

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020385.D
 Acq On : 24 Dec 2020 14:12
 Operator : JC/MD
 Sample : L5124-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20201214

Quant Time: Dec 25 01:12:48 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)

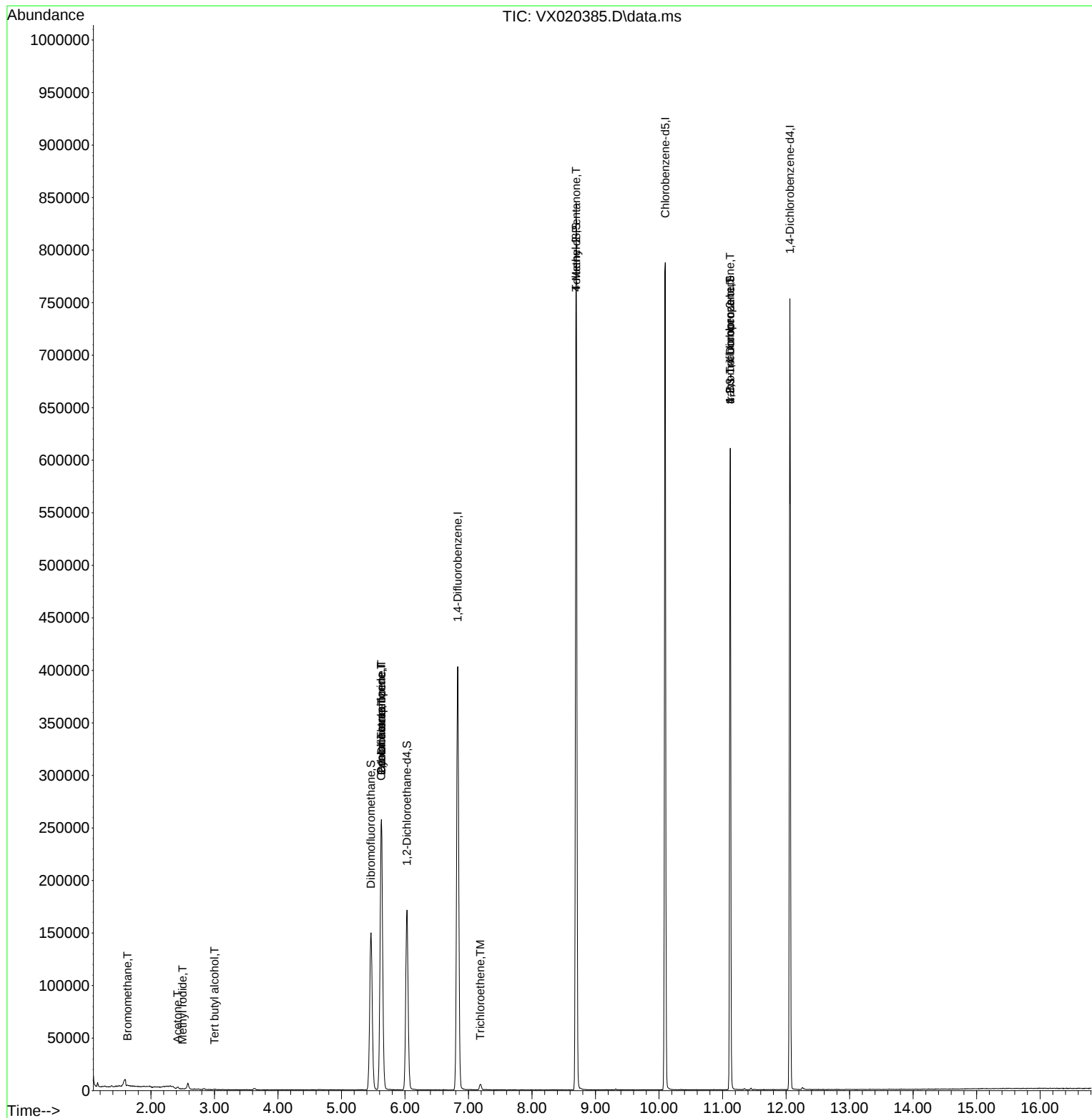
Internal Standards						
1) Pentafluorobenzene	5.629	168	242954	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	406522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	365904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	148884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163339	50.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.32%			
35) Dibromofluoromethane	5.464	113	130531	50.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.38%			
50) Toluene-d8	8.695	98	491385	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.18%			
62) 4-Bromofluorobenzene	11.122	95	170002	44.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.74%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	506	0.47	ug/l #	71
10) Methyl Iodide	2.495	142	397	3.40	ug/l #	74
11) Tert butyl alcohol	3.001	59	330	0.45	ug/l #	73
16) Acetone	2.416	43	1671	1.13	ug/l	88
31) Cyclohexane	5.629	56	4828	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18980	4.72	ug/l #	49
38) Carbon Tetrachloride	5.623	117	24291	6.36	ug/l #	17
44) Trichloroethene	7.184	130	2239	0.69	ug/l	95
51) 4-Methyl-2-Pentanone	8.695	43	1948	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	82737	22.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	82737	66.93	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

