

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020363.D
 Acq On : 24 Dec 2020 01:37
 Operator : JC/MD
 Sample : L5095-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-FD02-121420

Quant Time: Dec 24 05:35:27 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)

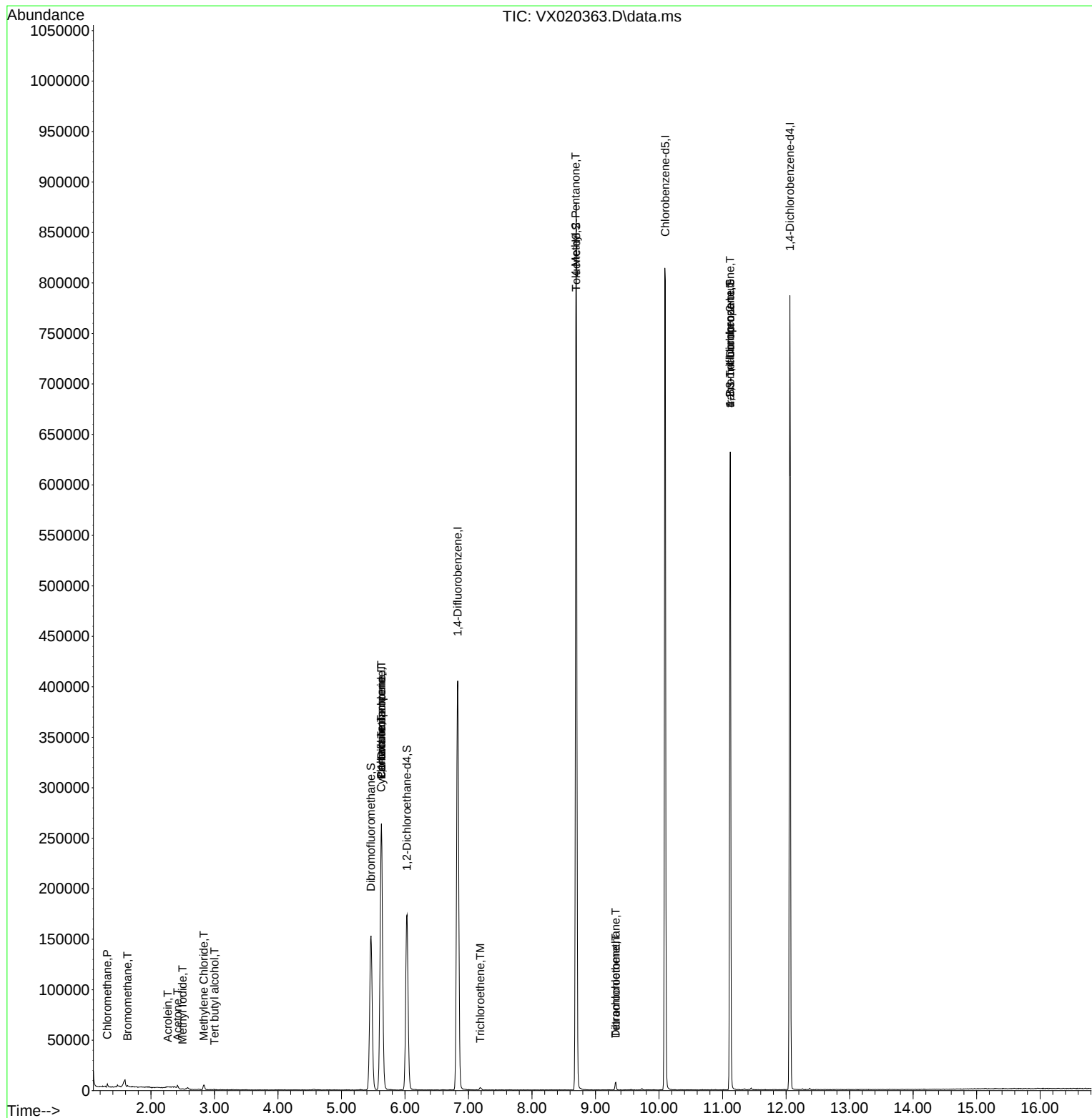
Internal Standards						
1) Pentafluorobenzene	5.629	168	246375	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	414416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	380742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	166832	50.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.04%			
35) Dibromofluoromethane	5.464	113	133125	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.44%			
50) Toluene-d8	8.696	98	512604	50.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.46%			
62) 4-Bromofluorobenzene	11.122	95	172438	44.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.30%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1707	0.55	ug/l	98
5) Bromomethane	1.630	94	573	0.53	ug/l #	70
10) Methyl Iodide	2.495	142	332	3.38	ug/l #	74
11) Tert butyl alcohol	3.001	59	266	0.36	ug/l #	73
13) Acrolein	2.264	56	98	0.21	ug/l #	1
16) Acetone	2.416	43	3463	2.30	ug/l	93
20) Methylene Chloride	2.831	84	2192	0.65	ug/l	97
31) Cyclohexane	5.623	56	5035	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19038	4.65	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24043	6.17	ug/l #	17
44) Trichloroethene	7.184	130	948	0.29	ug/l	96
51) 4-Methyl-2-Pentanone	8.689	43	2096	0.50	ug/l #	1
60) Dibromochloromethane	9.317	129	1363	0.43	ug/l #	11
64) Tetrachloroethene	9.317	164	1360	0.47	ug/l	89
76) 1,2,3-Trichloropropane	11.122	75	83855	20.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83855	61.00	ug/l #	12

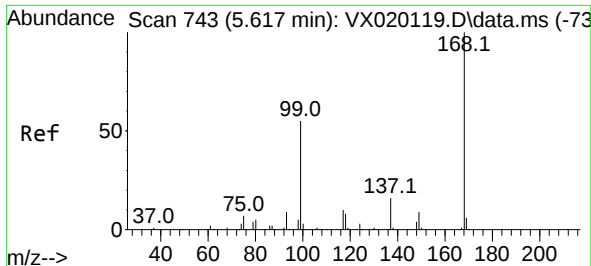
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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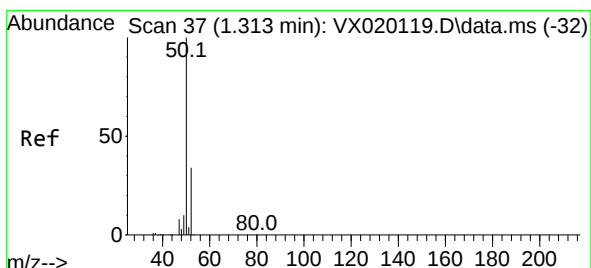
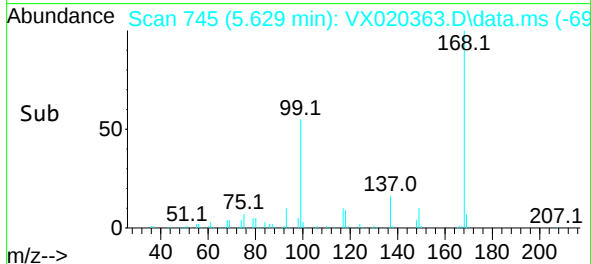
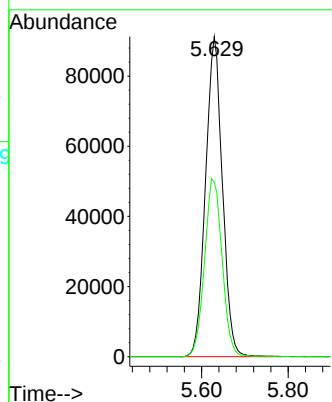
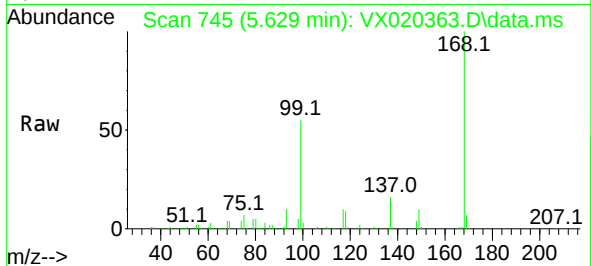




