

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020229.D
 Acq On : 20 Dec 2020 15:13
 Operator : JC/MD
 Sample : L5095-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW104-121420

Quant Time: Dec 21 02:52:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

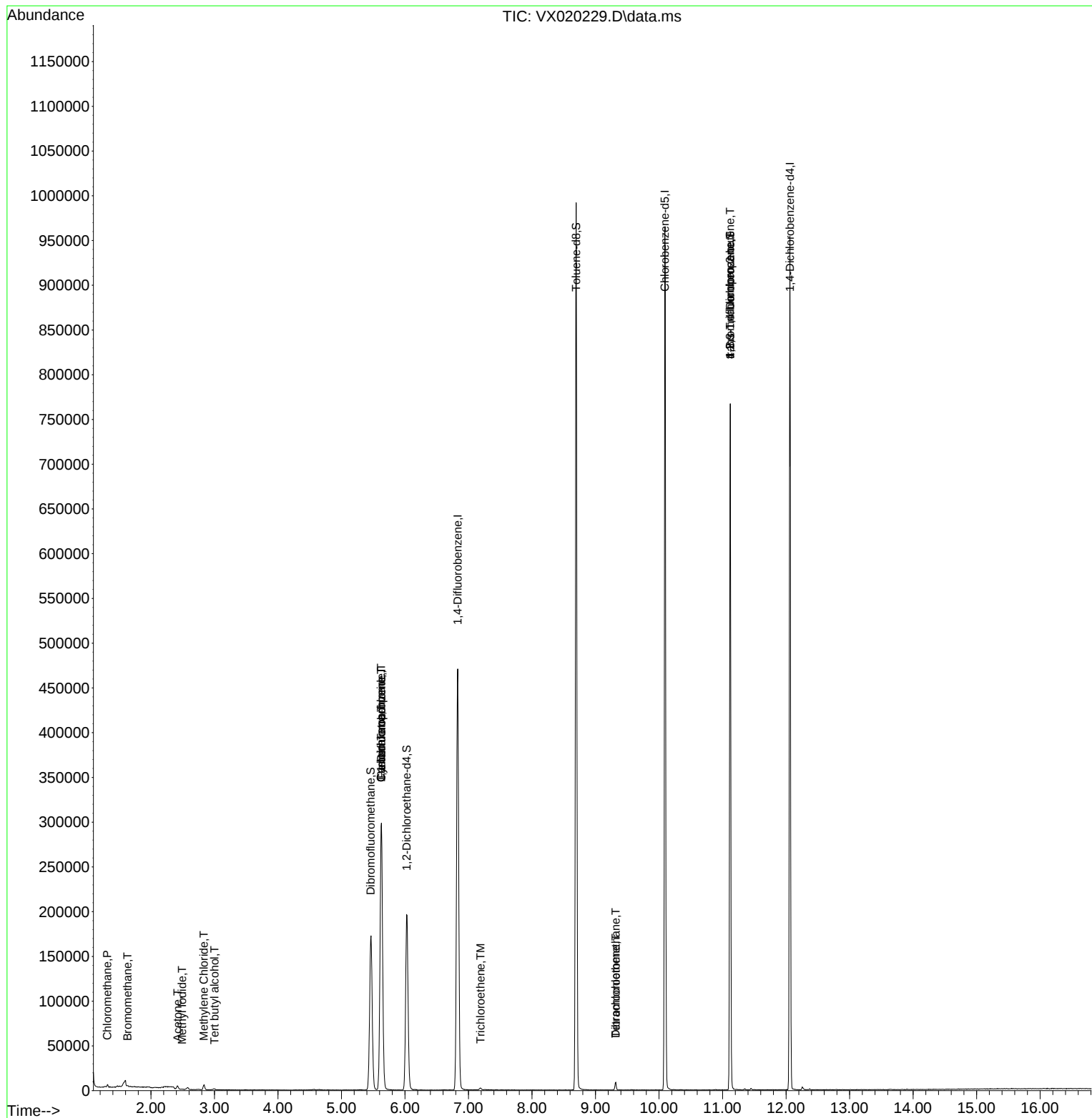
Internal Standards						
1) Pentafluorobenzene	5.629	168	283191	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	477305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	445336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188050	49.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.08%		
35) Dibromofluoromethane	5.458	113	152296	49.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.76%		
50) Toluene-d8	8.695	98	585534	49.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.64%		
62) 4-Bromofluorobenzene	11.122	95	205650	45.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.44%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1493	0.42	ug/l	94
5) Bromomethane	1.630	94	760	0.61	ug/l	84
10) Methyl Iodide	2.489	142	207	3.34	ug/l #	63
11) Tert butyl alcohol	3.001	59	793	0.93	ug/l #	73
16) Acetone	2.416	43	3798	2.19	ug/l	95
20) Methylene Chloride	2.831	84	2473	0.63	ug/l	89
31) Cyclohexane	5.623	56	5768	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21913	4.65	ug/l #	48
38) Carbon Tetrachloride	5.623	117	28128	6.27	ug/l #	16
44) Trichloroethene	7.190	130	912	0.24	ug/l	95
60) Dibromochloromethane	9.317	129	1483	0.40	ug/l #	11
64) Tetrachloroethene	9.317	164	1480	0.44	ug/l #	85
76) 1,2,3-Trichloropropane	11.122	75	100348	21.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100348	64.01	ug/l #	12

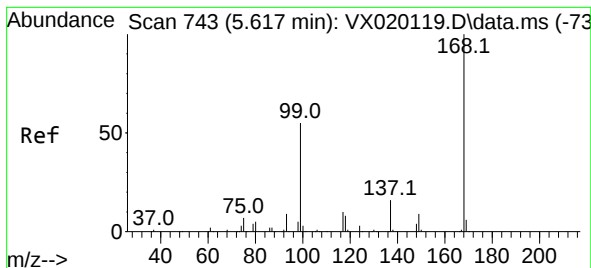
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.012 min