Quant Time: Dec 25 01:12:48 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

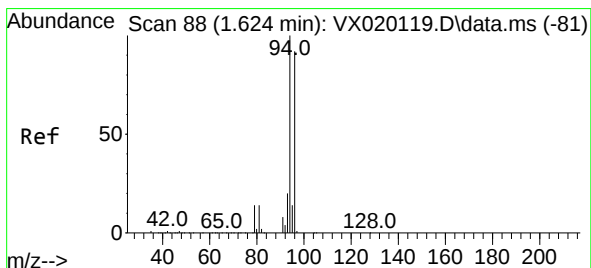
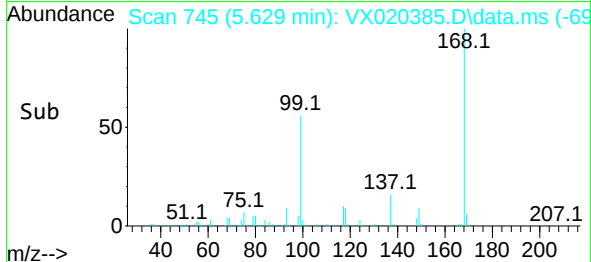
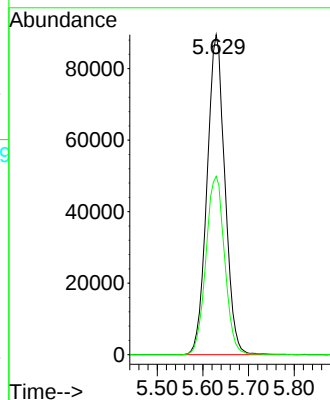
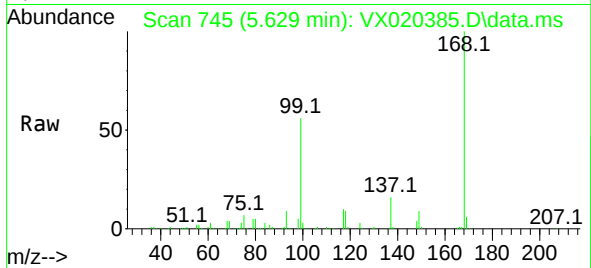




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

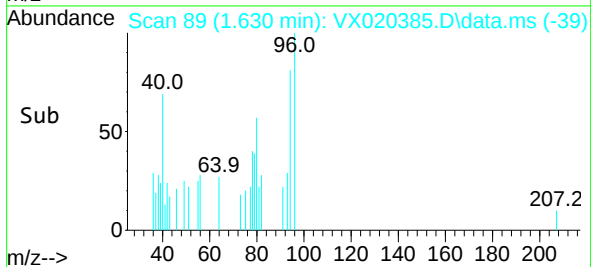
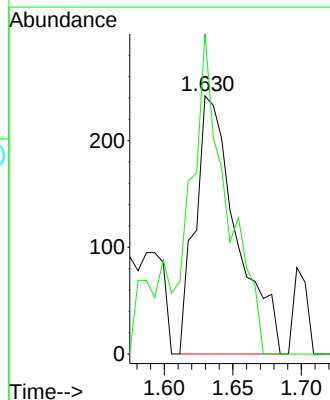
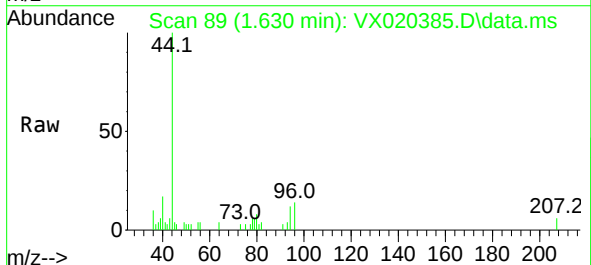
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