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

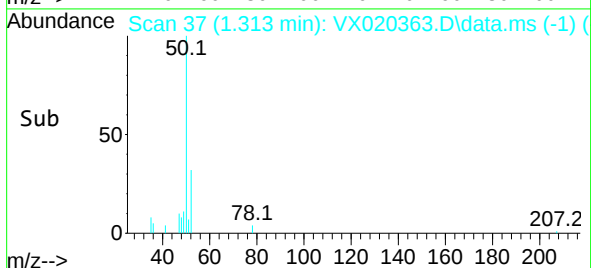
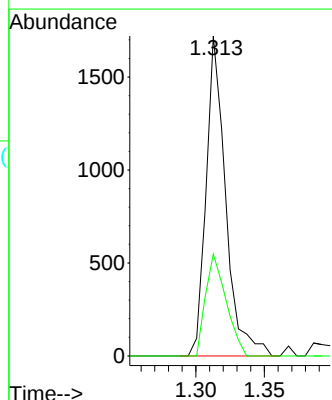
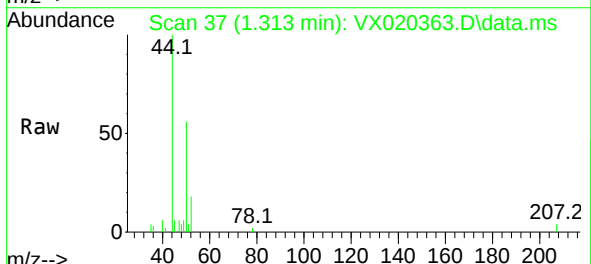
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

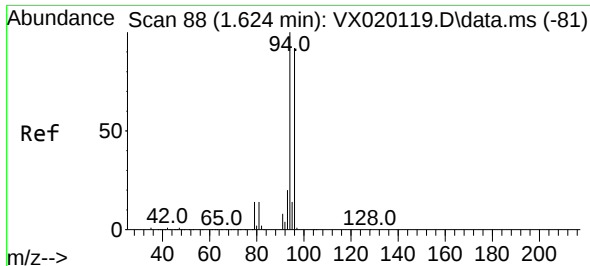
Tgt Ion:168 Resp: 246375
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#3
Chloromethane
Concen: 0.55 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 50 Resp: 1707
Ion Ratio Lower Upper
50 100
52 31.8 26.4 39.6

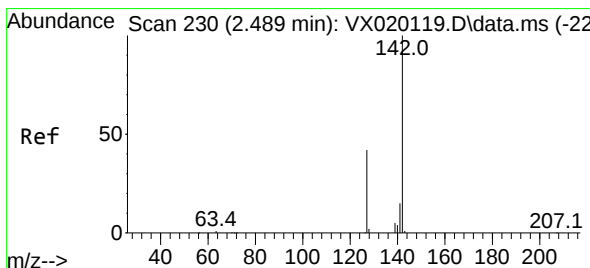
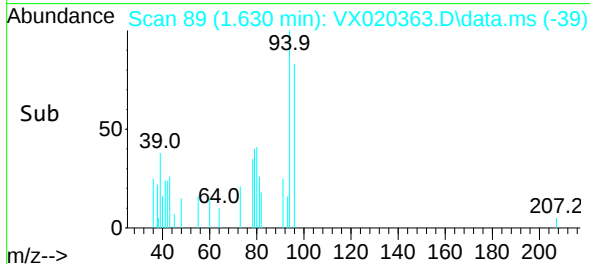
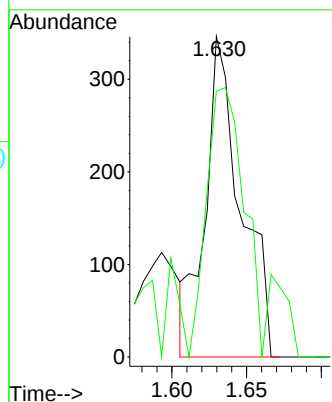
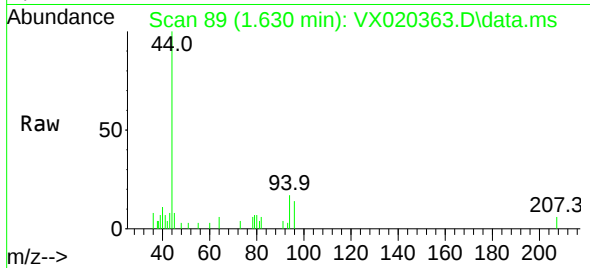




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

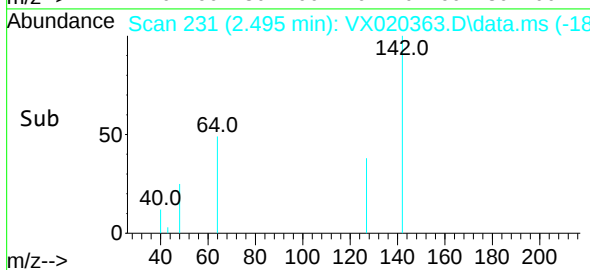
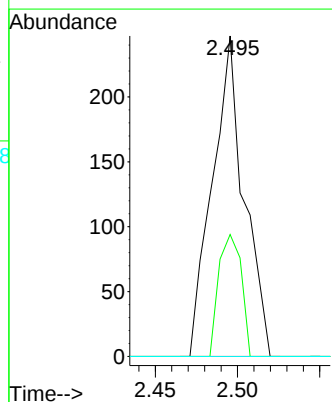
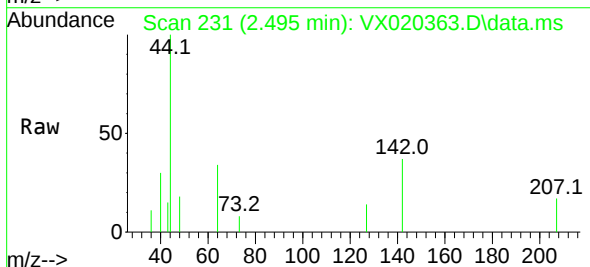
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