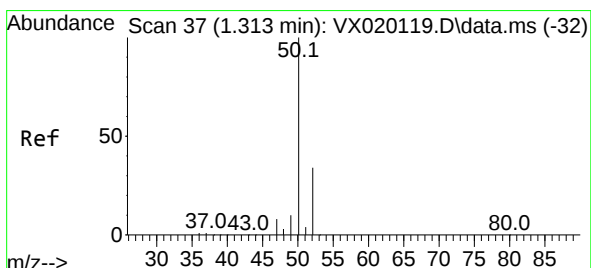
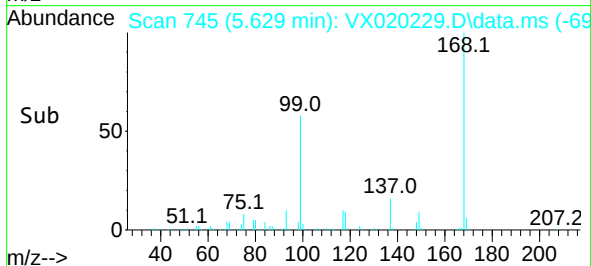
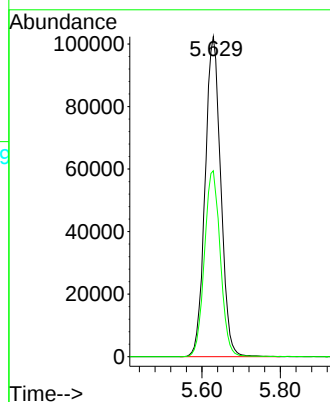
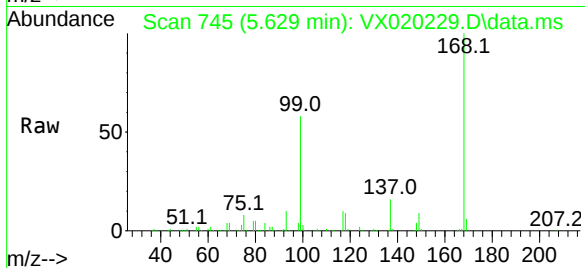
Lab File: VX020229.D

Acq: 20 Dec 2020 15:13

Tgt Ion:168 Resp: 283191

Ion Ratio Lower Upper

168	100		
99	58.1	45.8	68.6



#3

Chloromethane

Concen: 0.42 ug/l

RT: 1.313 min Scan# 37

Delta R.T. -0.000 min

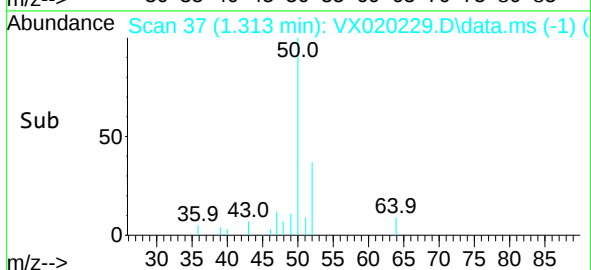
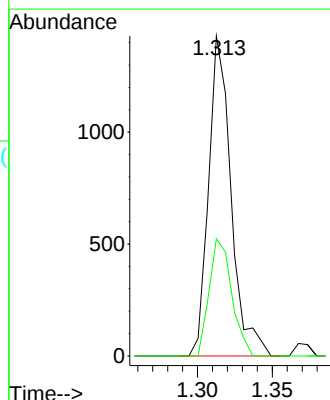
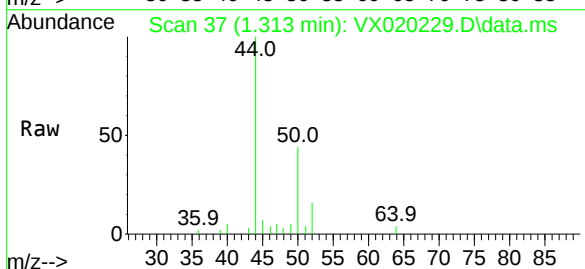
Lab File: VX020229.D

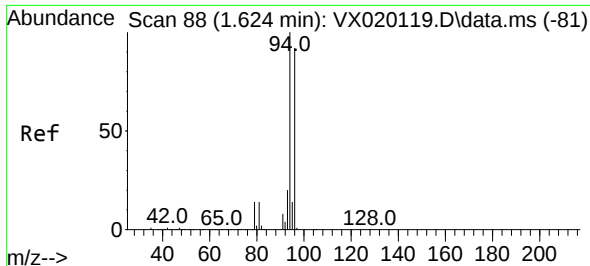
Acq: 20 Dec 2020 15:13

Tgt Ion: 50 Resp: 1493

Ion Ratio Lower Upper

50	100		
52	36.6	26.4	39.6

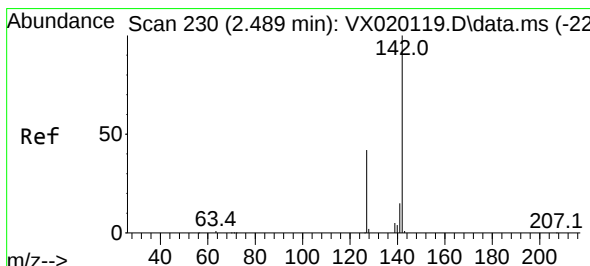
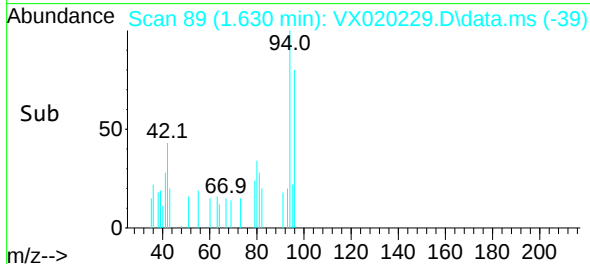
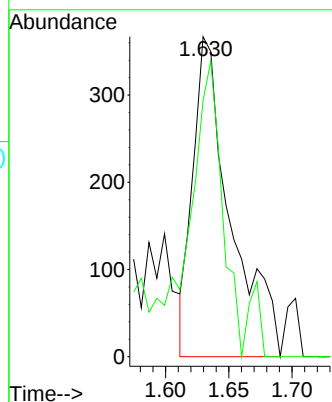
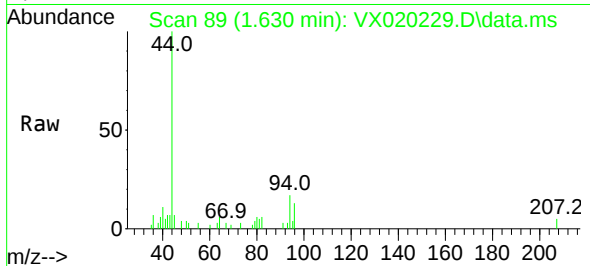




