

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020609.D
 Acq On : 14 Jan 2021 13:54
 Operator : JC/MD
 Sample : M1143-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210113001-03-TRIP-BLANK

Quant Time: Jan 15 05:10:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

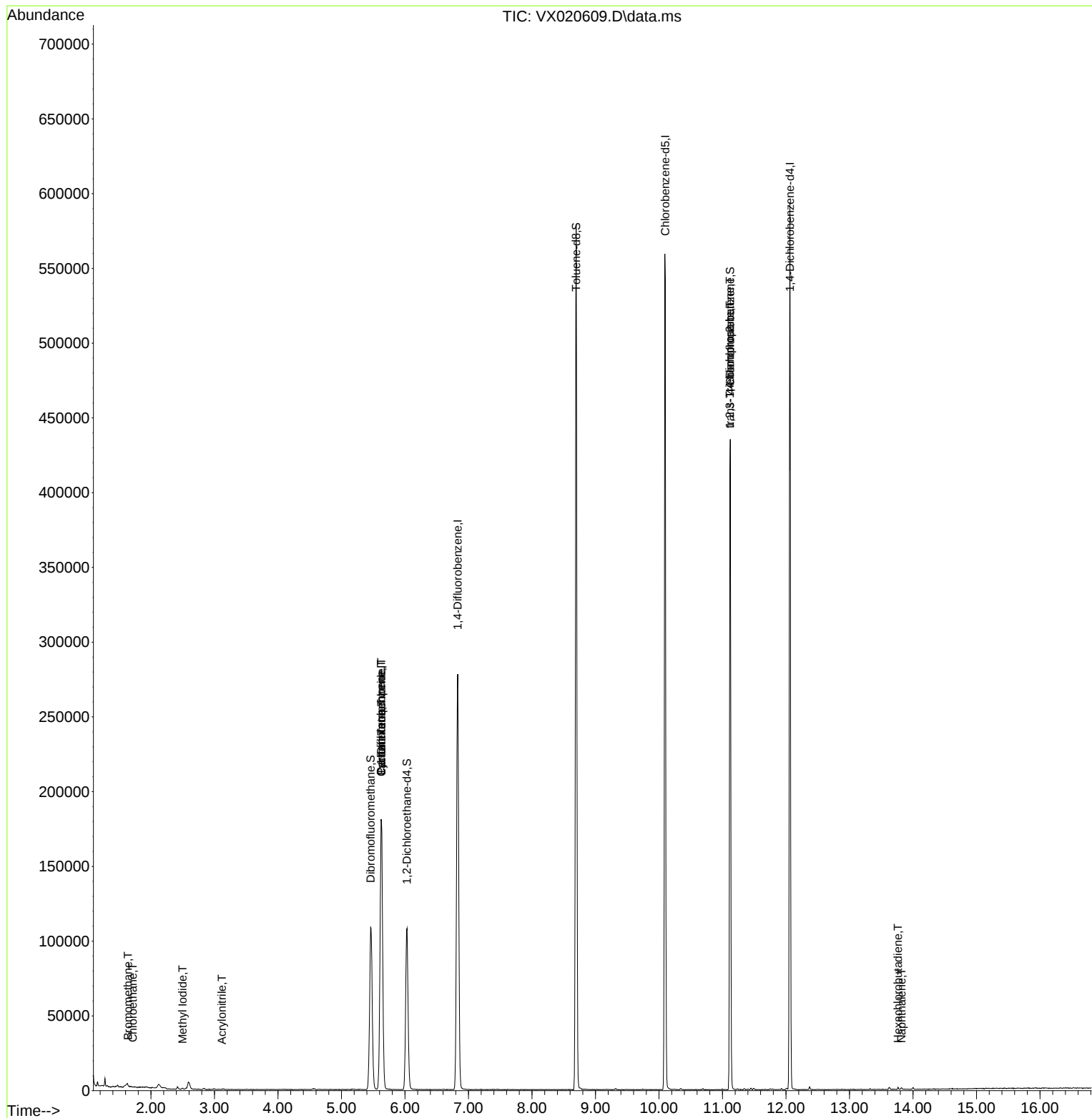
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.623	168	185812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	276103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	123925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	103659	46.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.90%
35) Dibromofluoromethane	5.458	113	97380	47.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.00%
50) Toluene-d8	8.696	98	355780	48.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.00%
62) 4-Bromofluorobenzene	11.122	95	125995	48.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.28%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	327	0.25	ug/l	90
6) Chloroethane	1.715	64	18	0.44	ug/l #	43
10) Methyl Iodide	2.496	142	838	0.33	ug/l #	94
11) Tert butyl alcohol	2.995	59	233	Below Cal	#	73
15) Acrylonitrile	3.117	53	232	0.24	ug/l #	65
16) Acetone	2.416	43	1560	Below Cal		94
31) Cyclohexane	5.629	56	2703	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12587	4.66	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17253	5.47	ug/l #	18
76) 1,2,3-Trichloropropane	11.116	75	58025	22.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	58025	60.56	ug/l #	12
94) Hexachlorobutadiene	13.762	225	257	1.05	ug/l	85
95) Naphthalene	13.817	128	1237	3.97	ug/l #	95