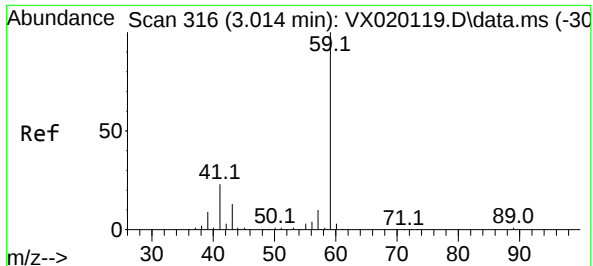
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 66.5 76.4 114.6#



#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 142 Resp: 332
Ion Ratio Lower Upper
142 100
127 27.1 33.3 49.9#
141 0.0 11.4 17.0#



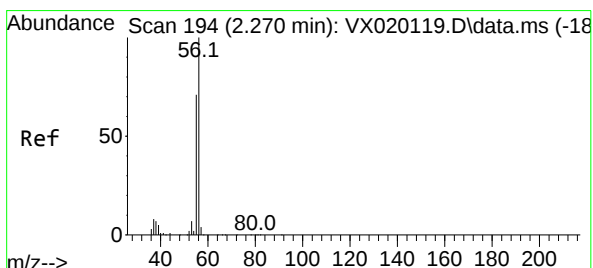
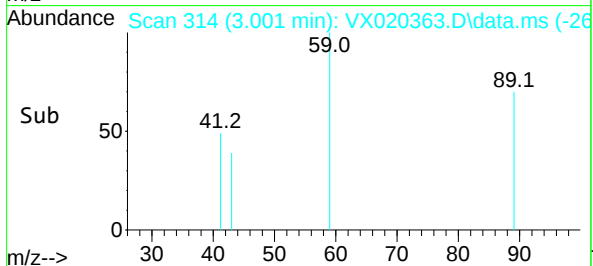
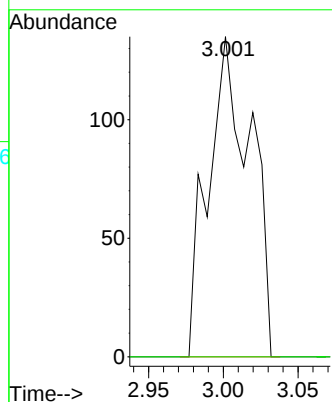
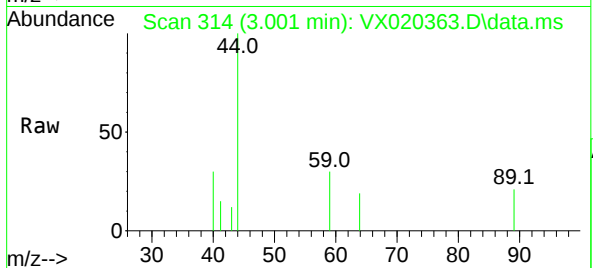


#11

Tert butyl alcohol
Concen: 0.36 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

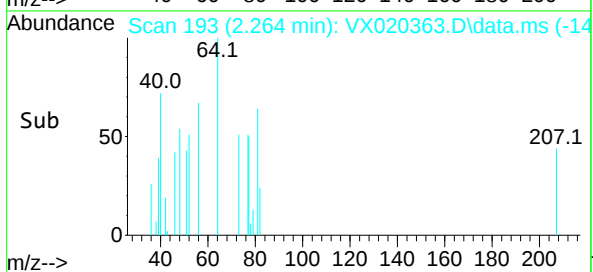
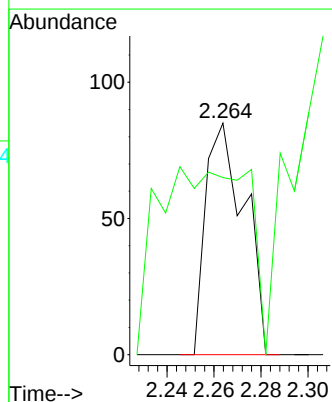
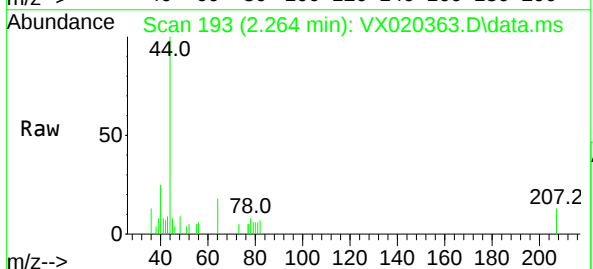
Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

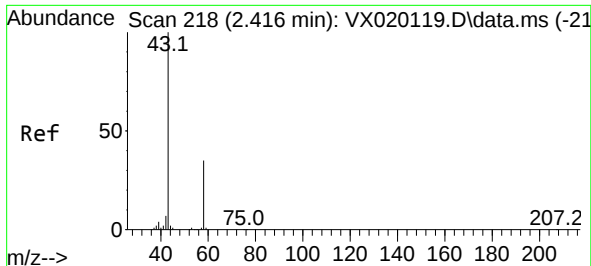


#13

Acrolein
Concen: 0.21 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 188.8 56.4 84.6#

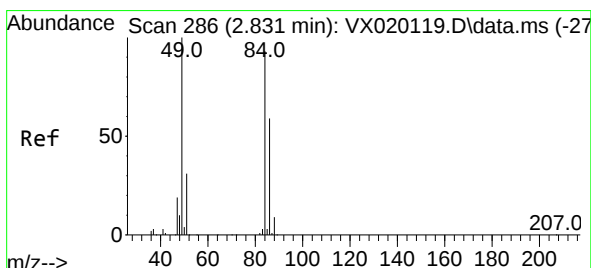
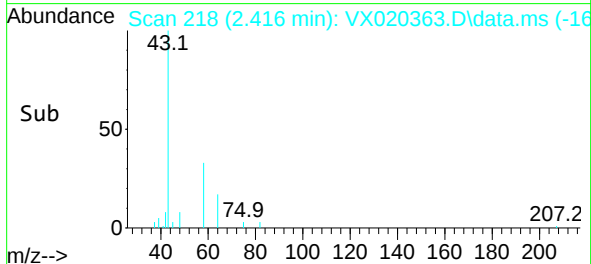
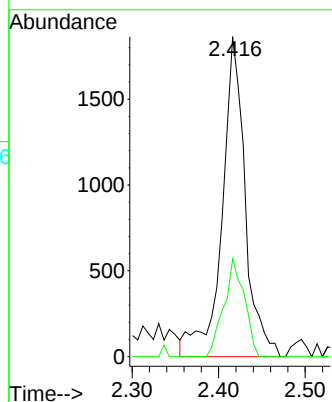
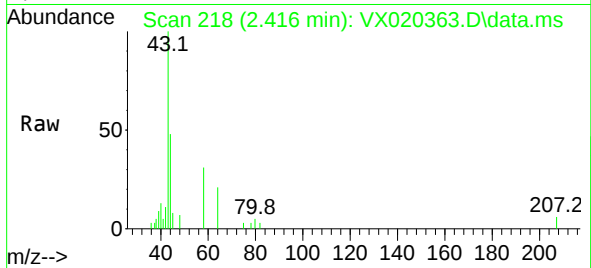