#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

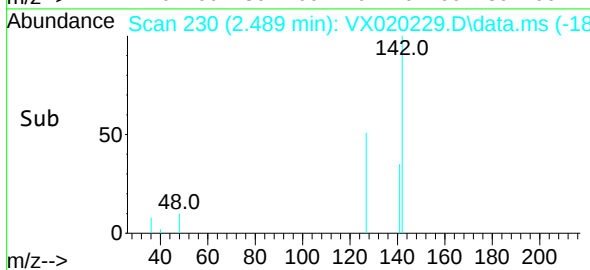
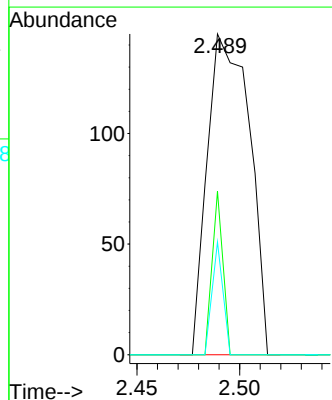
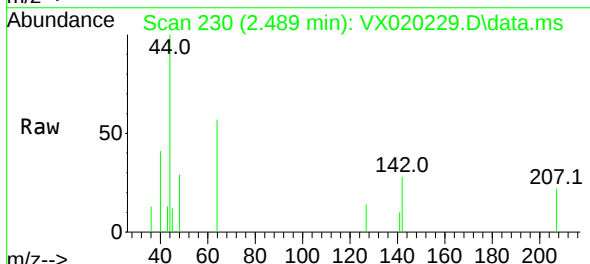
Instrument :
MSVOA_X
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39-MW104-121420

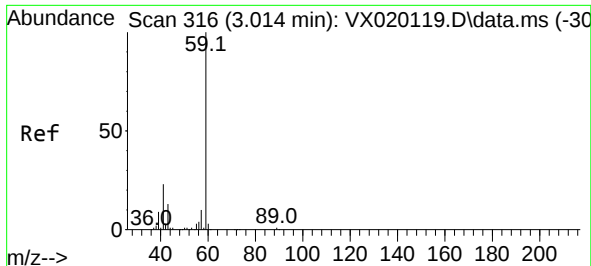
Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 80.1 76.4 114.6



#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

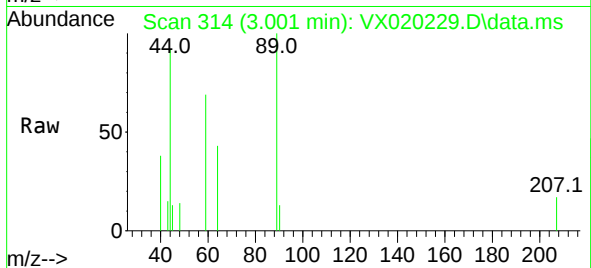
Tgt Ion: 142 Resp: 207
Ion Ratio Lower Upper
142 100
127 13.0 33.3 49.9#
141 9.2 11.4 17.0#



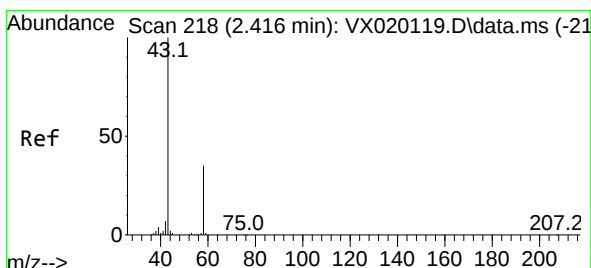
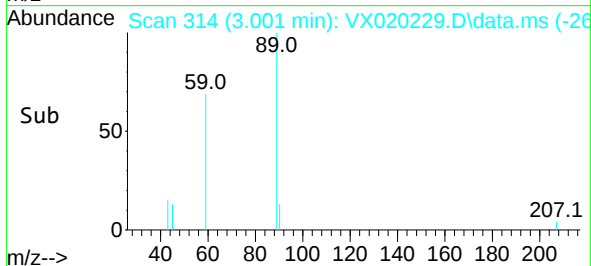
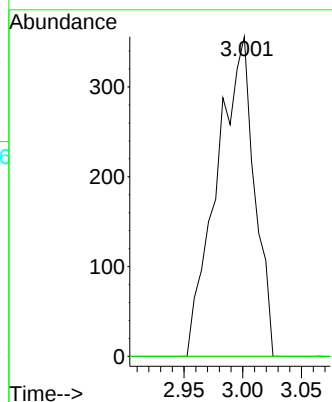


#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420

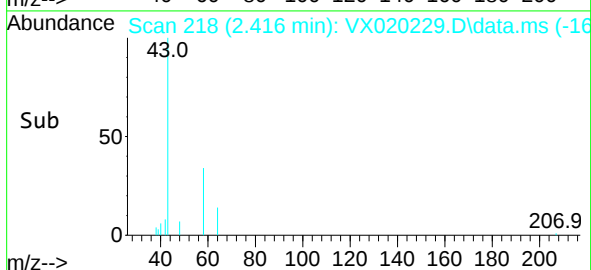
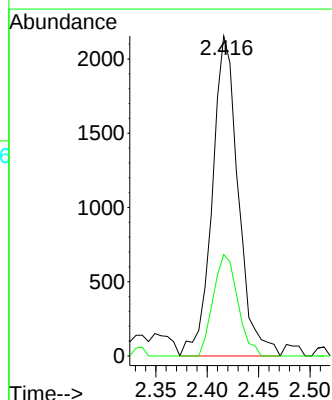
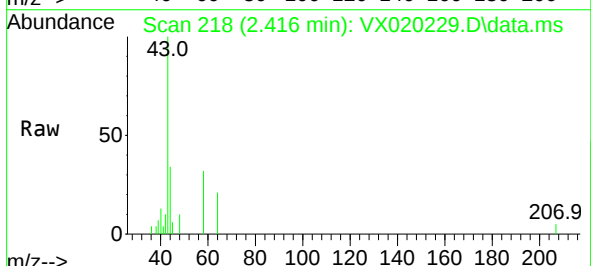


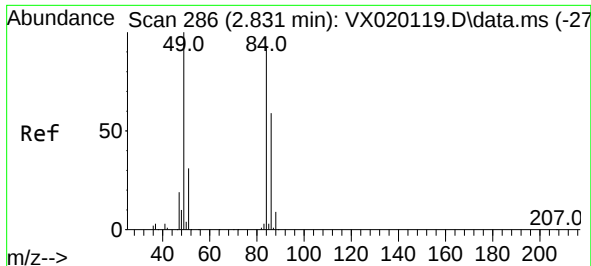
Tgt Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.19 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8





#20

Methylene Chloride

Concen: 0.63 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020229.D

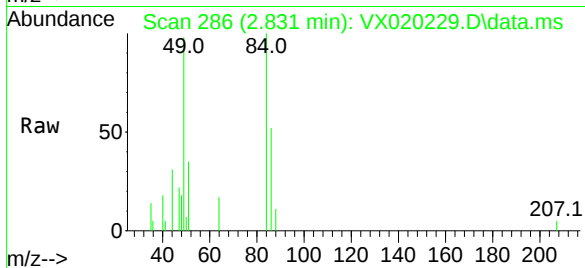
Acq: 20 Dec 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