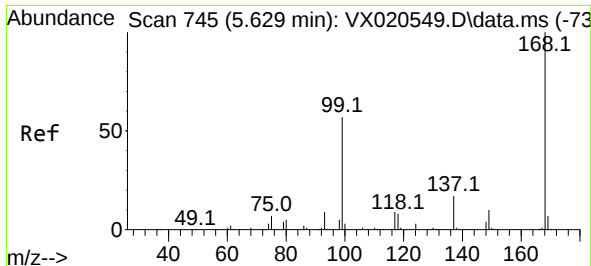
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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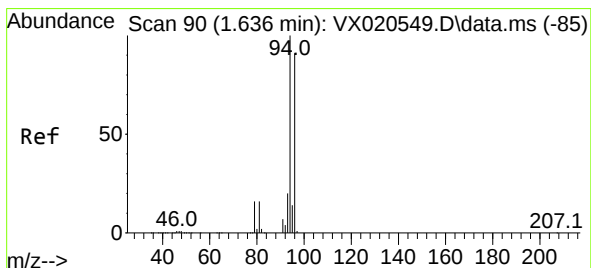
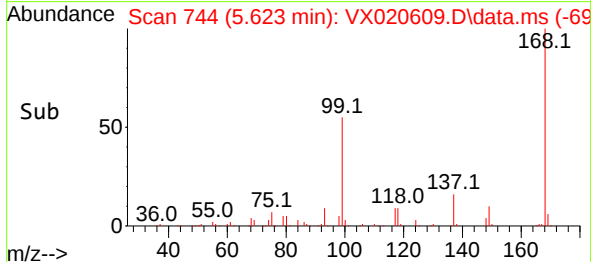
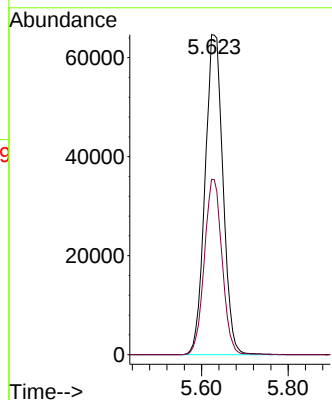
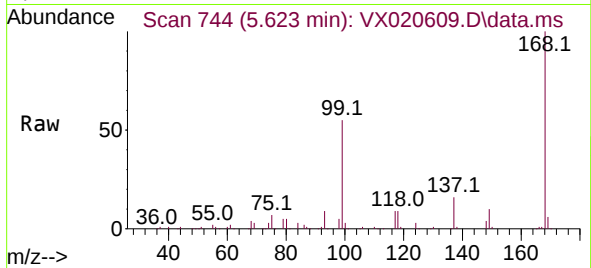




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

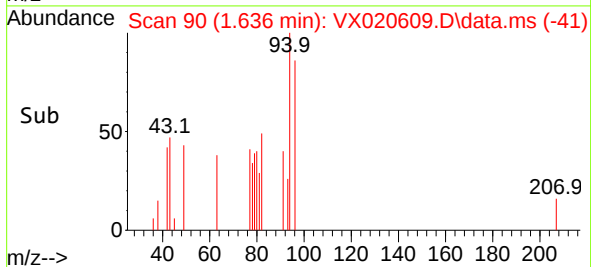
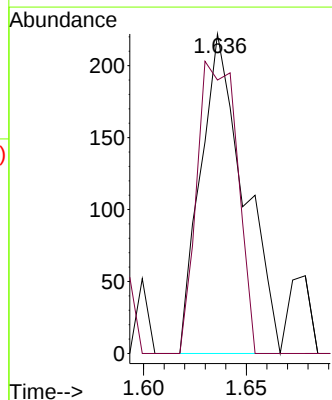
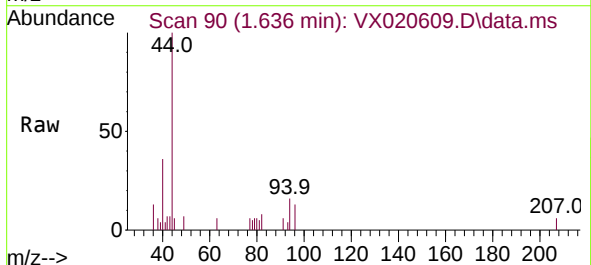
Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK

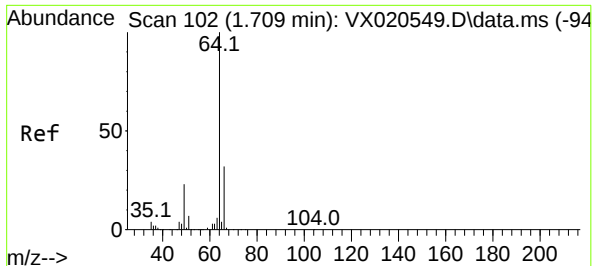
Tgt Ion:168 Resp: 185812
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 85.6 76.4 114.6

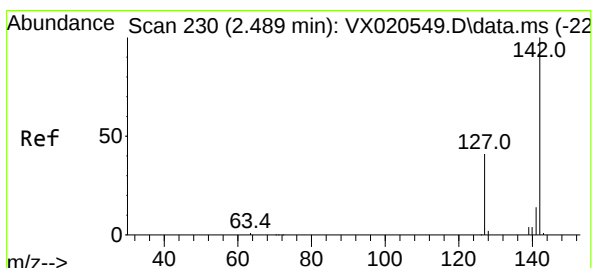
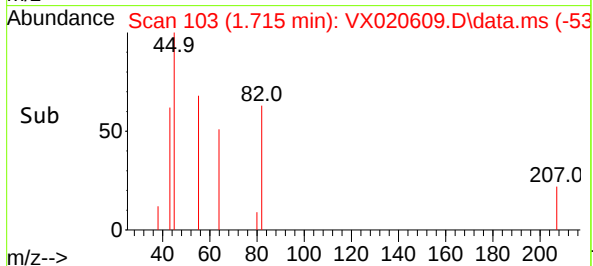
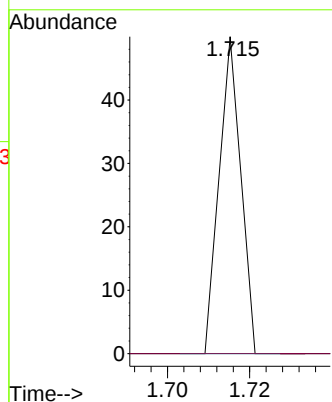
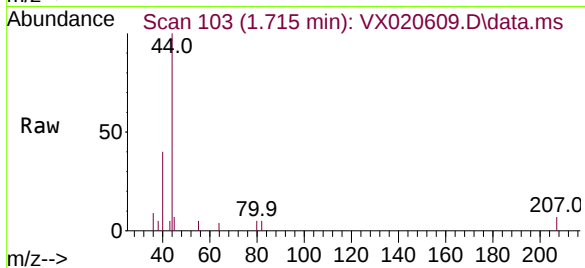