#16
Acetone
Concen: 2.30 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

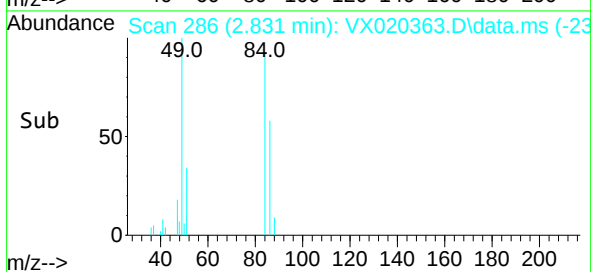
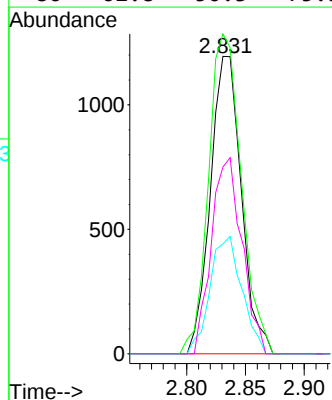
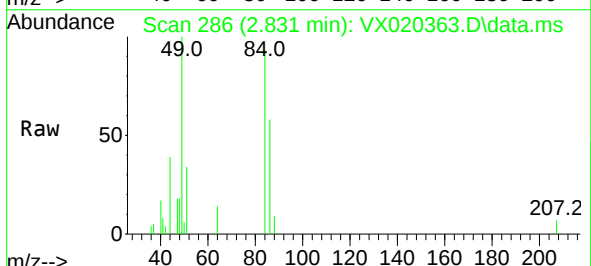
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

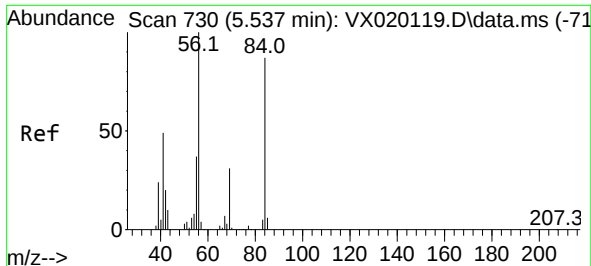
Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

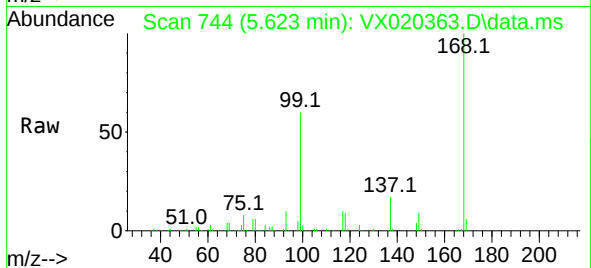
Tgt Ion: 84 Resp: 2192
Ion Ratio Lower Upper
84 100
49 107.5 88.6 132.8
51 37.0 27.0 40.6
86 62.8 50.3 75.5



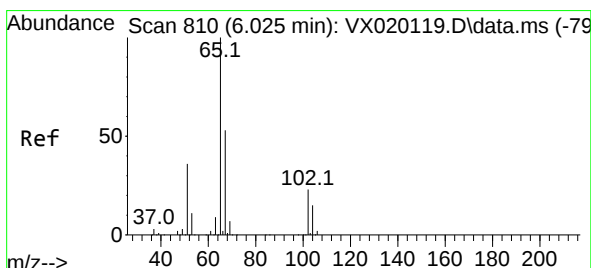
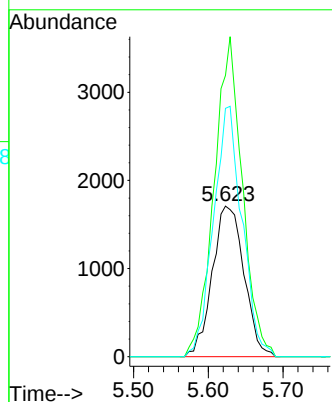
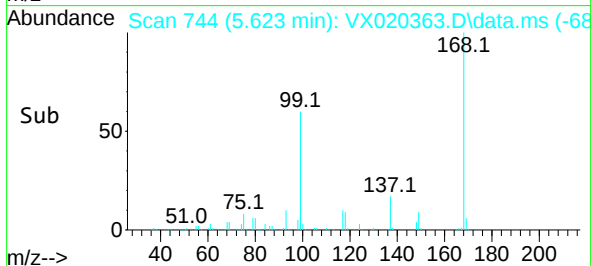


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

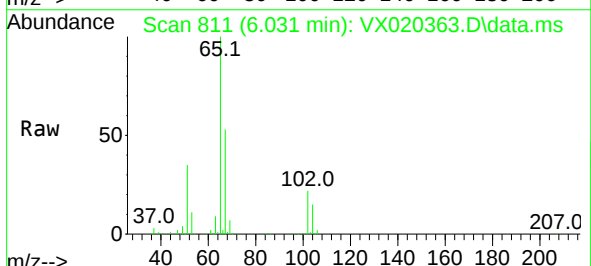
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MSVOA_X
ClientSampleId :
39-FD02-121420



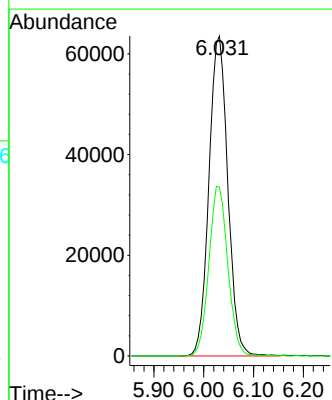
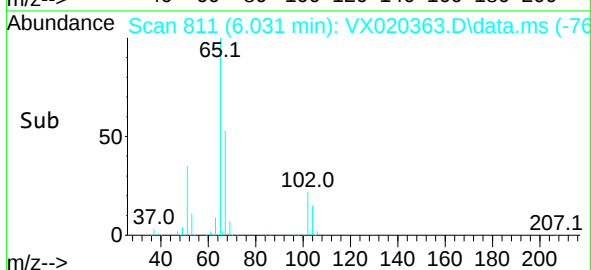
Tgt Ion: 56 Resp: 5035
Ion Ratio Lower Upper
56 100
69 186.7 25.3 37.9#
84 164.8 71.4 107.0#

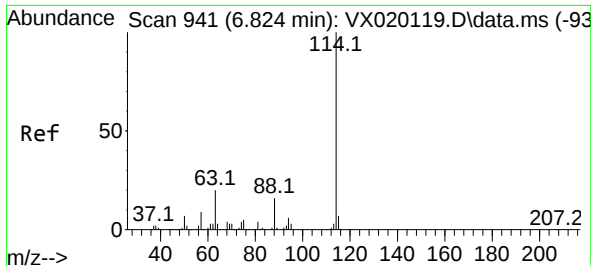


#33
1,2-Dichloroethane-d4
Concen: 50.52 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37



