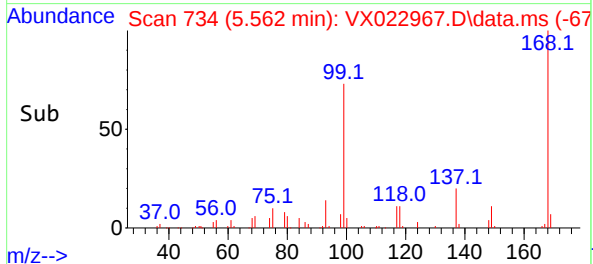


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

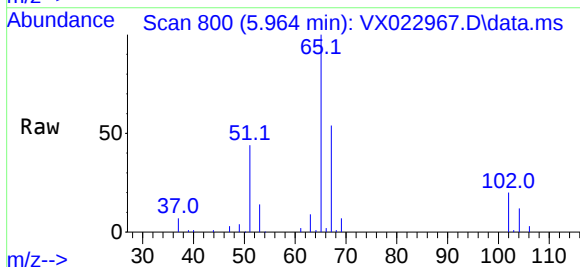
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01



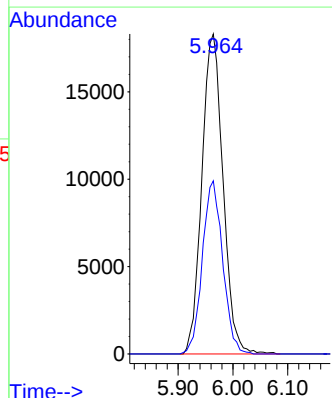
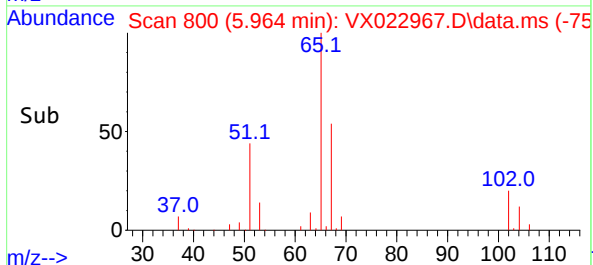
Tgt Ion: 56 Resp: 1744
Ion Ratio Lower Upper
56 100
69 157.9 25.3 37.9#
84 140.6 71.4 107.0#

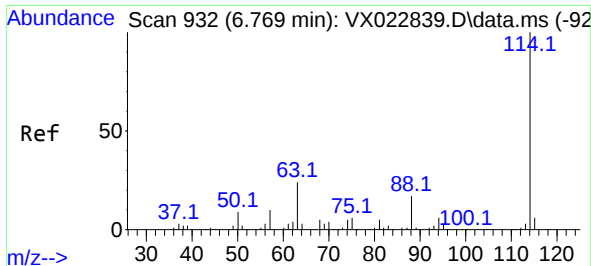


#33
1,2-Dichloroethane-d4
Concen: 48.805 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59



Tgt Ion: 65 Resp: 49068
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

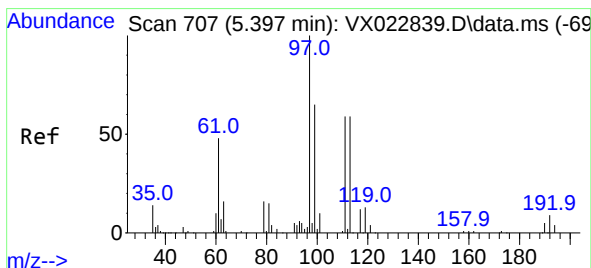
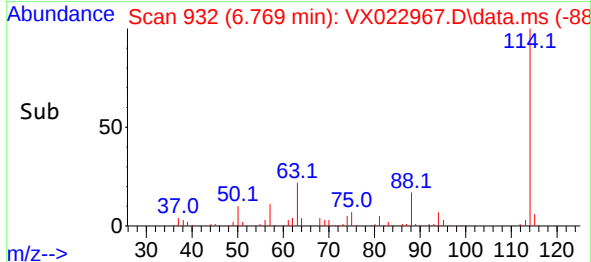
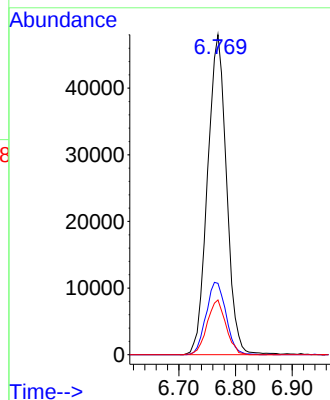
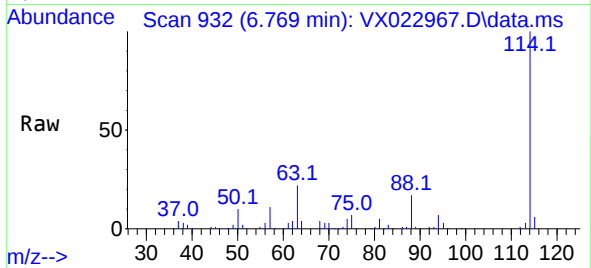