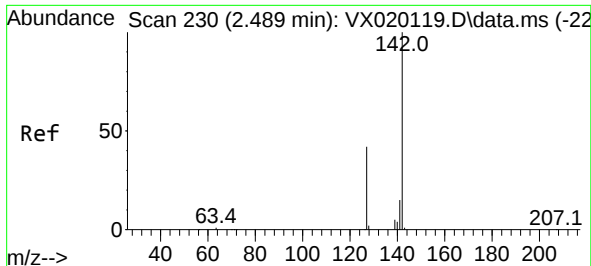
Tgt Ion:168 Resp: 242954
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.6



#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

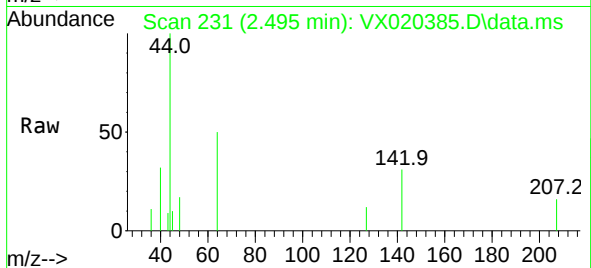
Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 124.0 76.4 114.6#



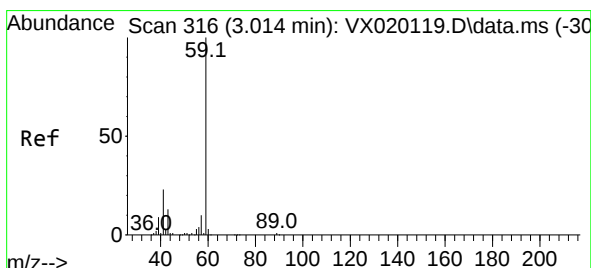
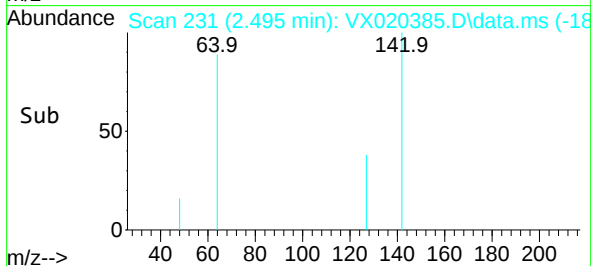
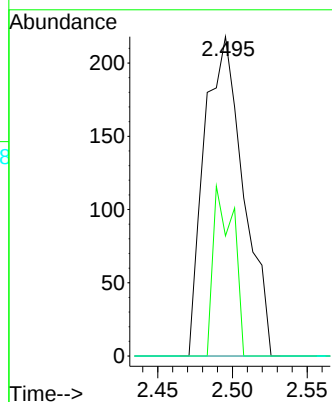


#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

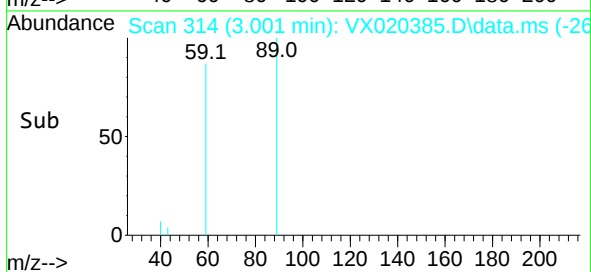
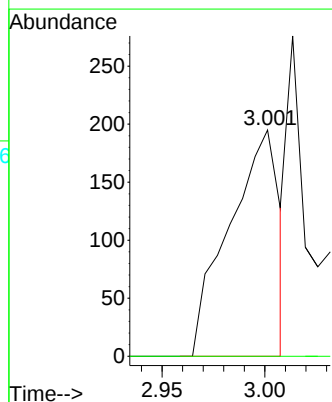
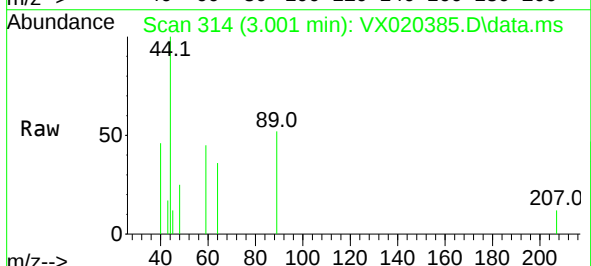


Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 27.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.45 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

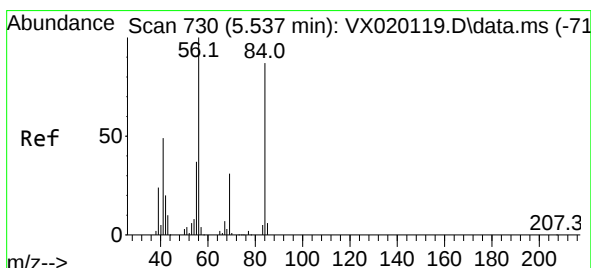
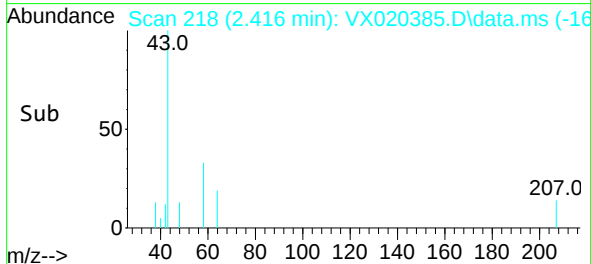
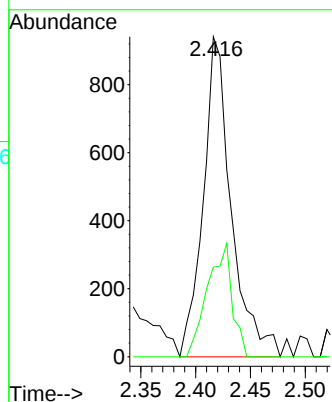
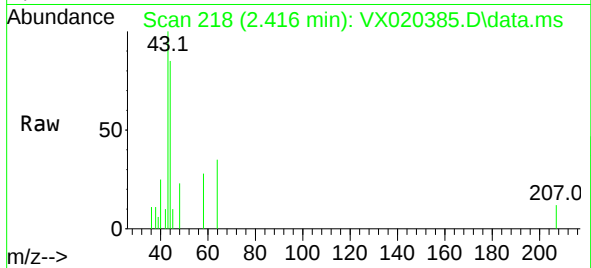




#16
Acetone
Concen: 1.13 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

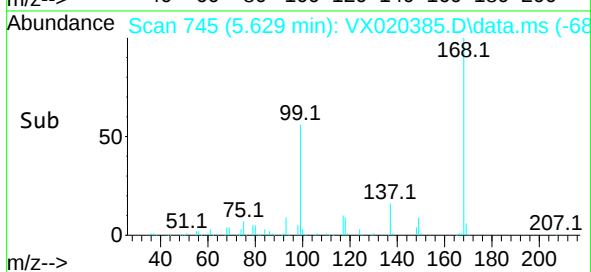
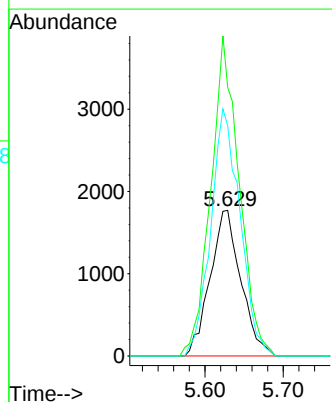
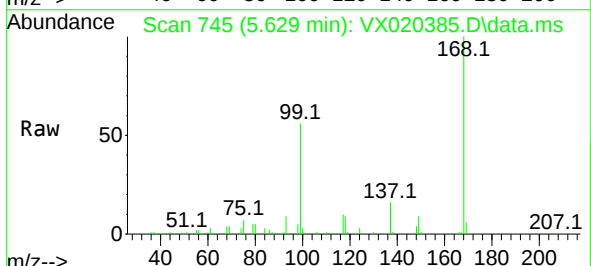
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