Tgt Ion: 65 Resp: 166832
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

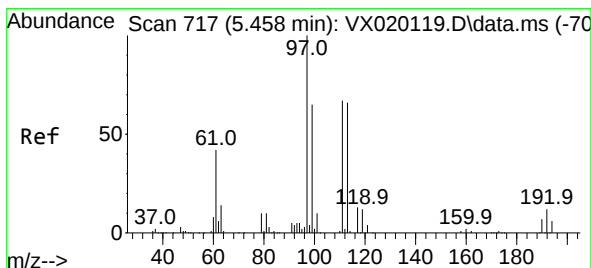
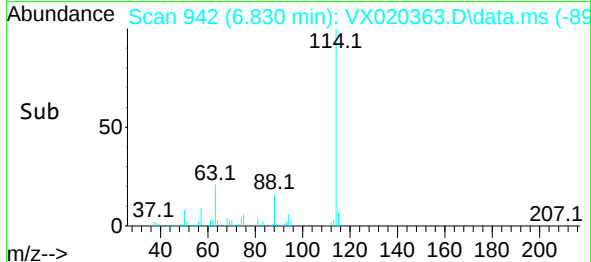
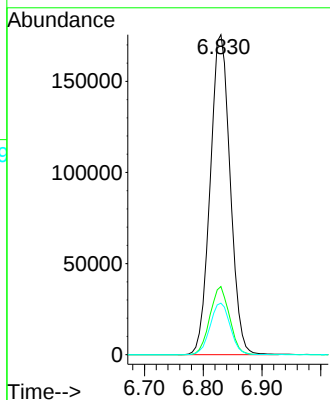
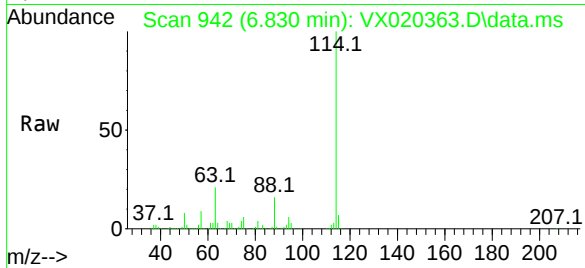




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

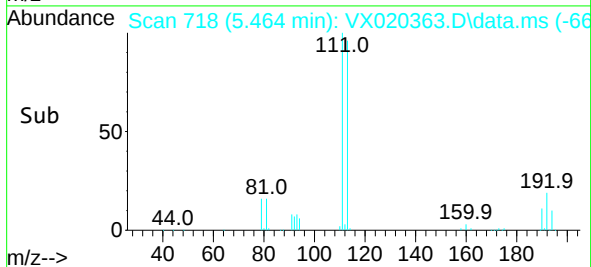
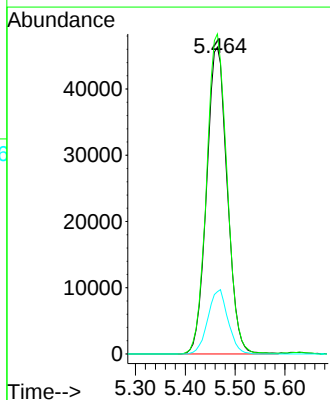
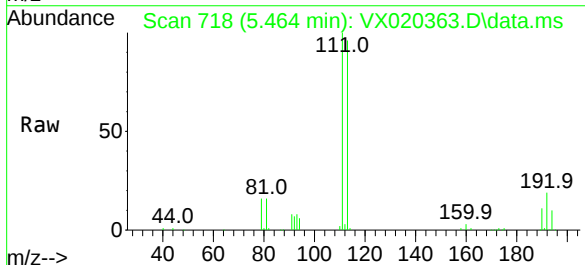
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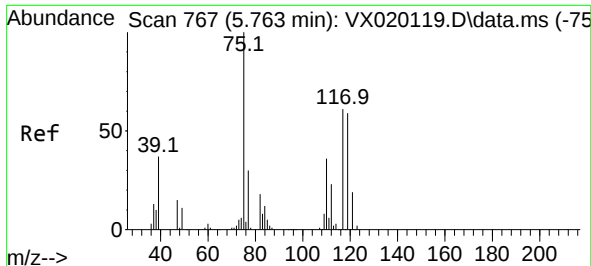
Tgt Ion:114 Resp: 414416
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion:113 Resp: 133125
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1

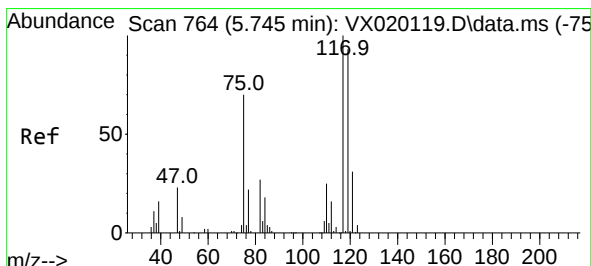
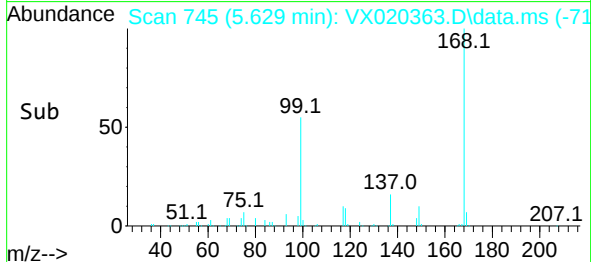
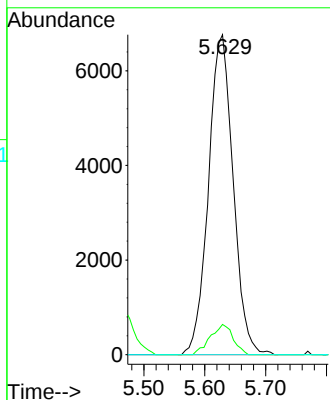
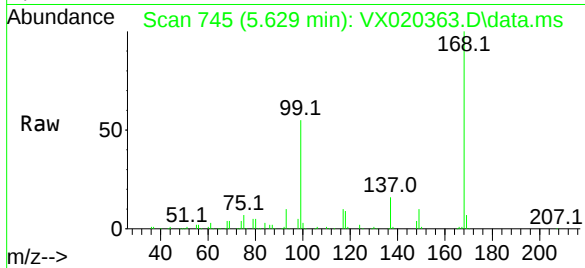