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

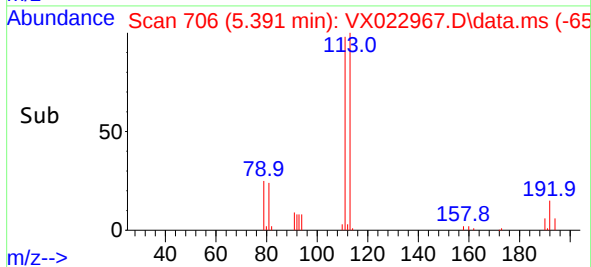
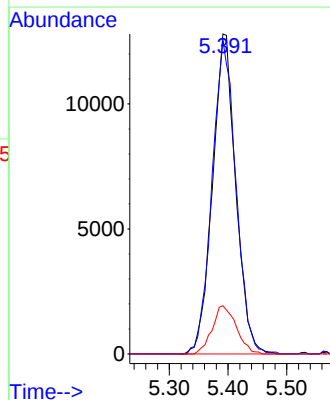
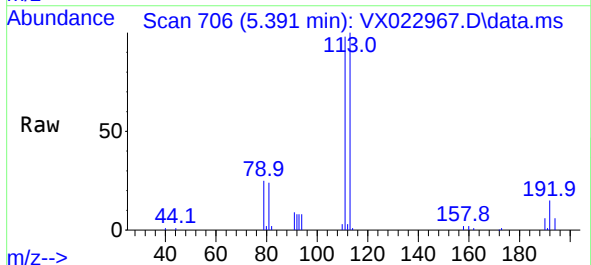
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

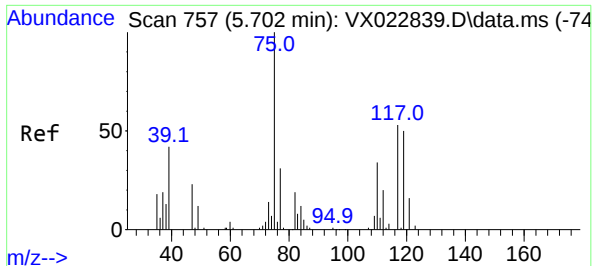
Tgt Ion:114 Resp: 111778
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.451 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion:113 Resp: 35101
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 15.6 16.7 25.1#



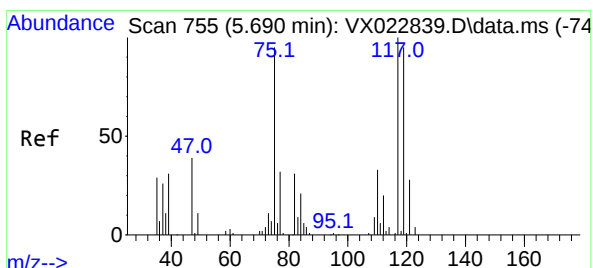
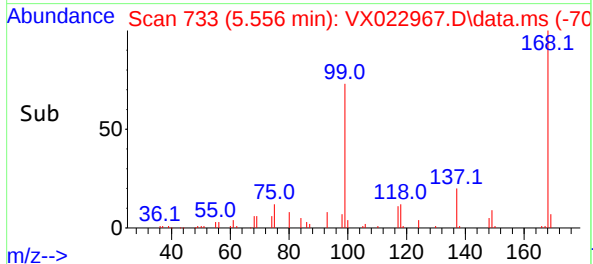
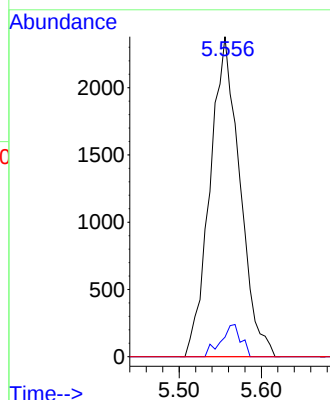
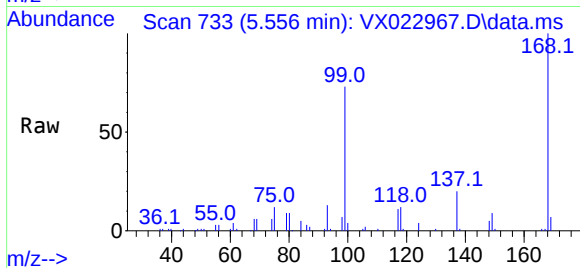