39-MW104-121420



Tgt Ion: 84 Resp: 2473

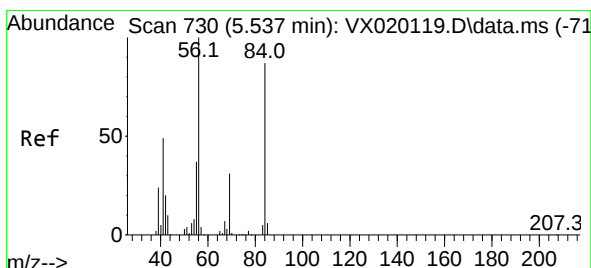
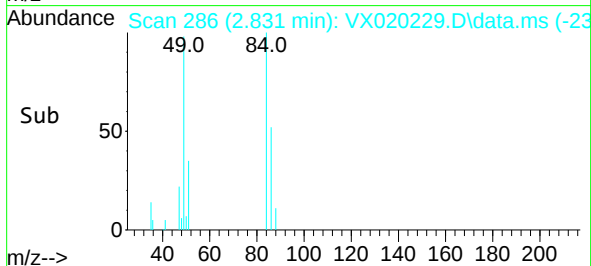
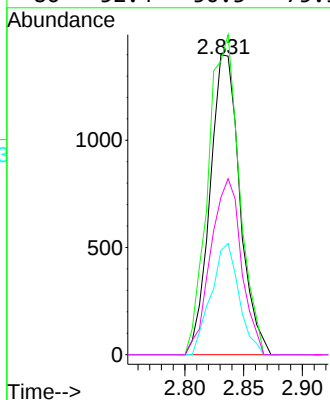
Ion Ratio Lower Upper

84 100

49 97.9 88.6 132.8

51 34.7 27.0 40.6

86 52.4 50.3 75.5



#31

Cyclohexane

Concen: 1.10 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.086 min

Lab File: VX020229.D

Acq: 20 Dec 2020 15:13

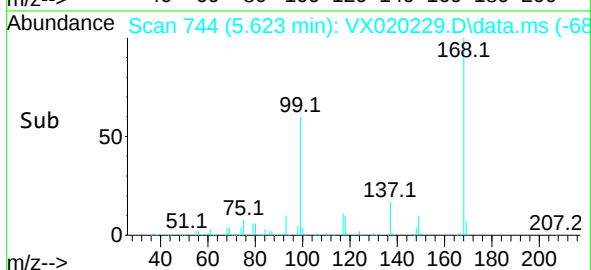
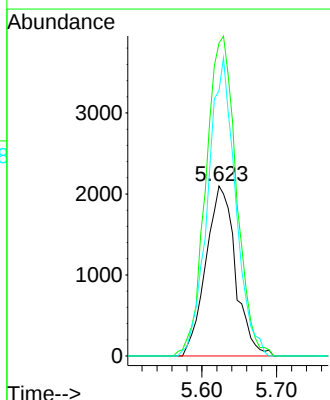
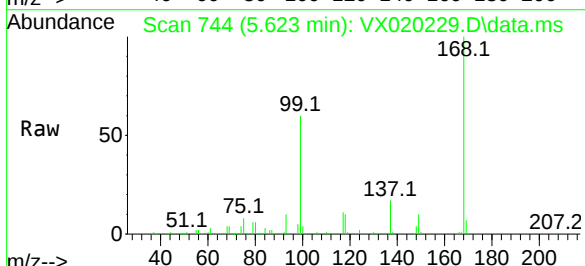
Tgt Ion: 56 Resp: 5768

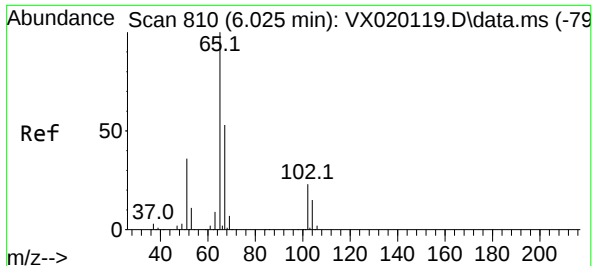
Ion Ratio Lower Upper

56 100

69 184.1 25.3 37.9#

84 156.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.54 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020229.D

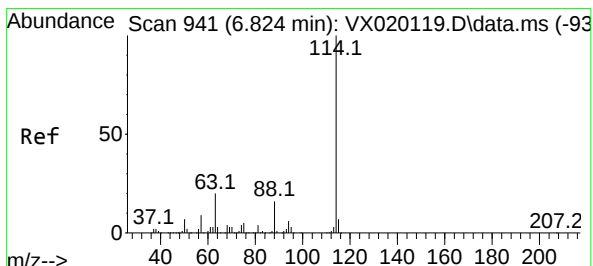
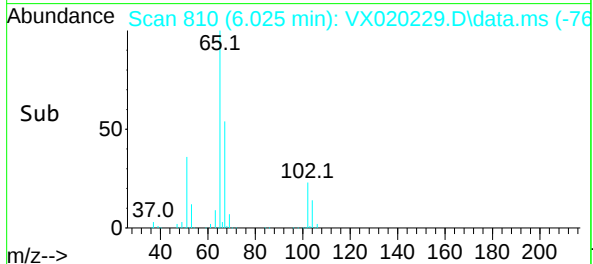
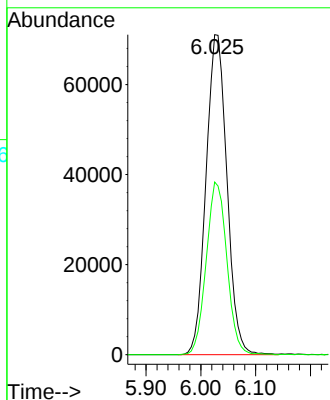
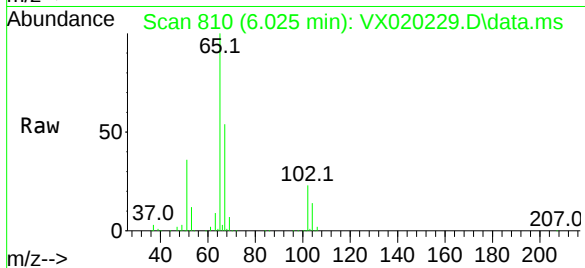
Acq: 20 Dec 2020 15:13