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

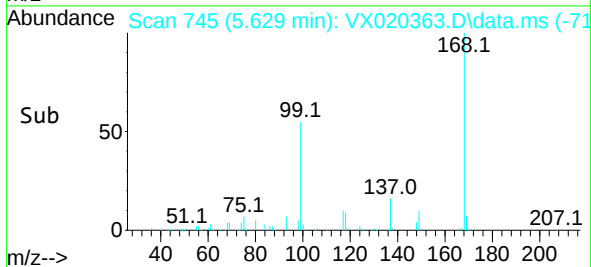
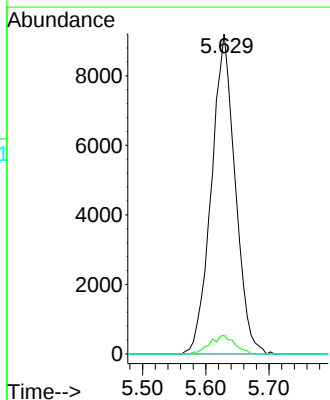
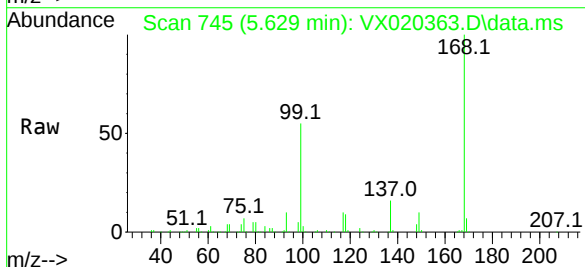
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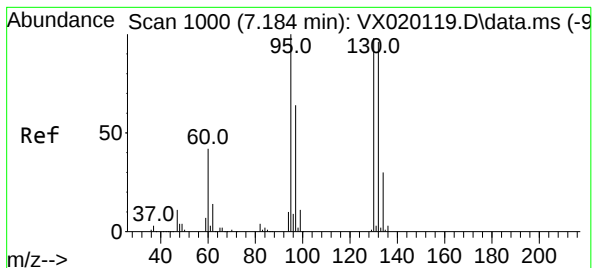
Tgt Ion: 75	Resp: 19038
Ion Ratio	Lower Upper
75 100	
110 8.7	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 117	Resp: 24043
Ion Ratio	Lower Upper
117 100	
119 5.8	76.2 114.2#
121 0.0	24.8 37.2#





#44

Trichloroethene

Concen: 0.29 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020363.D

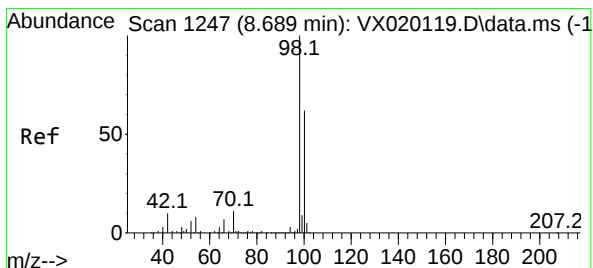
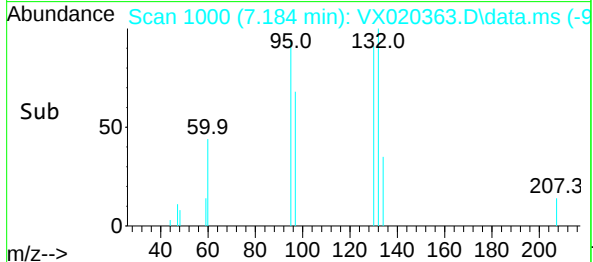
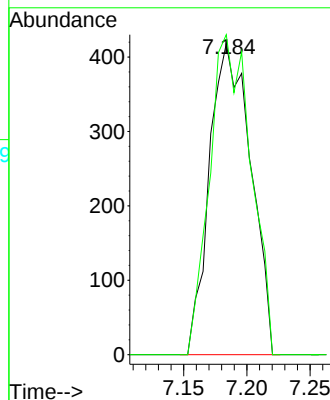
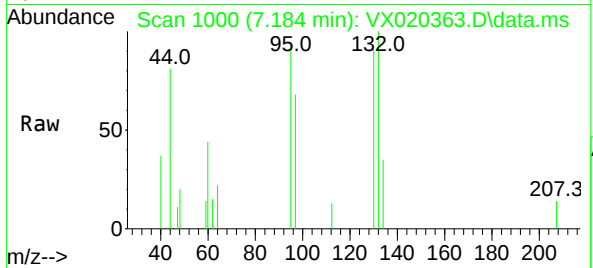
Acq: 24 Dec 2020 01:37

Tgt Ion:130 Resp: 948

Ion Ratio Lower Upper

130 100

95 102.9 0.0 198.0



#50

Toluene-d8

Concen: 50.23 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.007 min

Lab File: VX020363.D

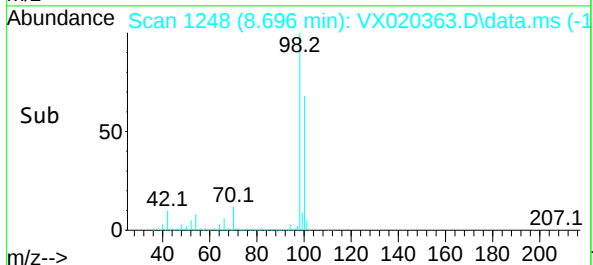
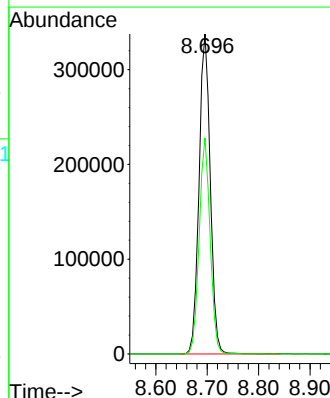
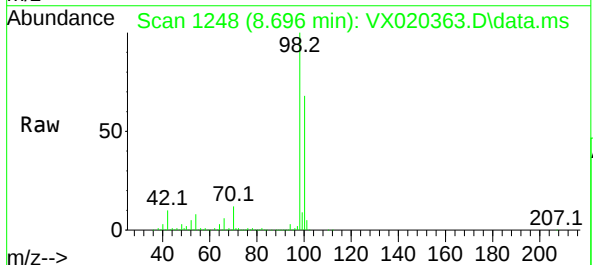
Acq: 24 Dec 2020 01:37

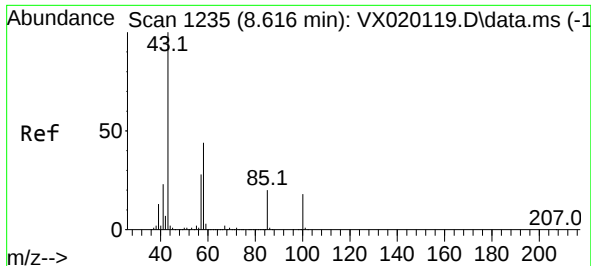
Tgt Ion: 98 Resp: 512604

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

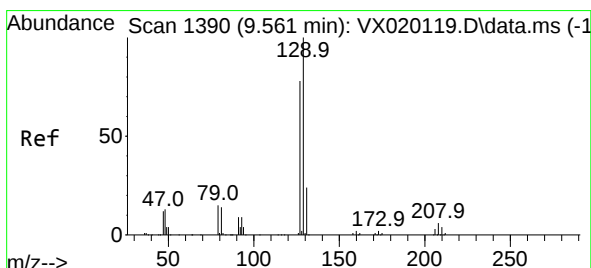
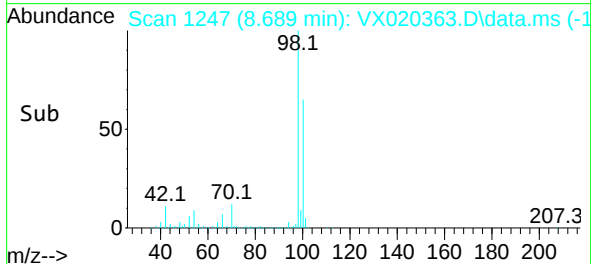
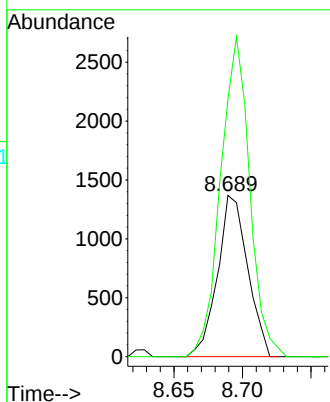
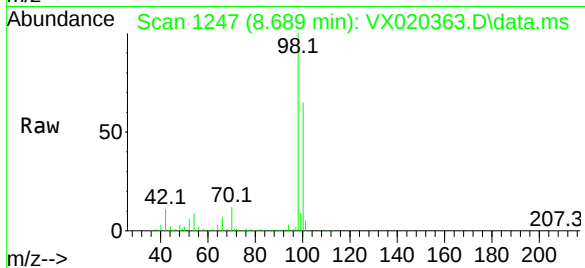