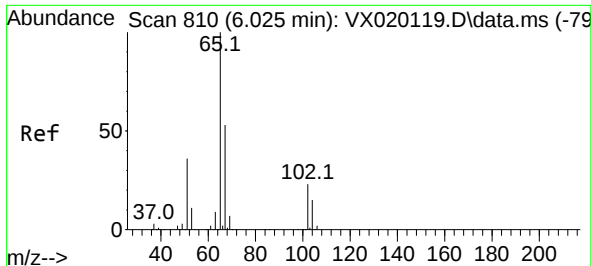
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

Tgt Ion: 56 Resp: 4828
Ion Ratio Lower Upper
56 100
69 184.5 25.3 37.9#
84 158.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020385.D

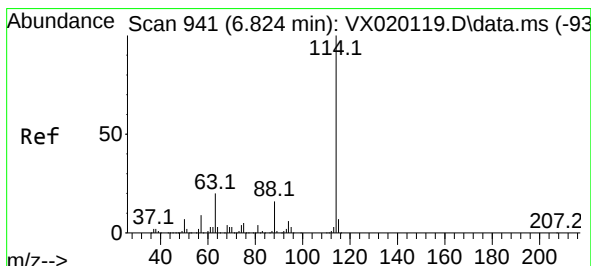
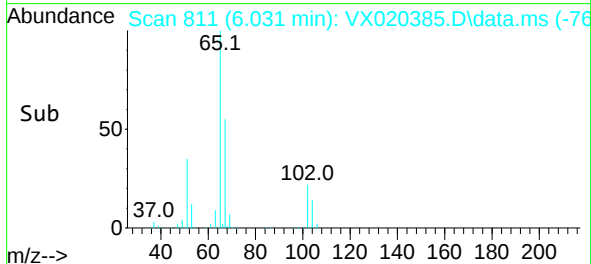
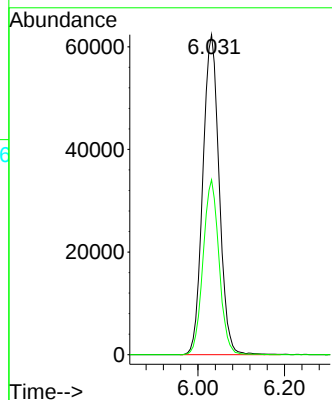
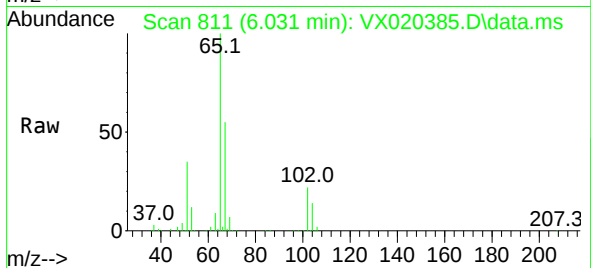
Acq: 24 Dec 2020 14:12

Tgt Ion: 65 Resp: 163339

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: VX020385.D

Acq: 24 Dec 2020 14:12

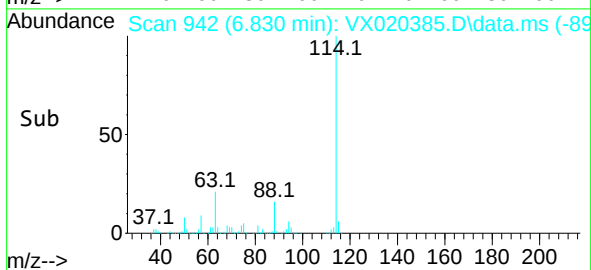
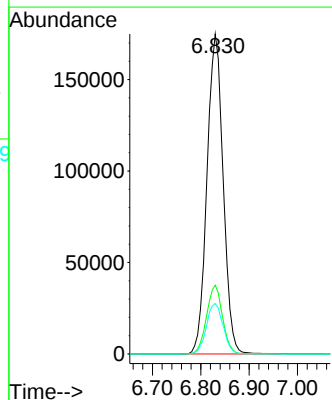
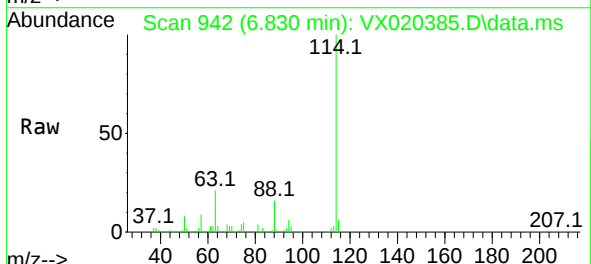
Tgt Ion: 114 Resp: 406522