#36

1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

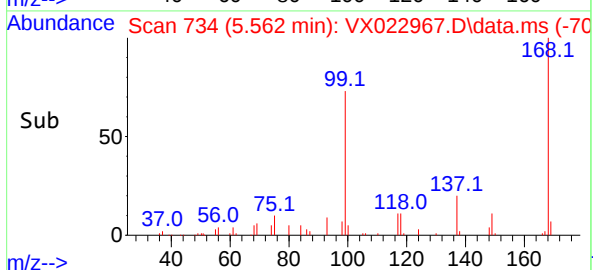
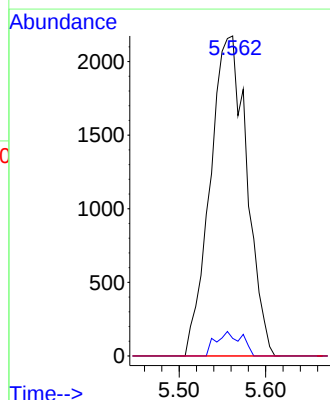
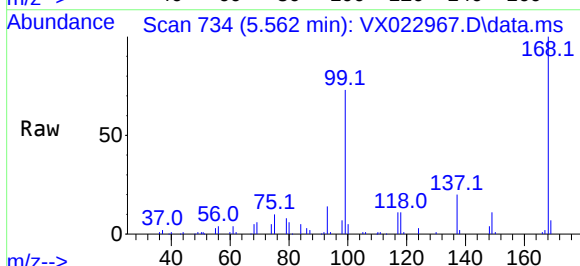
Tgt Ion: 75 Resp: 6007
Ion Ratio Lower Upper
75 100
110 6.7 18.1 54.4#
77 0.0 25.3 37.9#

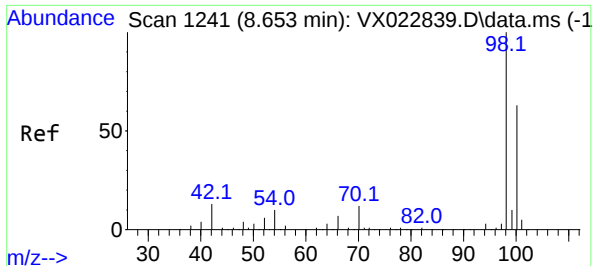


#38

Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 117 Resp: 6389
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

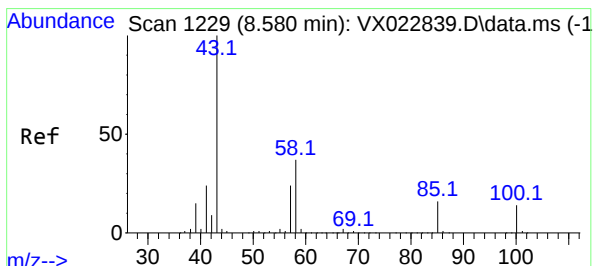
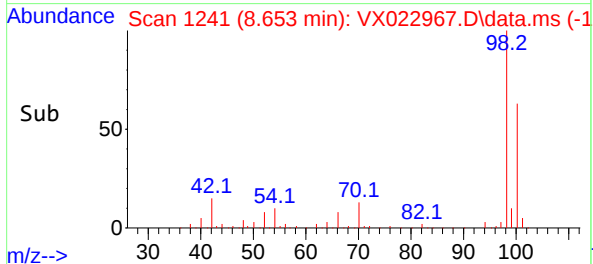
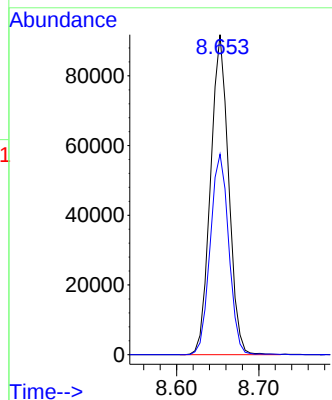
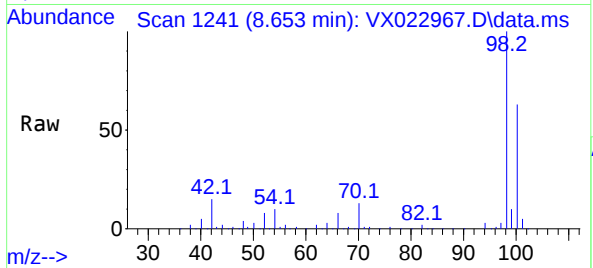




#50
Toluene-d8
Concen: 50.325 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