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

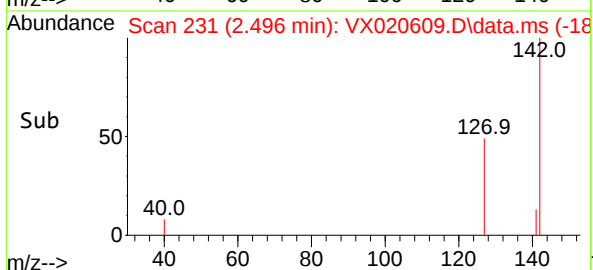
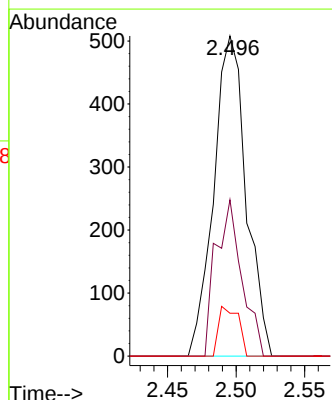
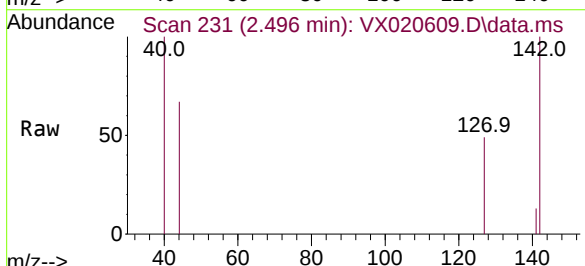
Instrument :
MSVOA_X
ClientSampleId :
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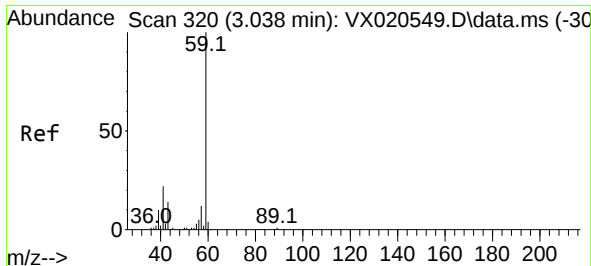
Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 142 Resp: 838
Ion Ratio Lower Upper
142 100
127 39.0 33.3 49.9
141 9.4 11.4 17.0#

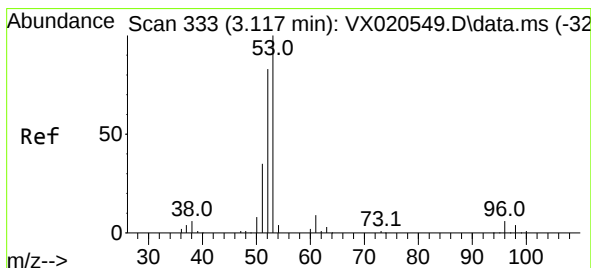
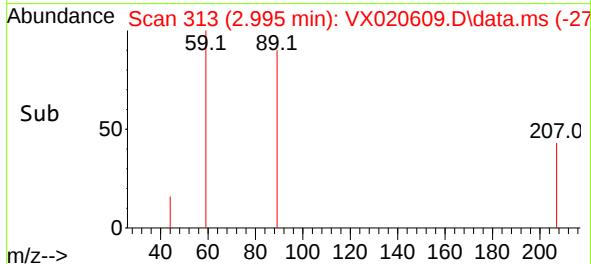
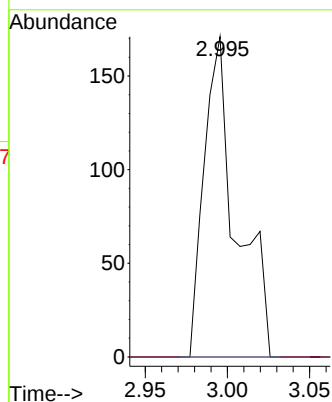
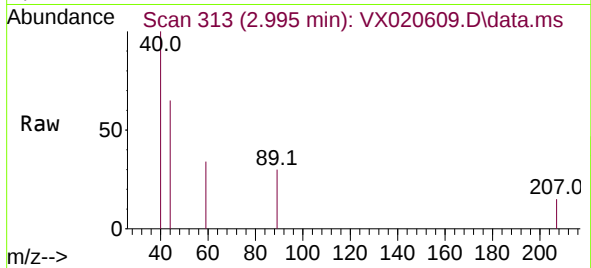




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

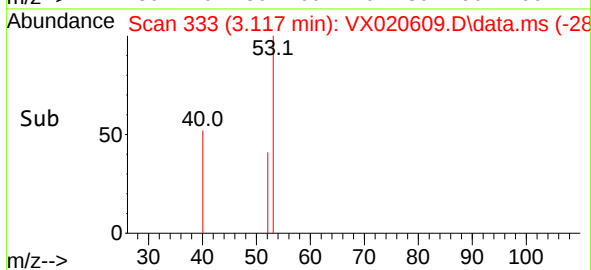
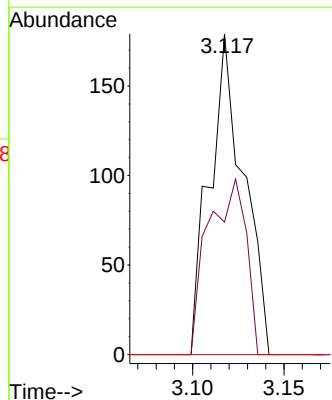
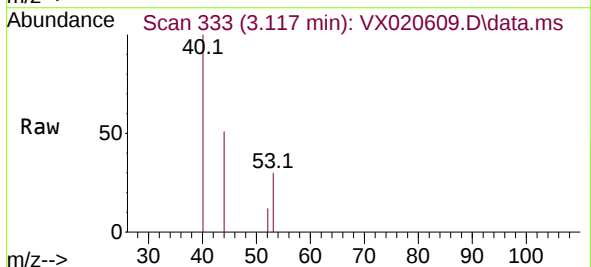
Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK

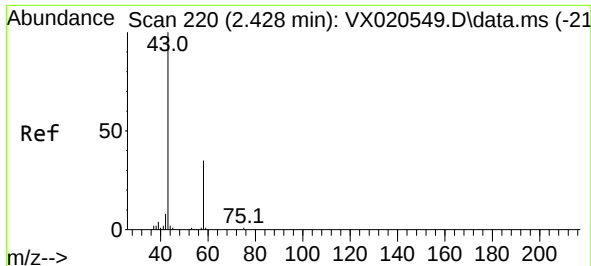
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 53 Resp: 232
Ion Ratio Lower Upper
53 100
52 60.8 65.3 97.9#
51 0.0 28.2 42.2#