Tgt Ion: 65 Resp: 188050

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020229.D

Acq: 20 Dec 2020 15:13

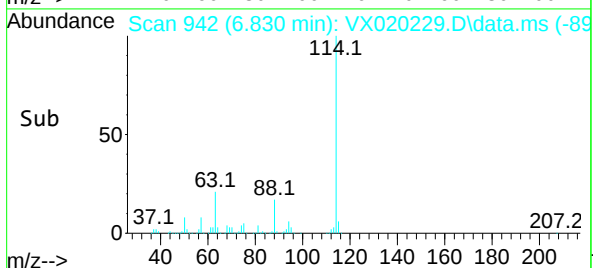
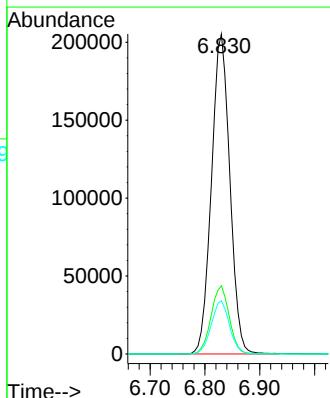
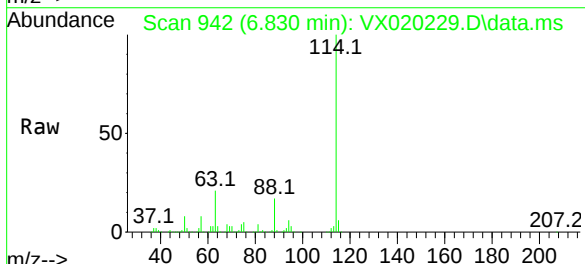
Tgt Ion: 114 Resp: 477305

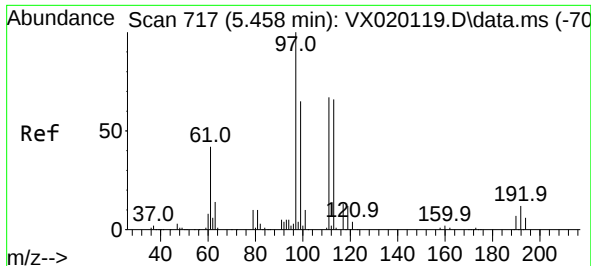
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

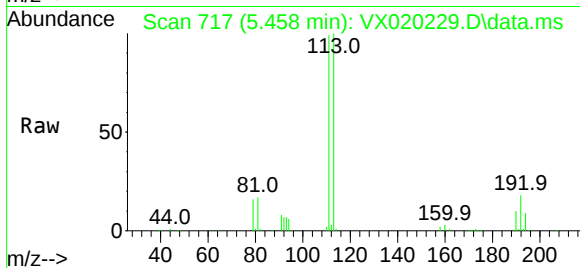
88 16.6 0.0 32.8



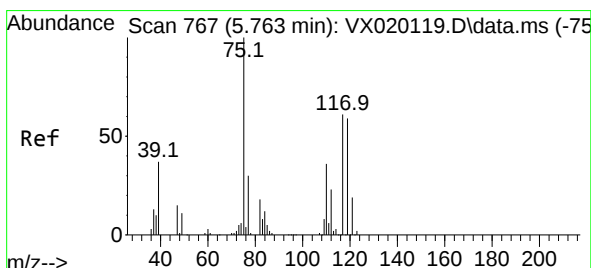
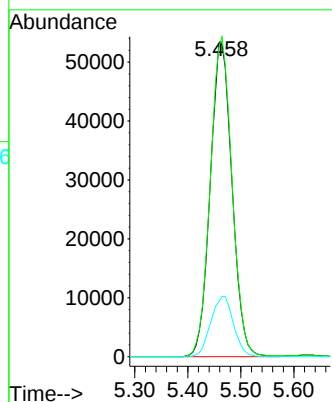
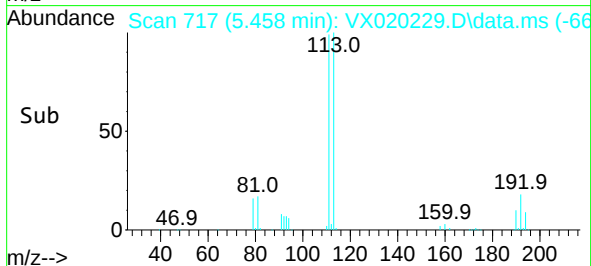


#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

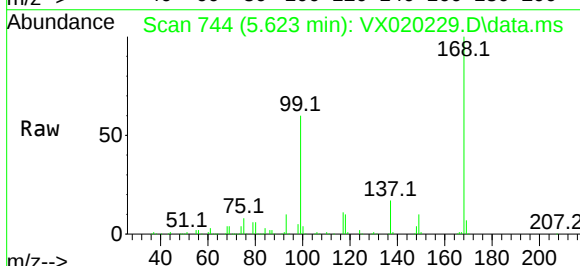
Instrument :
MSVOA_X
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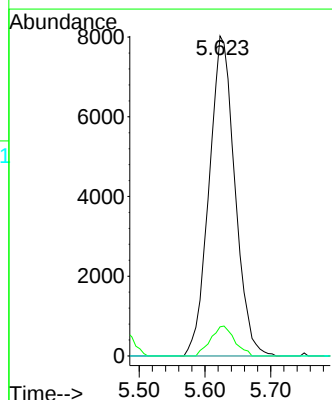
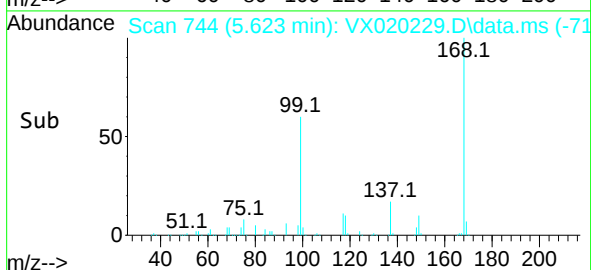
Tgt Ion:113 Resp: 152296
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.9 16.7 25.1

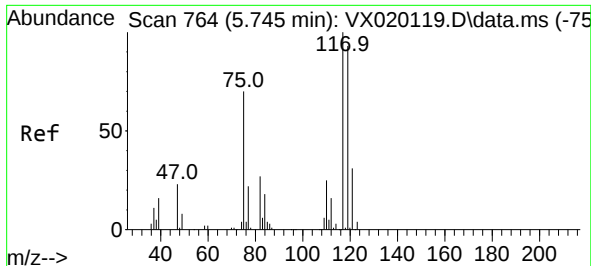


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13



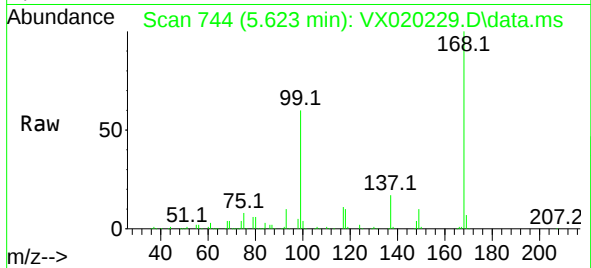
Tgt Ion: 75 Resp: 21913
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