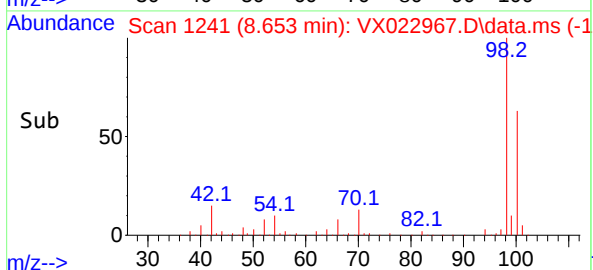
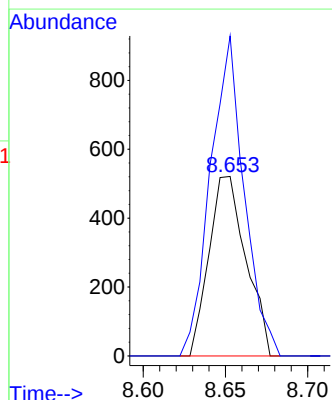
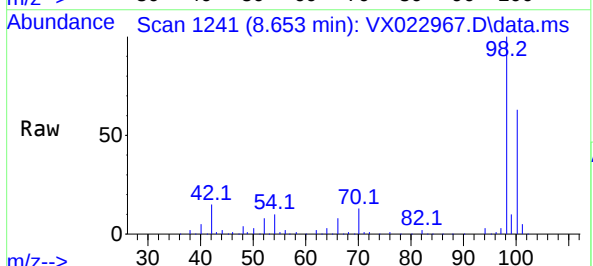
Instrument :
MSVOA_X
ClientSampled :
VX0628MBL01

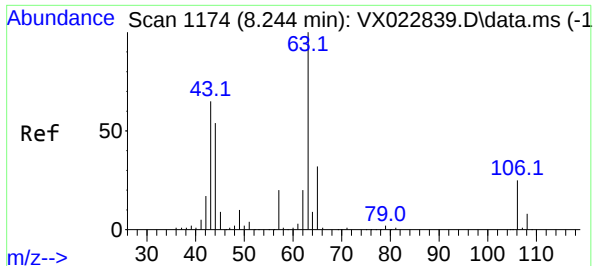
Tgt Ion: 98 Resp: 140000
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 161.7 35.4 53.0#

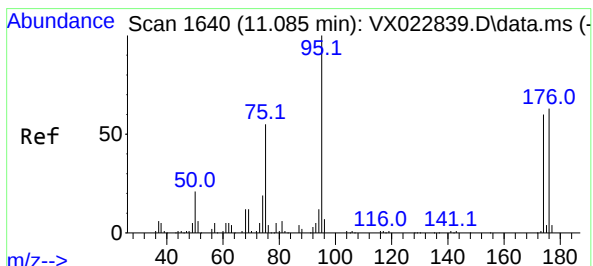
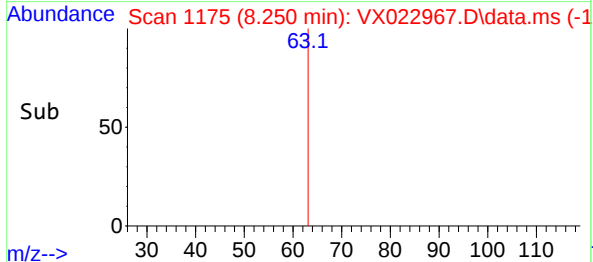
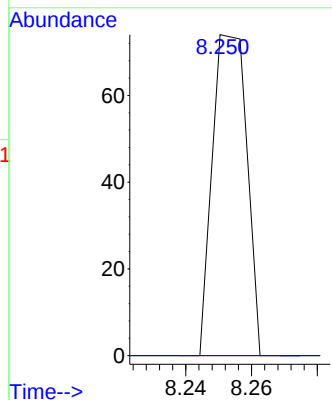
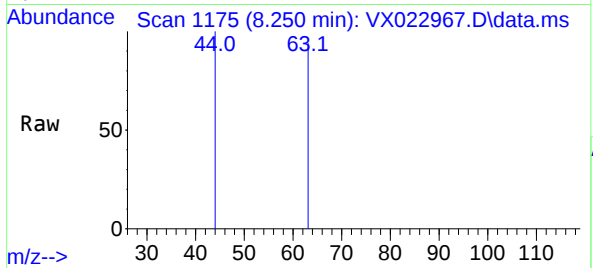




#58
2-Chloroethyl Vinyl ether
Concen: 5.279 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

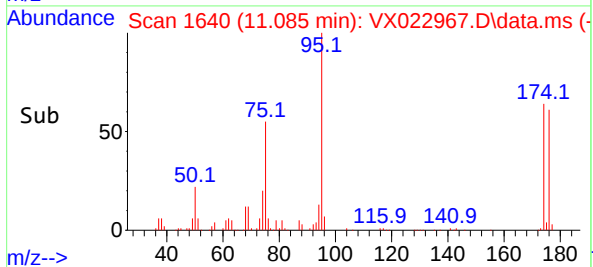
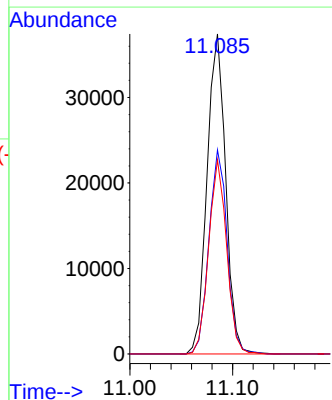
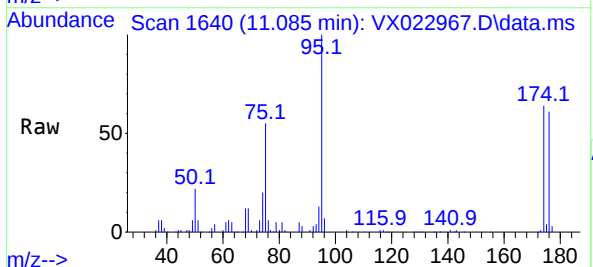
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