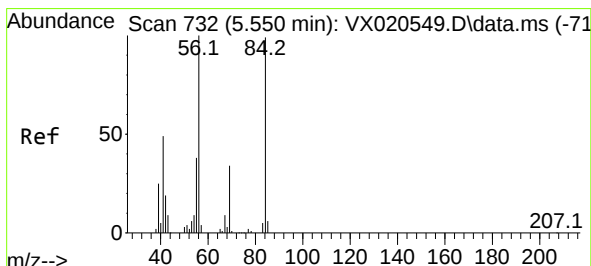
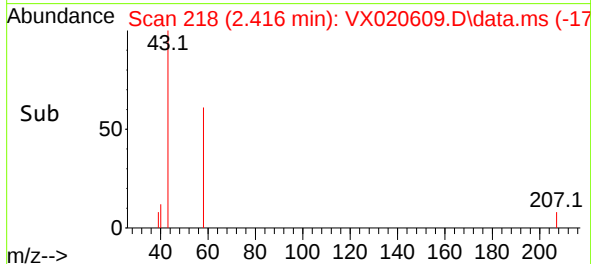
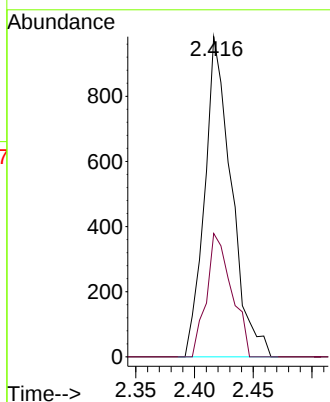
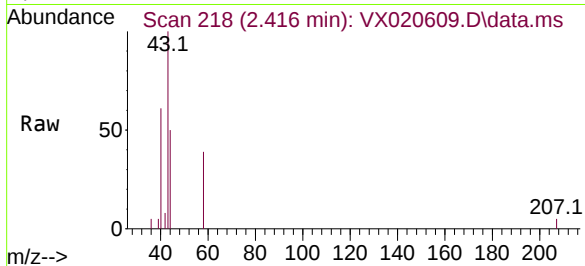




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

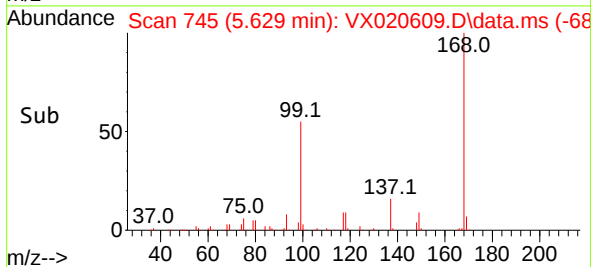
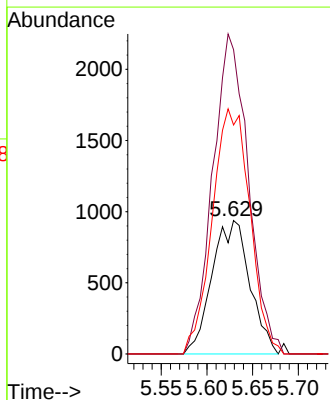
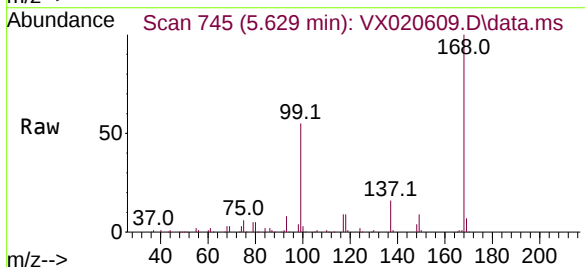
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ClientSampleId :
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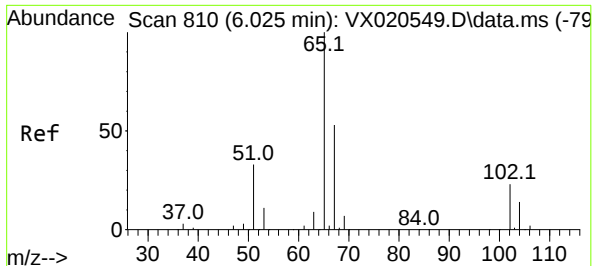
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 38.6 27.8 41.8



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 56 Resp: 2703
Ion Ratio Lower Upper
56 100
69 227.9 25.3 37.9#
84 171.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.45 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020609.D

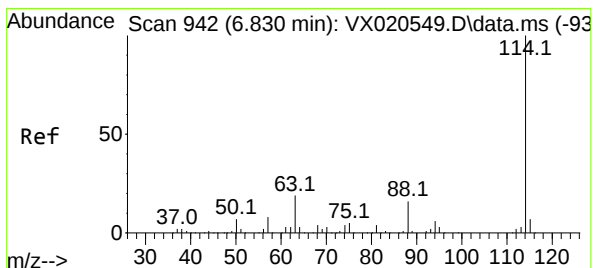
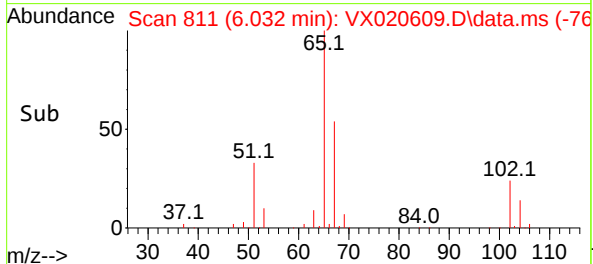
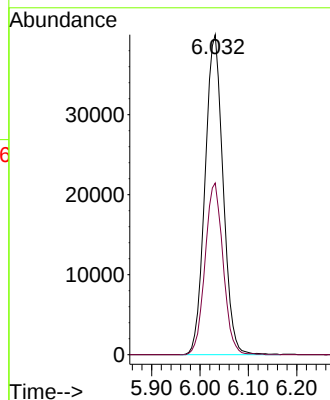
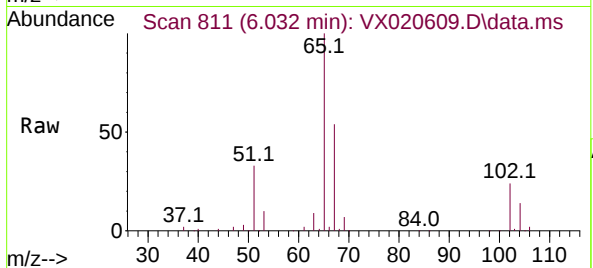
Acq: 14 Jan 2021 13:54