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

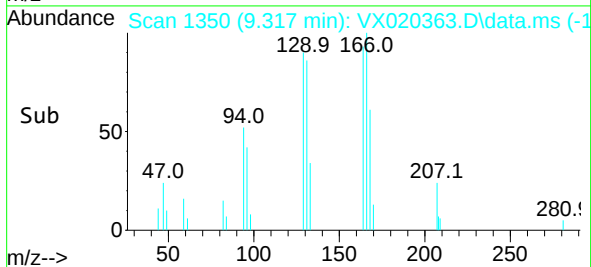
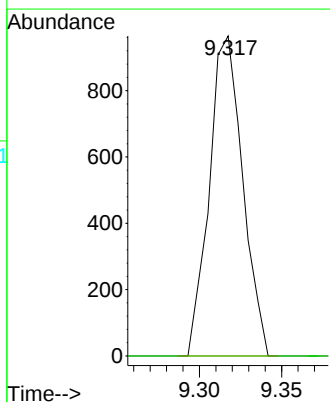
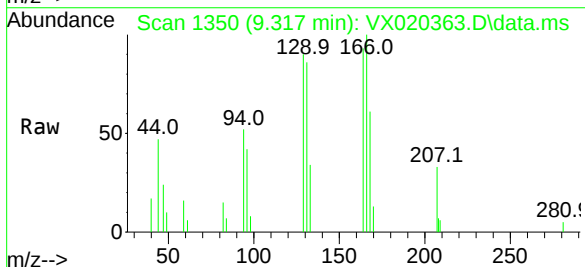
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

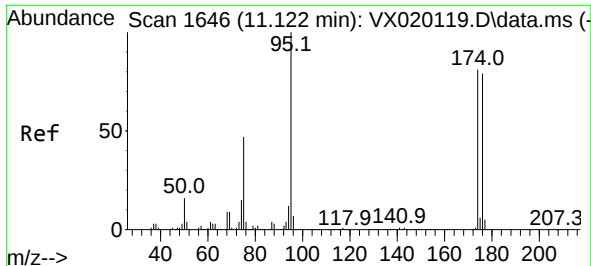
Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 191.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.43 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 129 Resp: 1363
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

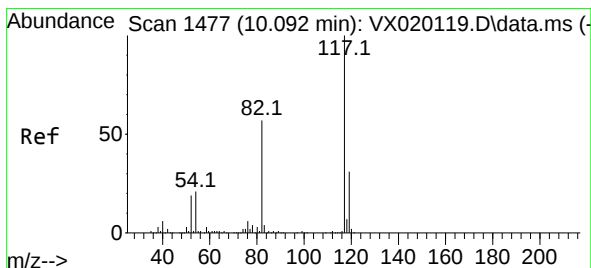
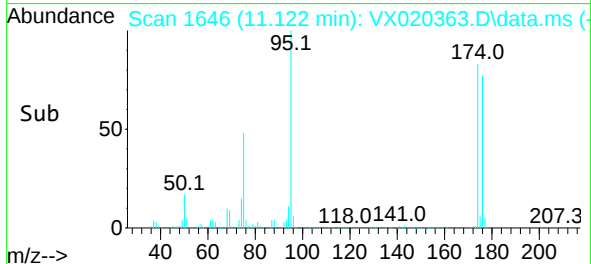
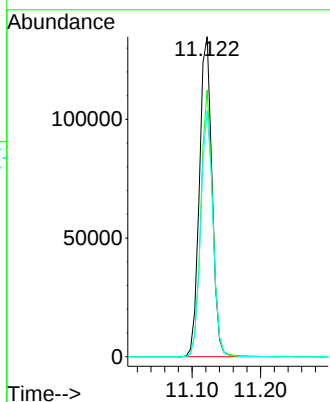
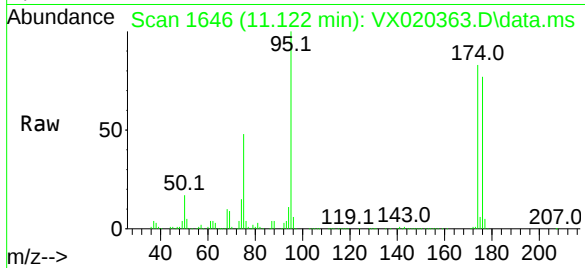




#62
4-Bromofluorobenzene
Concen: 44.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

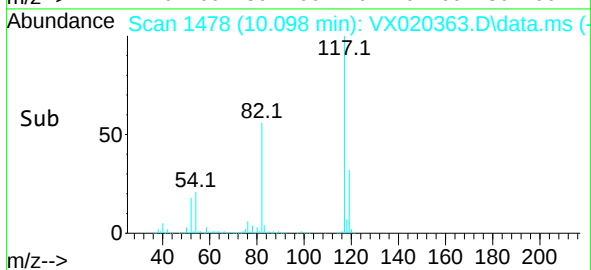
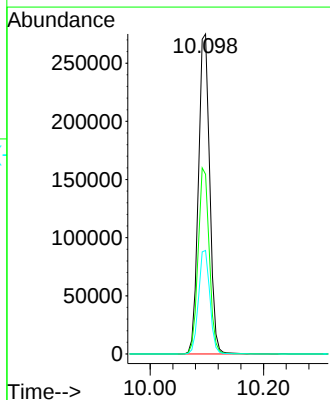
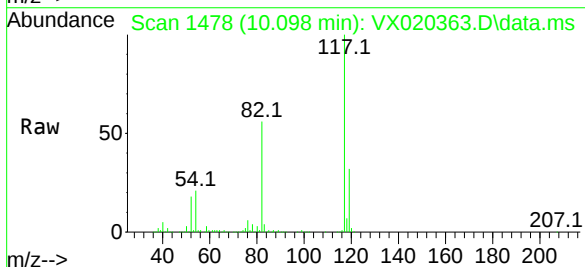
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

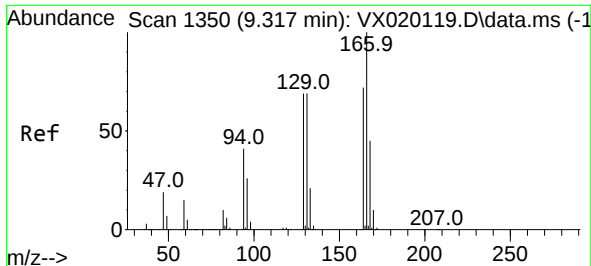
Tgt Ion: 95 Resp: 172438
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 117 Resp: 380742
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.4 26.6 39.8