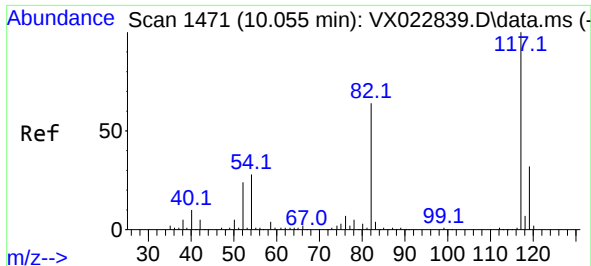
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#62
4-Bromofluorobenzene
Concen: 45.253 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 95 Resp: 46983
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 58.9 0.0 155.8

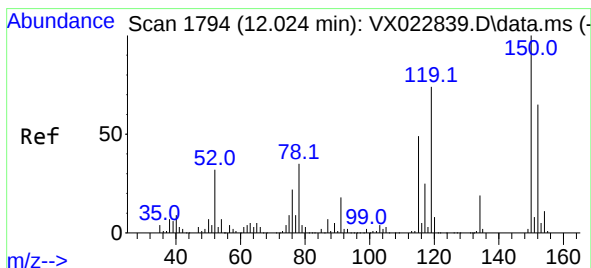
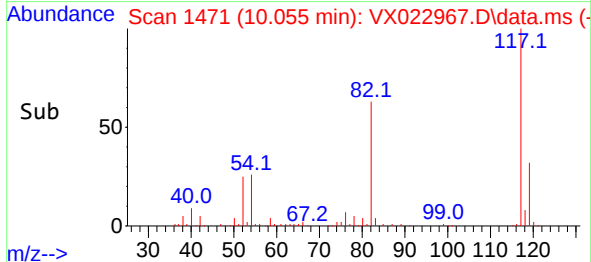
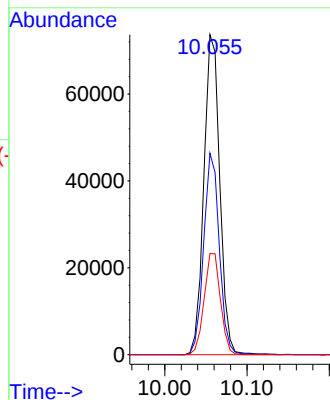
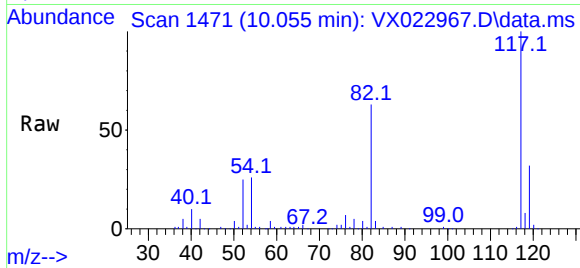




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

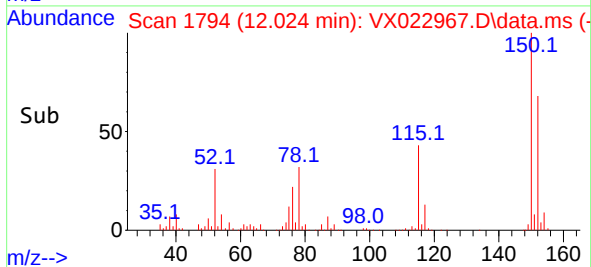
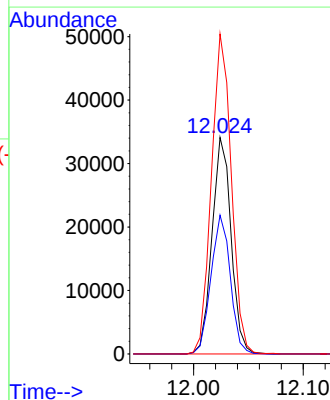
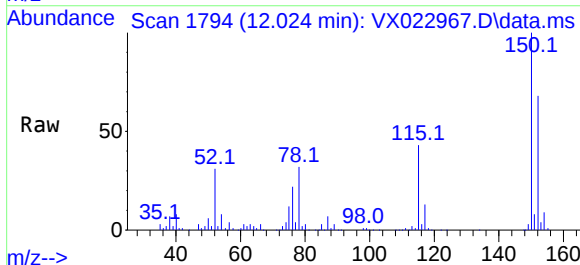
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