Tgt Ion: 65 Resp: 103659

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020609.D

Acq: 14 Jan 2021 13:54

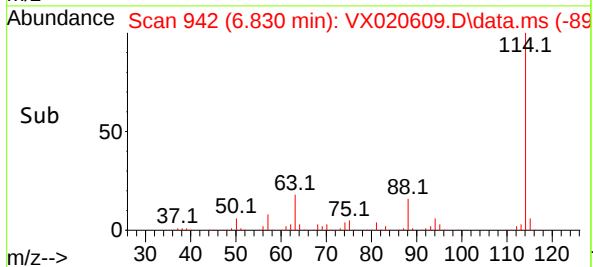
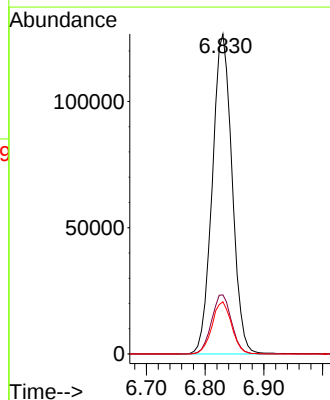
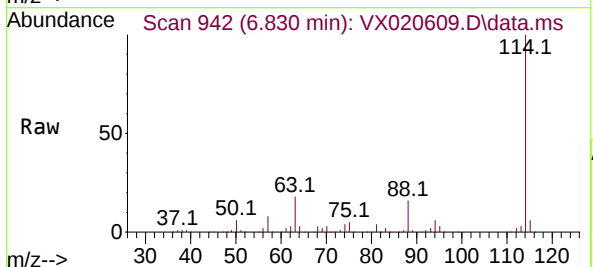
Tgt Ion: 114 Resp: 295873

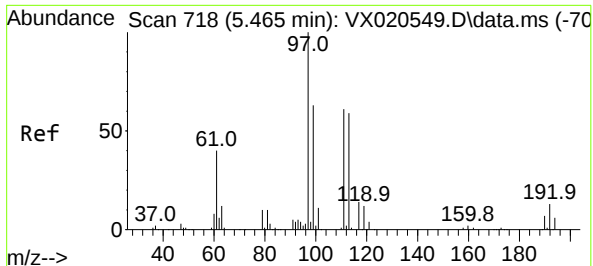
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

88 16.3 0.0 32.8

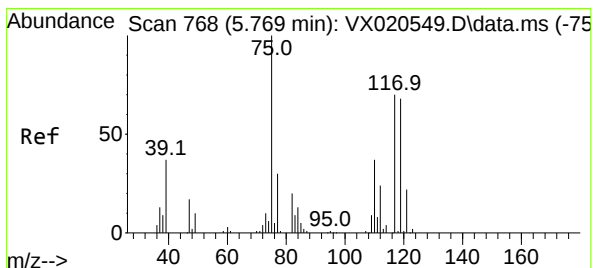
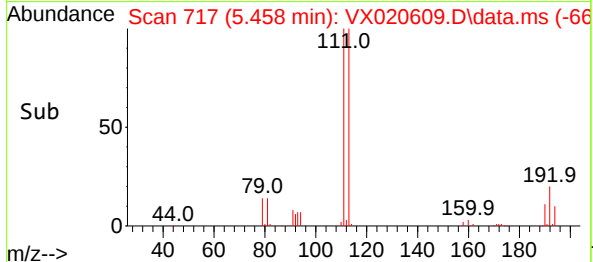
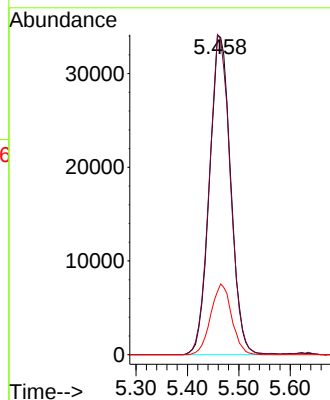
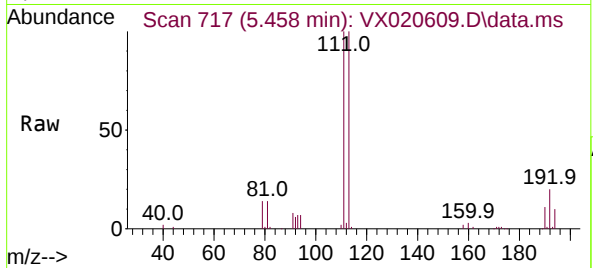




#35
Dibromofluoromethane
Concen: 47.50 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

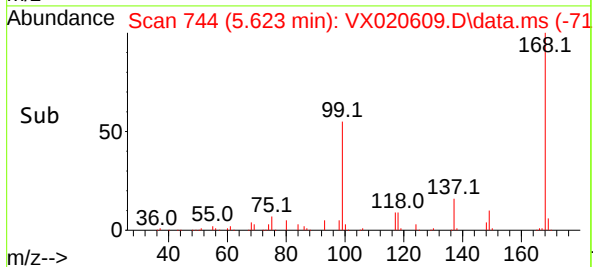
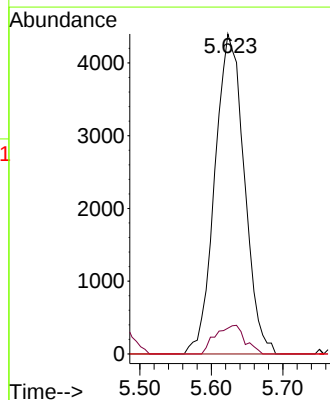
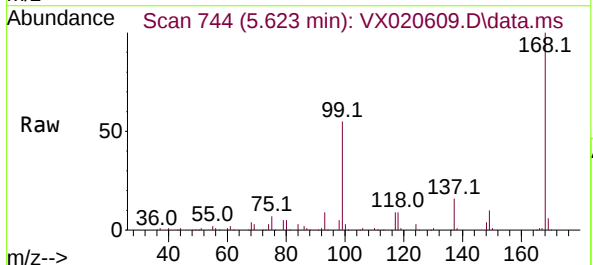
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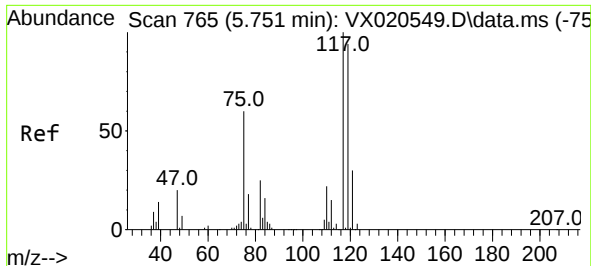
Tgt Ion:113 Resp: 97380
Ion Ratio Lower Upper
113 100
111 99.7 81.9 122.9
192 21.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