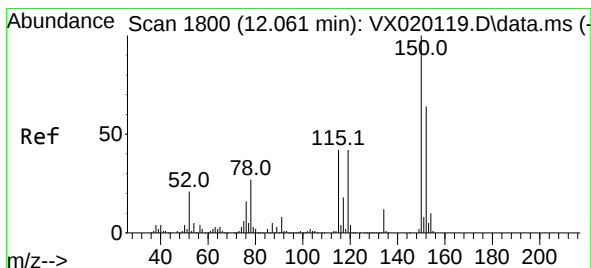
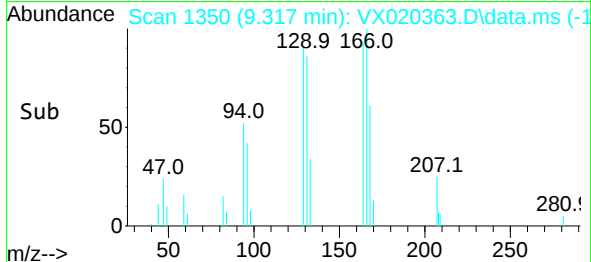
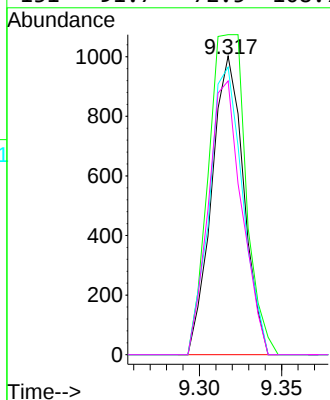
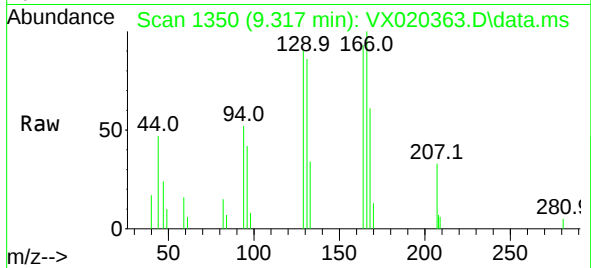




#64
Tetrachloroethene
Concen: 0.47 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

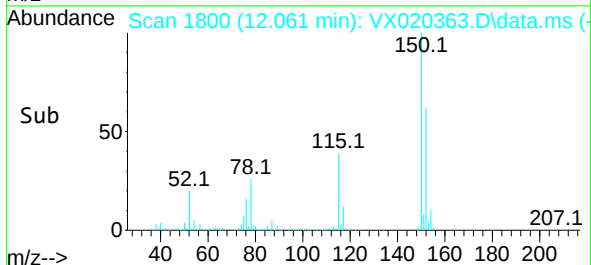
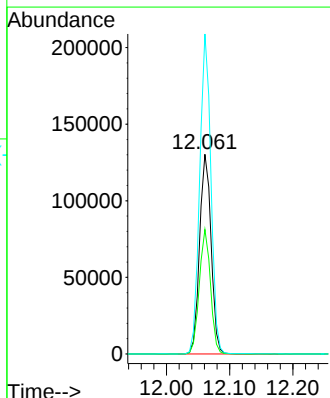
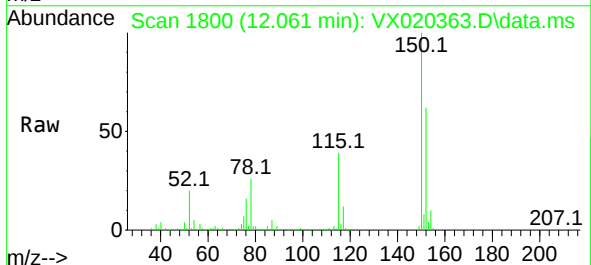
Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

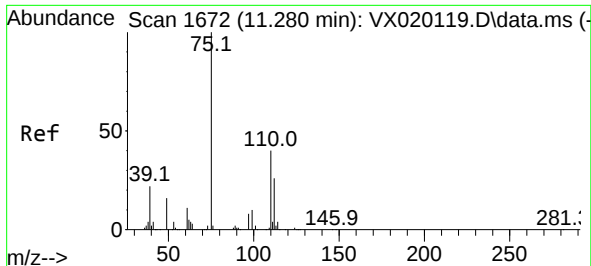
Tgt Ion:164	Resp:	1360
Ion	Ratio	Lower Upper
164	100	
166	107.2	103.4 155.2
129	96.3	70.8 106.2
131	91.7	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion:152	Resp:	165560
Ion	Ratio	Lower Upper
152	100	
115	60.7	41.1 123.3
150	155.9	0.0 349.0

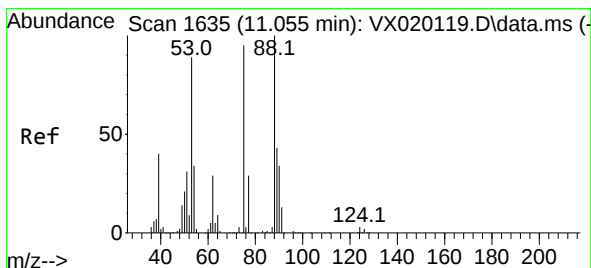
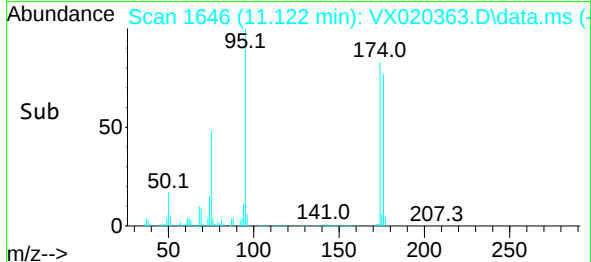
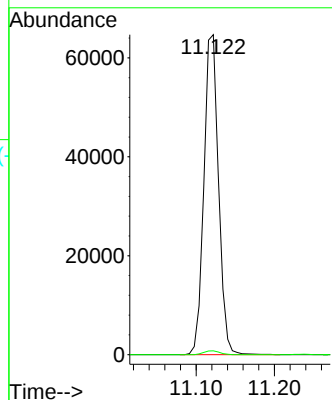
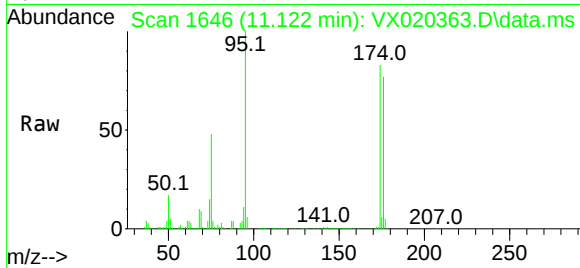




#76
1,2,3-Trichloropropane
Concen: 20.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Instrument :
MSVOA_X
ClientSampleId :
39-FD02-121420

Tgt Ion: 75 Resp: 83855
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020363.D
Acq: 24 Dec 2020 01:37

Tgt Ion: 75 Resp: 83855
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