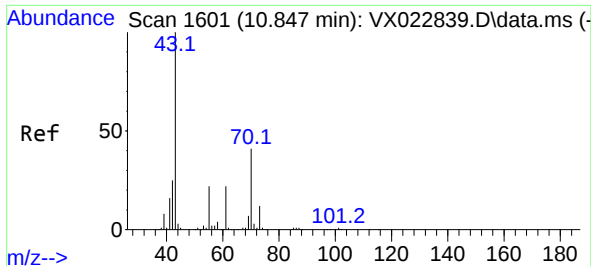
Tgt Ion:	117	Resp:	99124
Ion Ratio	Lower	Upper	
117	100		
82	63.0	47.4	71.2
119	31.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion:	152	Resp:	41258
Ion Ratio	Lower	Upper	
152	100		
115	65.0	41.1	123.3
150	154.1	0.0	349.0

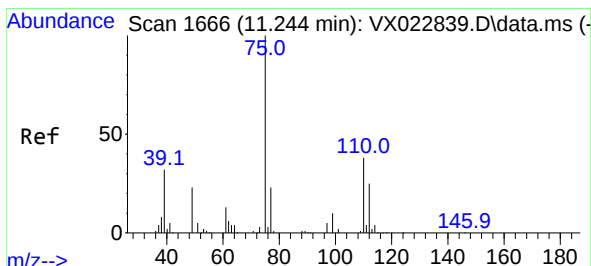
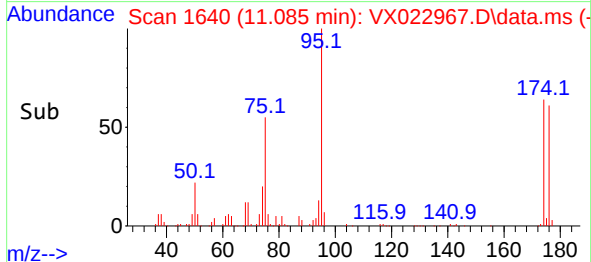
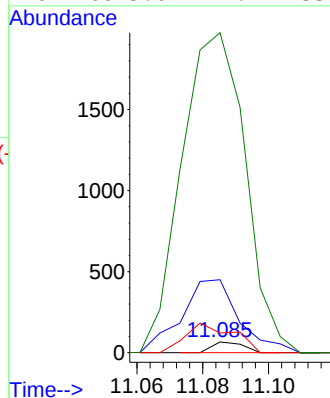
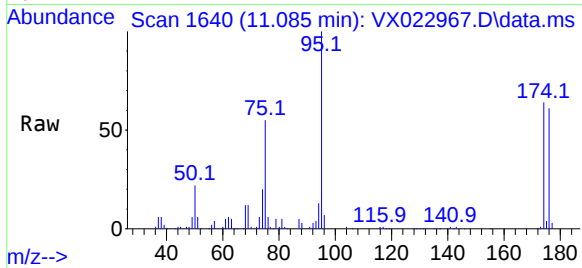




#74
N-amy1 acetate
Concen: 2.076 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

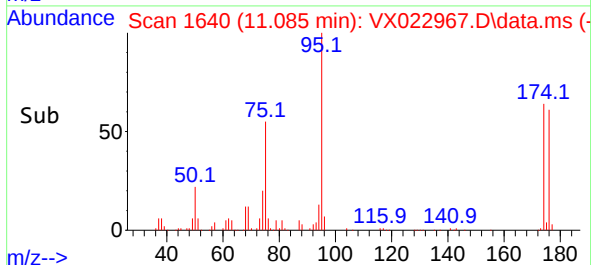
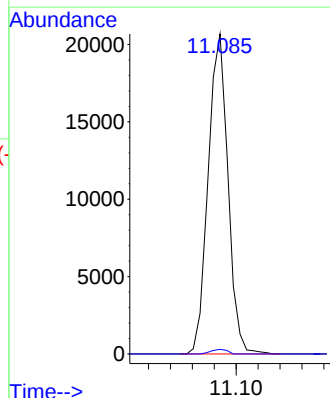
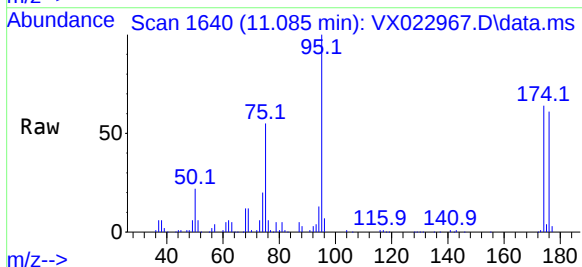
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