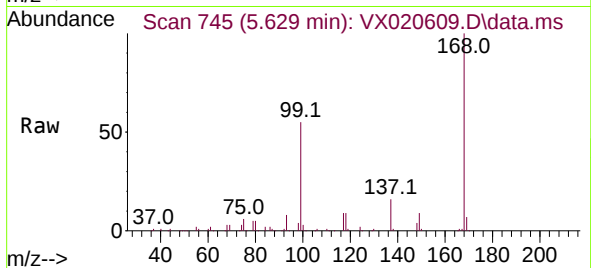
Tgt Ion: 75 Resp: 12587
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



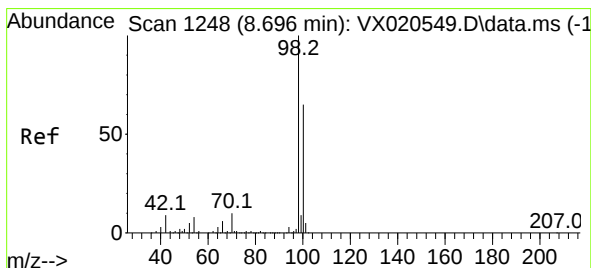
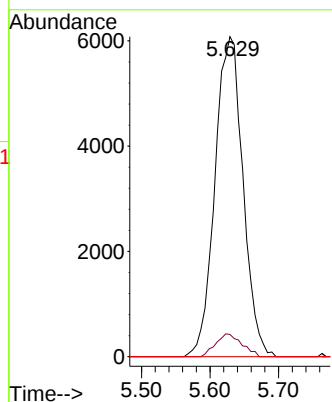
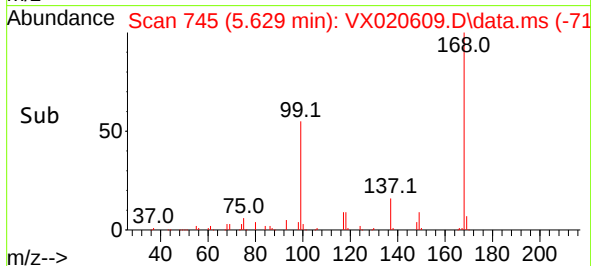


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK

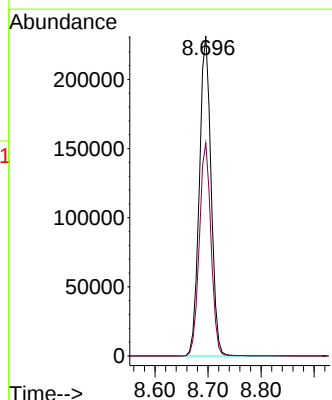
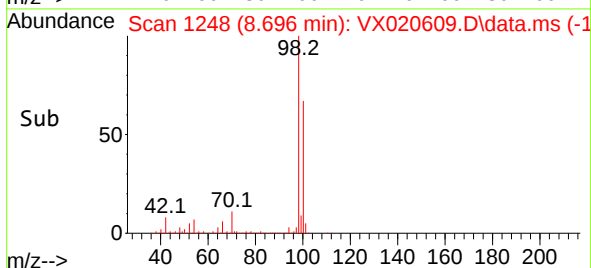
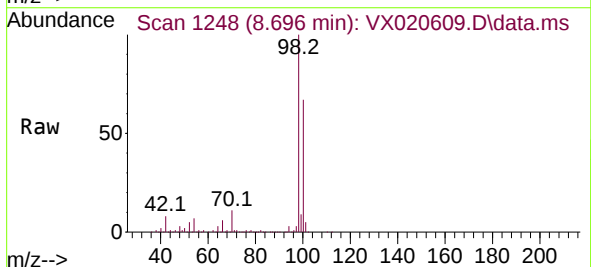


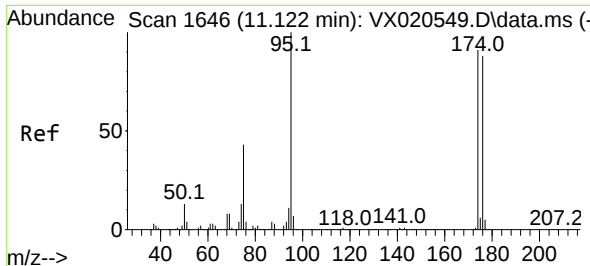
Tgt Ion:117 Resp: 17253
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 98 Resp: 355780
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

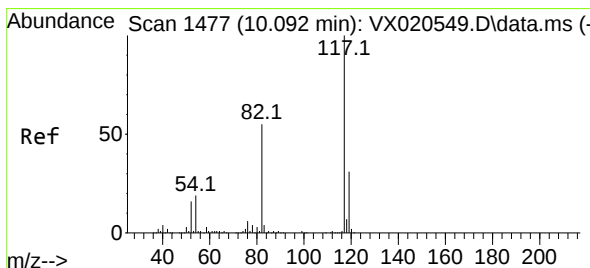
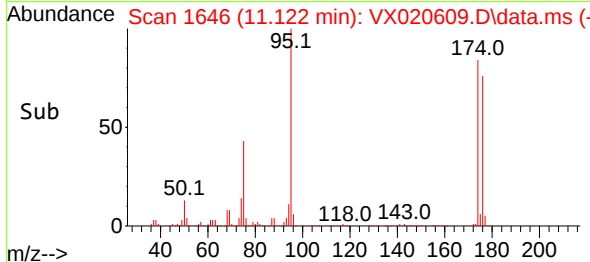
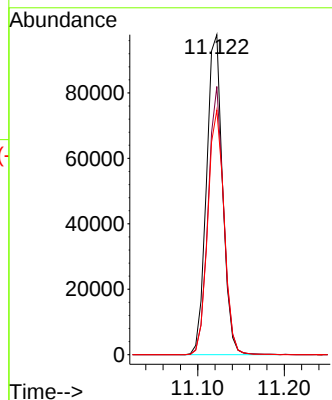
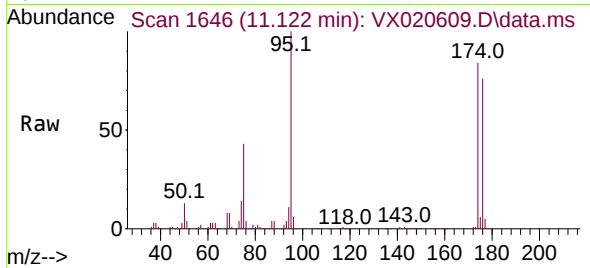