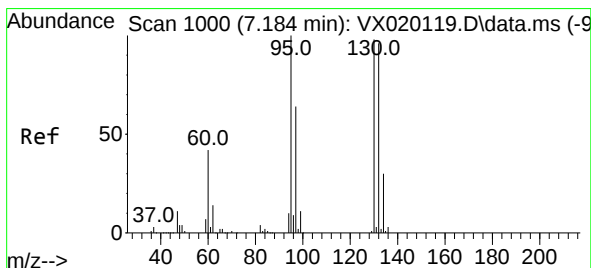
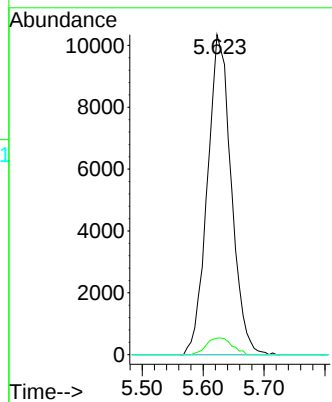
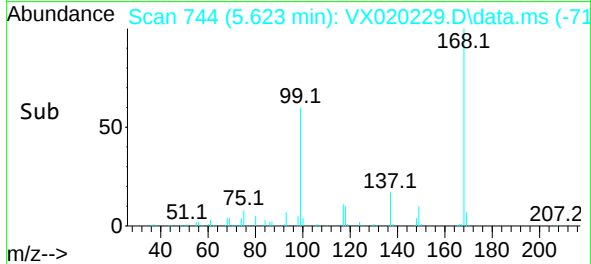


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

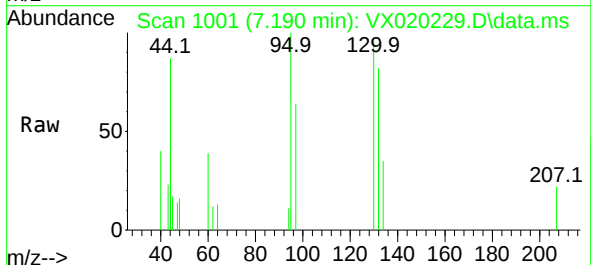
Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420



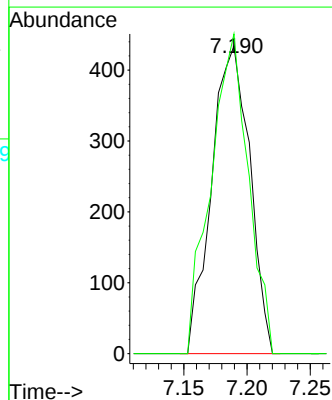
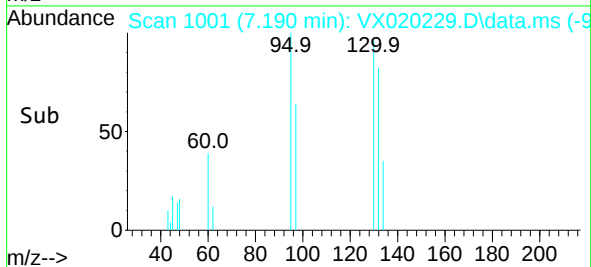
Tgt Ion:117 Resp: 28128
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

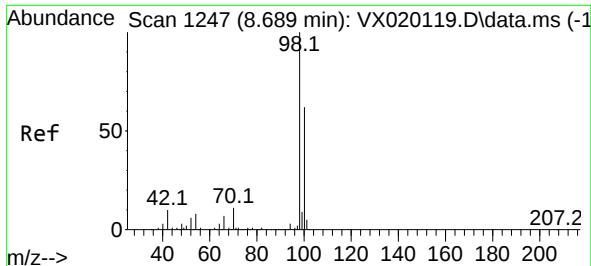


#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13



Tgt Ion:130 Resp: 912
Ion Ratio Lower Upper
130 100
95 103.9 0.0 198.0

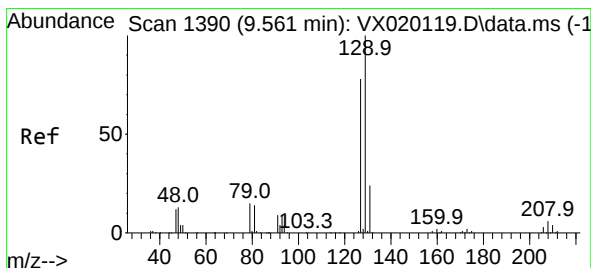
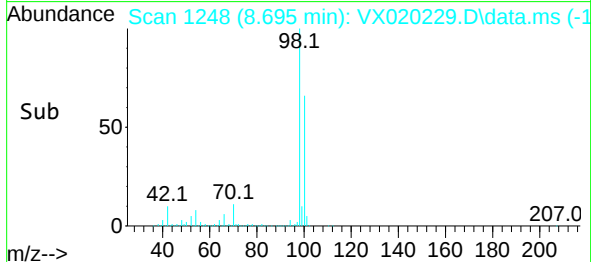
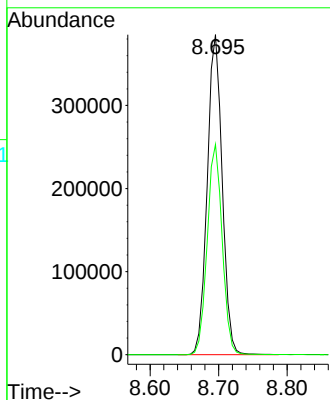
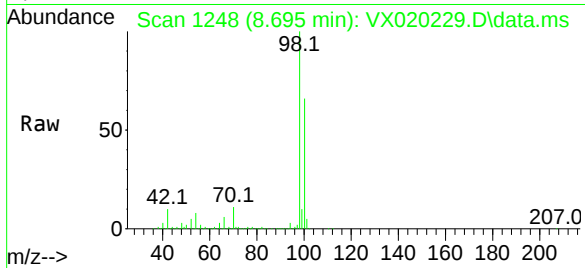