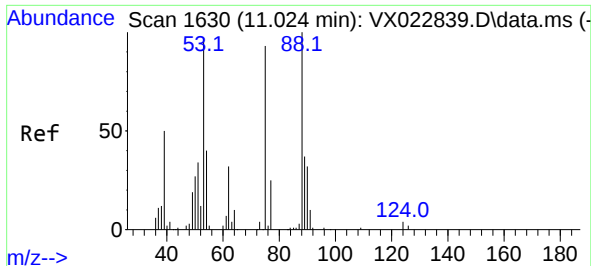
Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
70 1254.5 39.0 58.6#
55 420.5 21.5 32.3#
61 6025.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.778 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion: 75 Resp: 25913
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

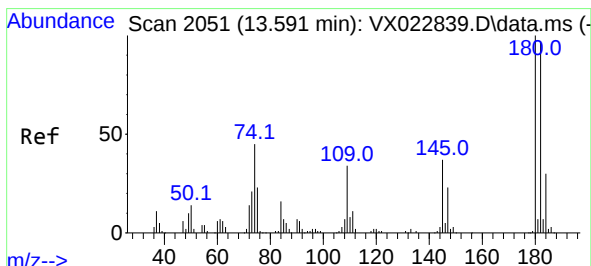
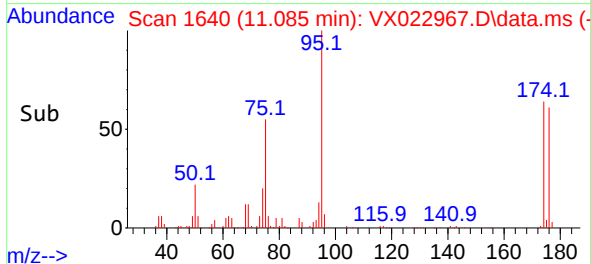
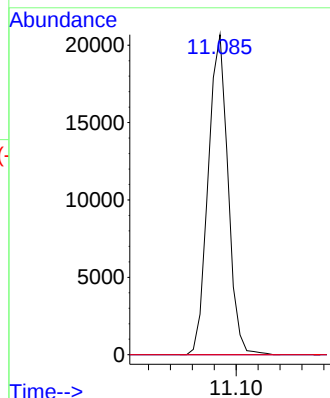
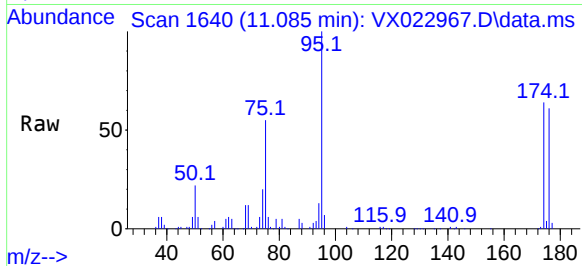




#81
trans-1,4-Dichloro-2-butene
Concen: 62.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

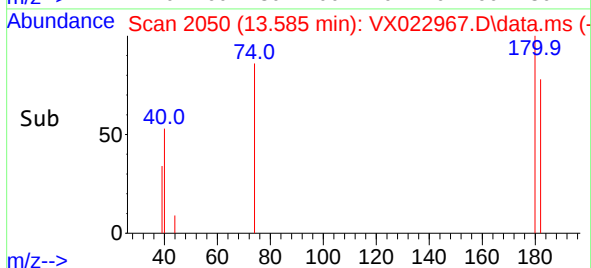
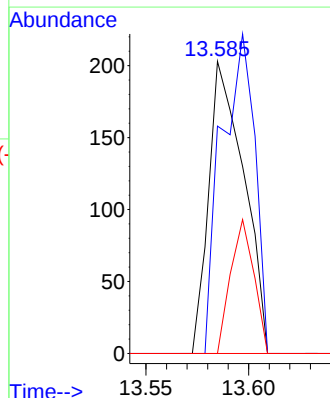
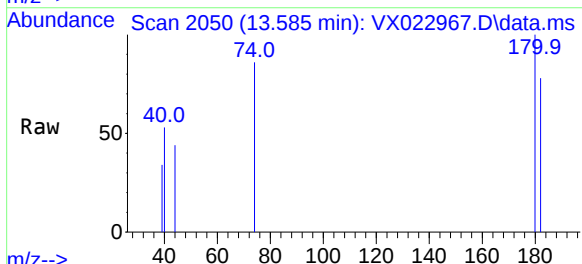
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

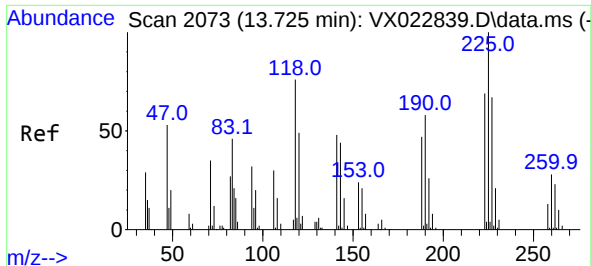
Tgt Ion: 75 Resp: 25913
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.318 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion:180 Resp: 241
Ion Ratio Lower Upper
180 100
182 103.7 47.7 143.1
145 30.3 15.0 45.0