#62
4-Bromofluorobenzene
Concen: 48.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

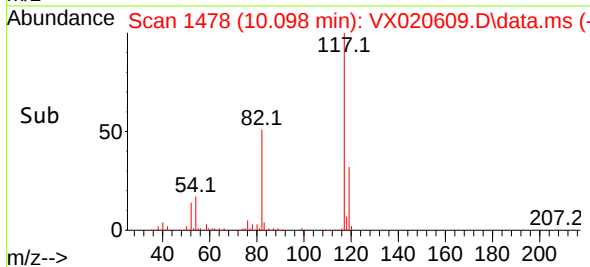
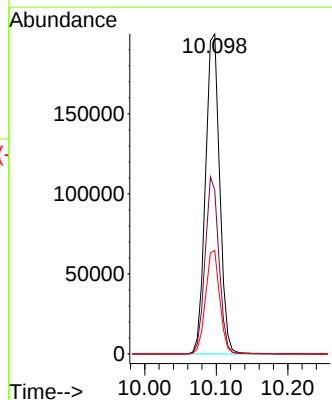
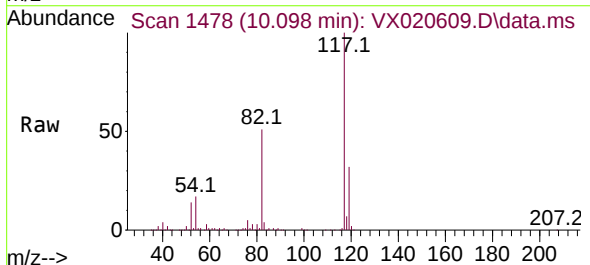
Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK

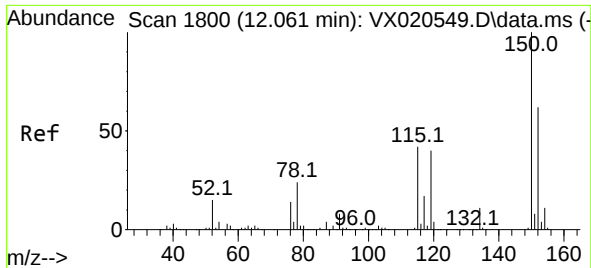
Tgt Ion: 95 Resp: 125995
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Tgt Ion: 117 Resp: 276103
Ion Ratio Lower Upper
117 100
82 51.2 47.4 71.2
119 32.3 26.6 39.8

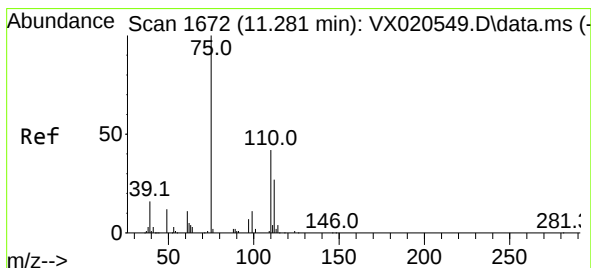
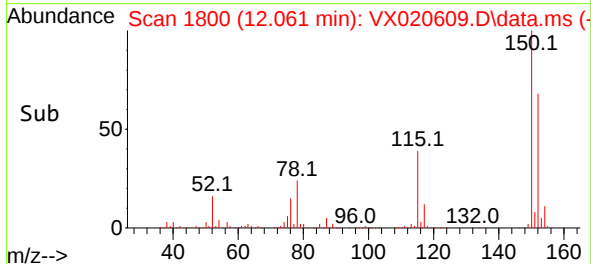
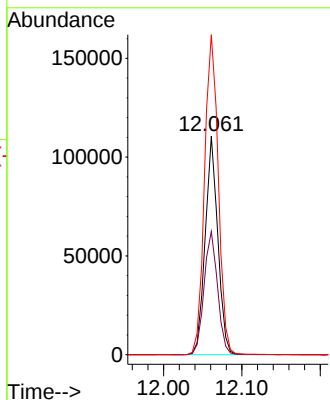
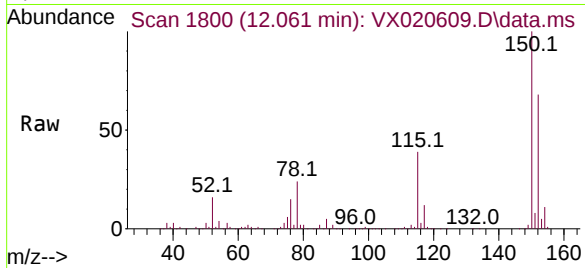




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020609.D
 Acq: 14 Jan 2021 13:54

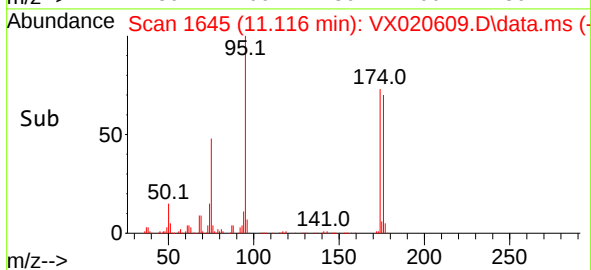
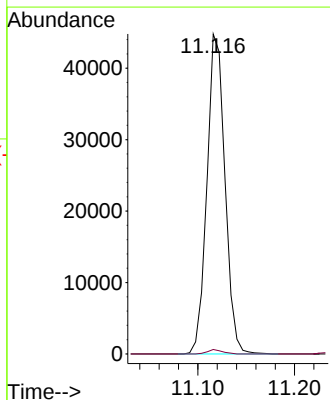
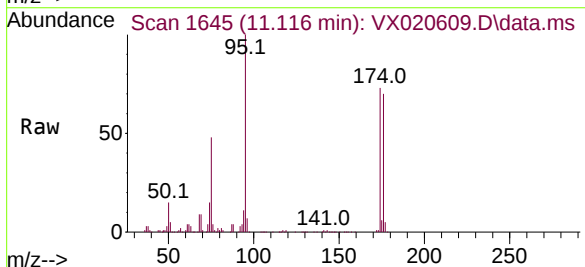
Instrument :
 MSVOA_X
 ClientSampleId :
 210113001-03-TRIP-BLANK