#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

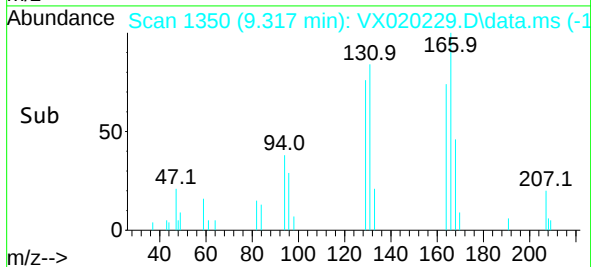
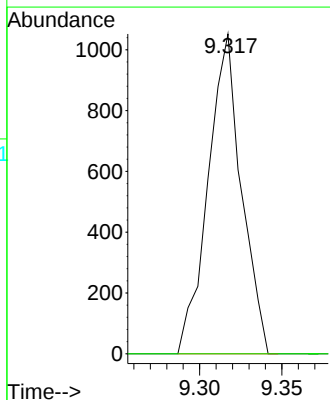
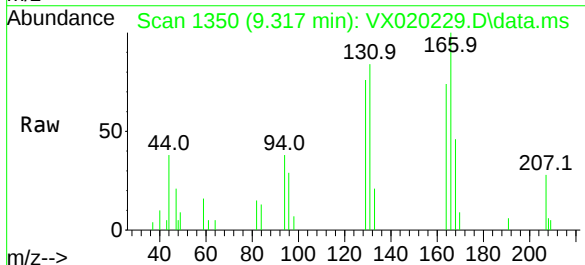
Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420

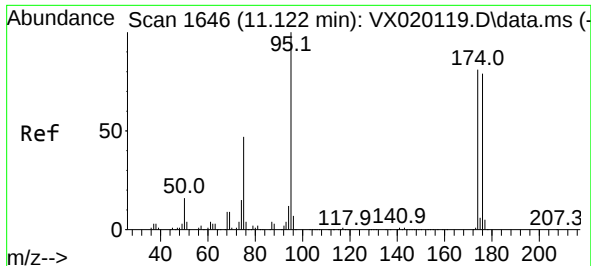
Tgt Ion: 98 Resp: 585534
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#60
Dibromochloromethane
Concen: 0.40 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Tgt Ion: 129 Resp: 1483
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

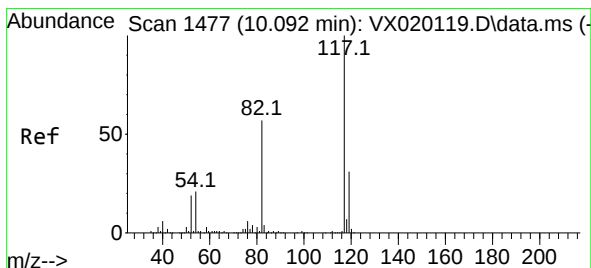
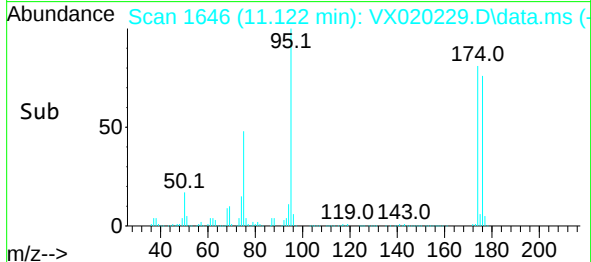
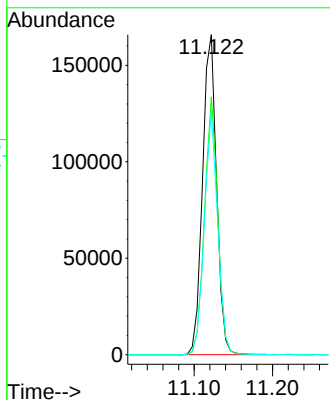
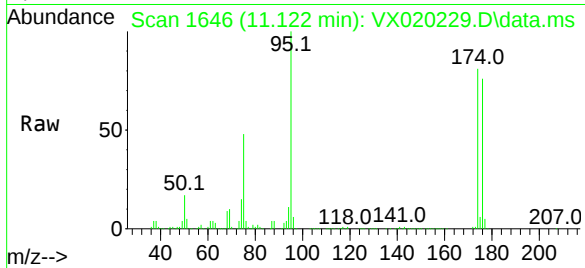




#62
4-Bromofluorobenzene
Concen: 45.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

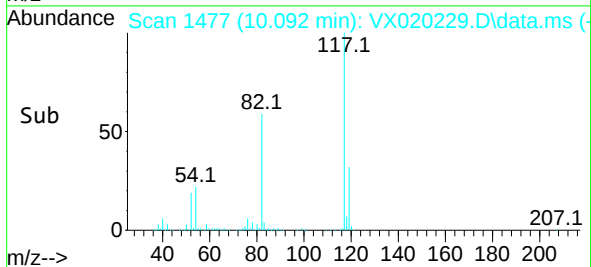
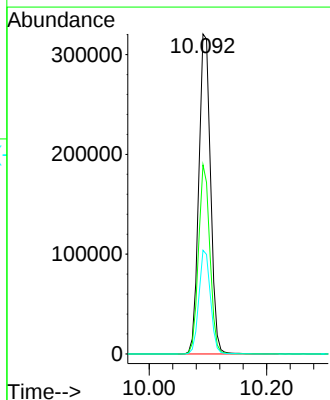
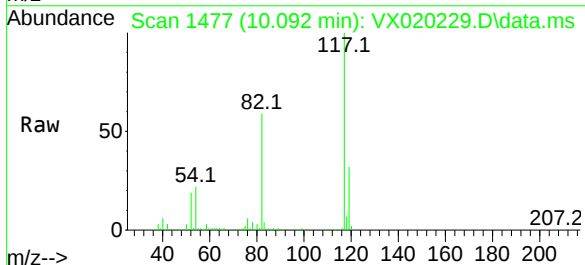
Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420

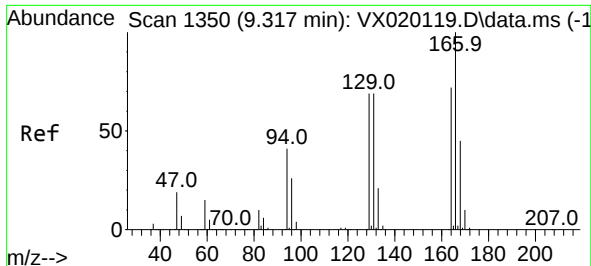
Tgt Ion: 95 Resp: 205650
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 72.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Tgt Ion: 117 Resp: 445336
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.4 26.6 39.8