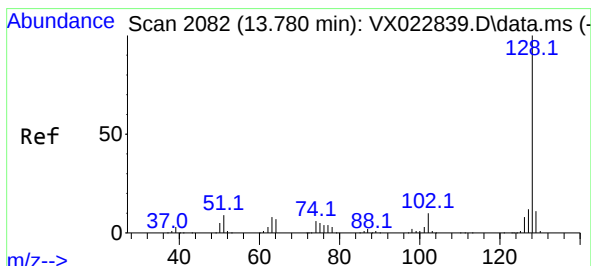
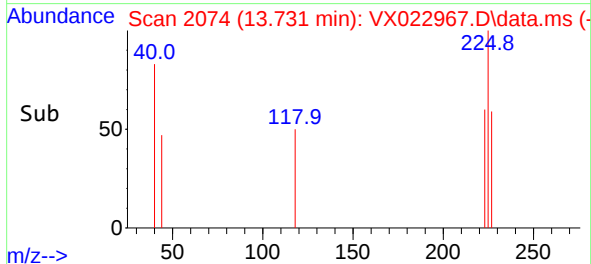
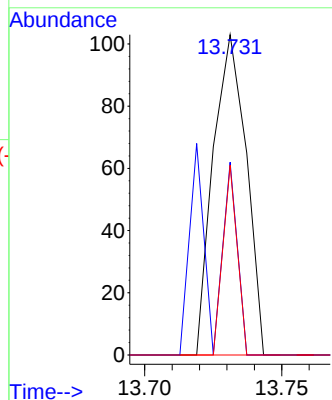
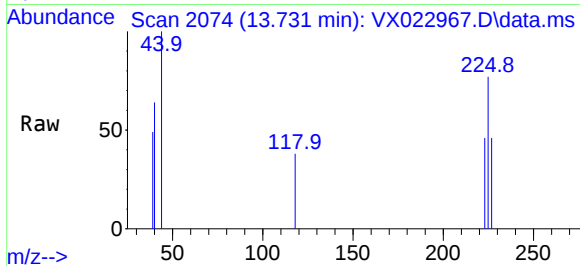




#94
Hexachlorobutadiene
Concen: 0.289 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

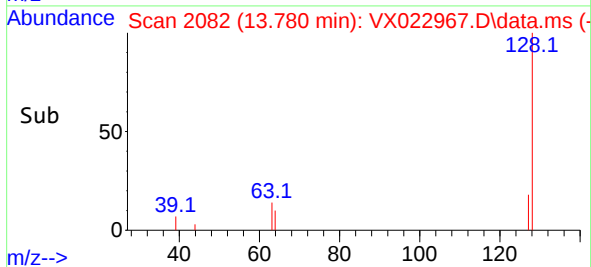
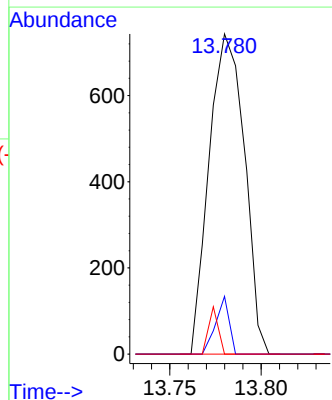
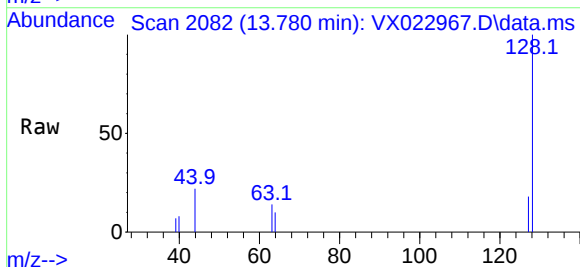
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

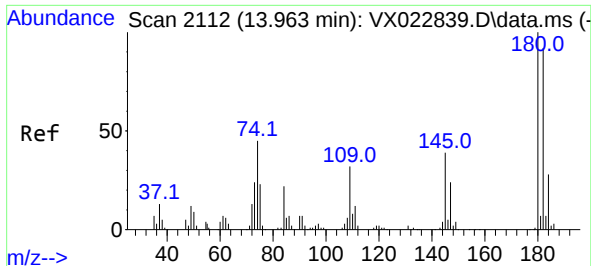
Tgt Ion:	225	Resp:	86
Ion	Ratio	Lower	Upper
225	100		
223	55.8	31.1	93.2
227	25.6	31.6	95.0#



#95
Naphthalene
Concen: 2.209 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Tgt Ion:	128	Resp:	1001
Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.3	15.5#
129	4.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX022967.D
Acq: 28 Jun 2021 09:59

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

Tgt Ion:	180	Resp:	167
Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.6	142.9
145	26.9	16.1	48.3