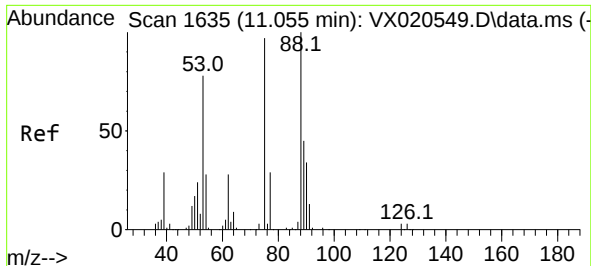
Tgt Ion:152 Resp: 123925
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 159.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.23 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.165 min
 Lab File: VX020609.D
 Acq: 14 Jan 2021 13:54

Tgt Ion: 75 Resp: 58025
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

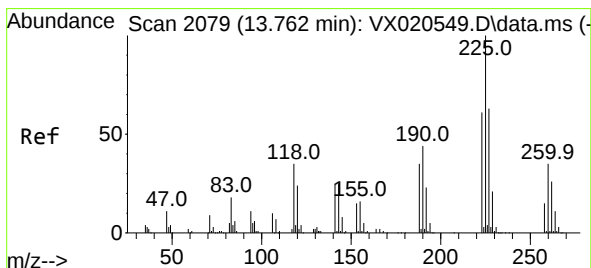
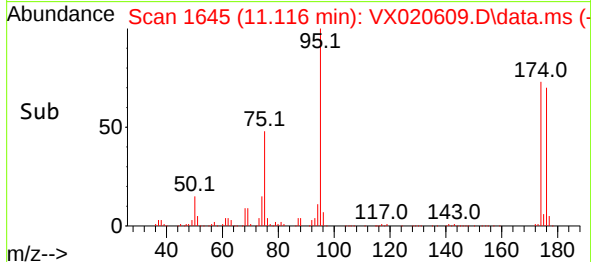
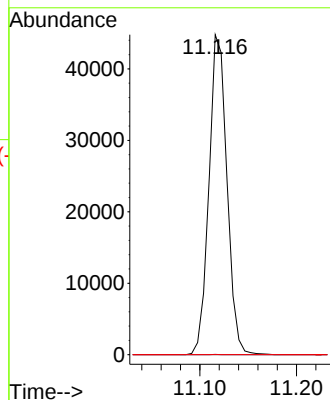
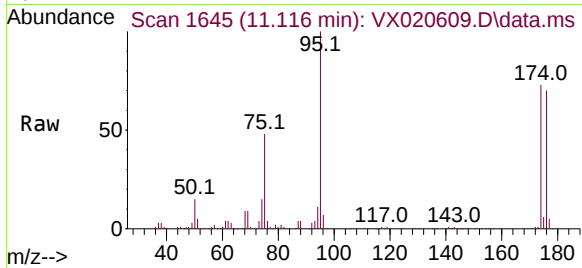




#81
trans-1,4-Dichloro-2-butene
Concen: 60.56 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

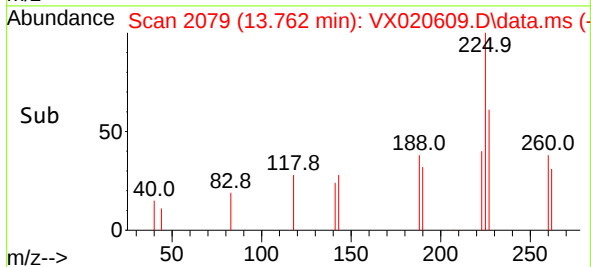
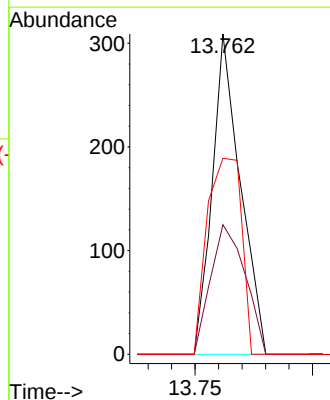
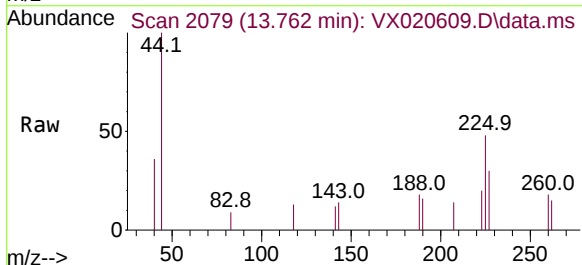
Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK

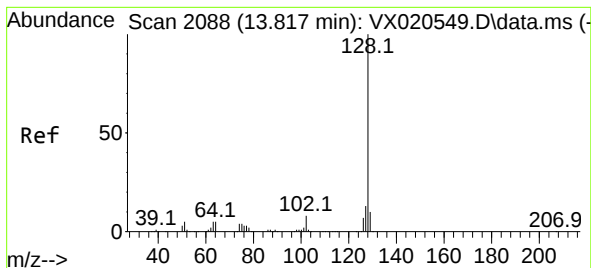
Tgt Ion: 75 Resp: 58025
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 1.05 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

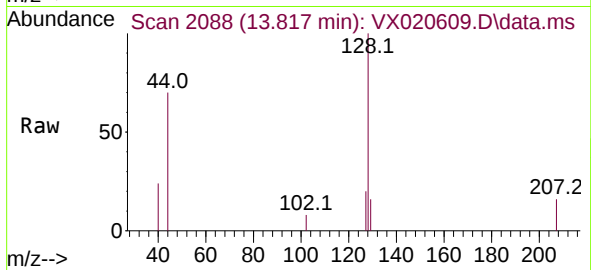
Tgt Ion: 225 Resp: 257
Ion Ratio Lower Upper
225 100
223 49.8 31.1 93.2
227 74.7 31.6 95.0





#95
Naphthalene
Concen: 3.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020609.D
Acq: 14 Jan 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
210113001-03-TRIP-BLANK



Tgt Ion:	128	Resp:	1237
Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.3	15.5#
129	10.5	8.8	13.2