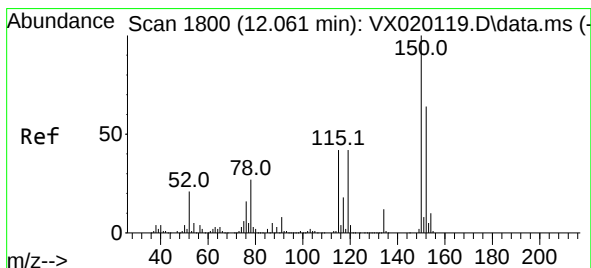
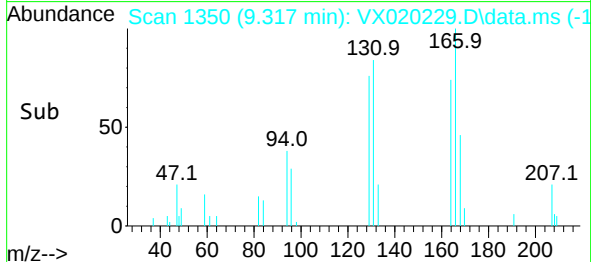
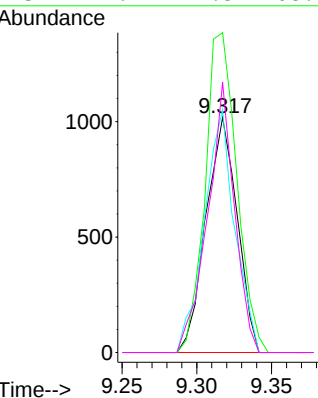
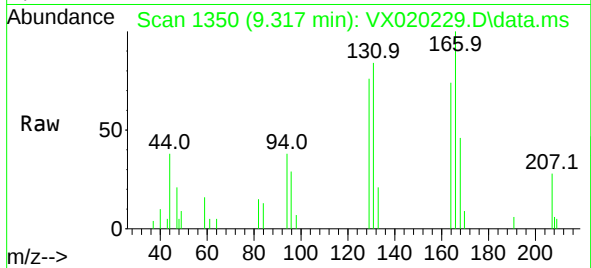




#64
Tetrachloroethene
Concen: 0.44 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

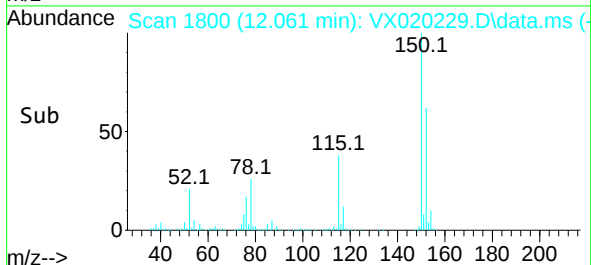
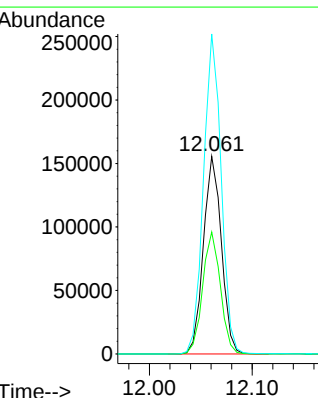
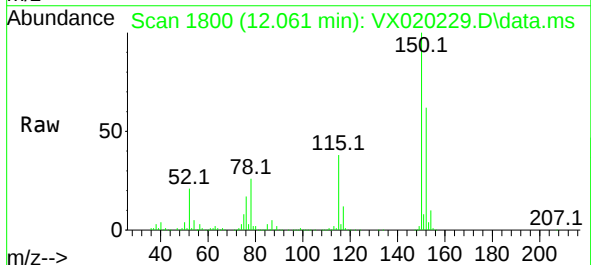
Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420

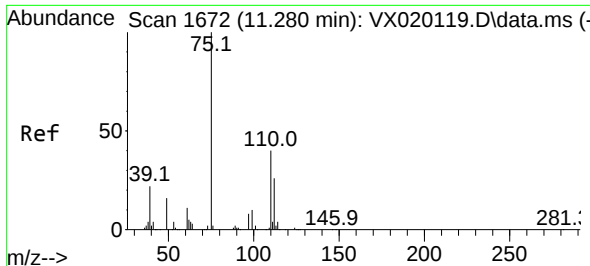
Tgt Ion:164 Resp: 1480
Ion Ratio Lower Upper
164 100
166 136.1 103.4 155.2
129 103.3 70.8 106.2
131 114.9 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Tgt Ion:152 Resp: 188813
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 158.8 0.0 349.0

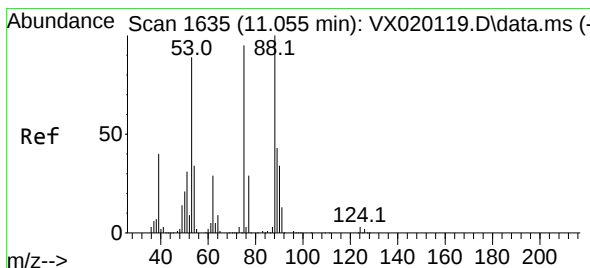
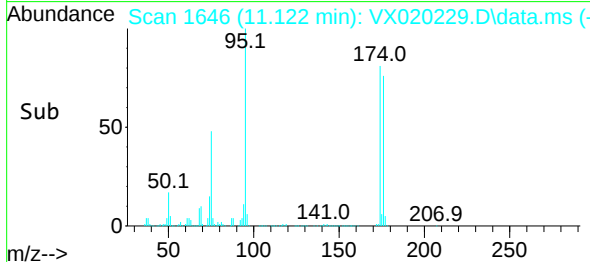
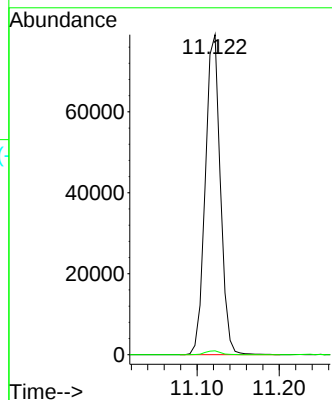
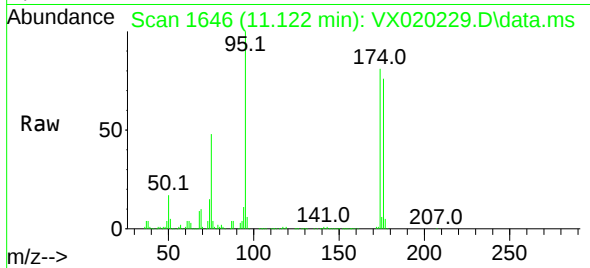




#76
1,2,3-Trichloropropane
Concen: 21.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
39-MW104-121420

Tgt Ion: 75 Resp: 100348
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020229.D
Acq: 20 Dec 2020 15:13

Tgt Ion: 75 Resp: 100348
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