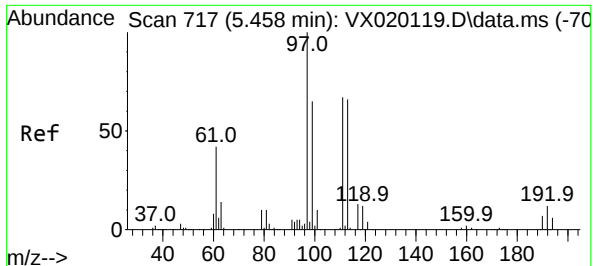
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

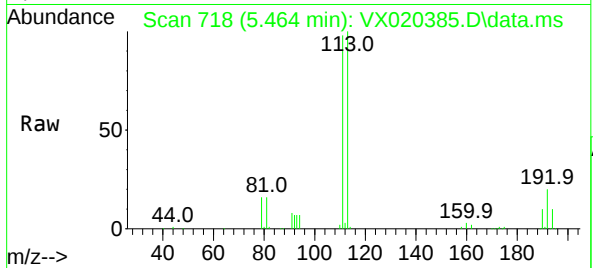
88 15.7 0.0 32.8



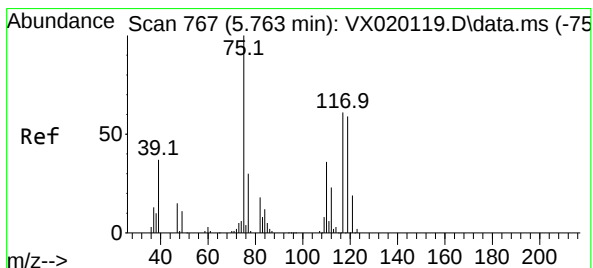
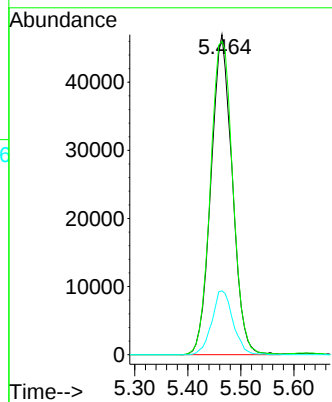
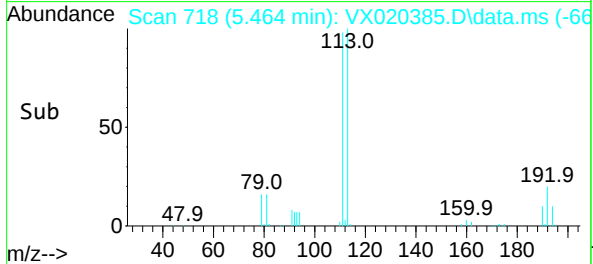


#35
Dibromofluoromethane
Concen: 50.19 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

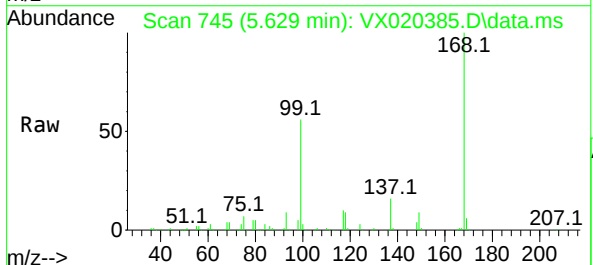
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214



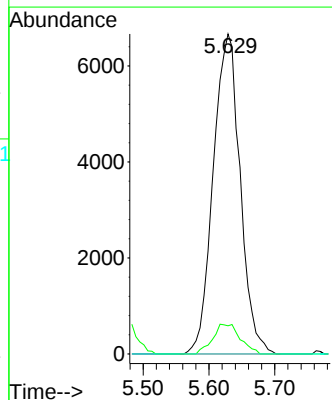
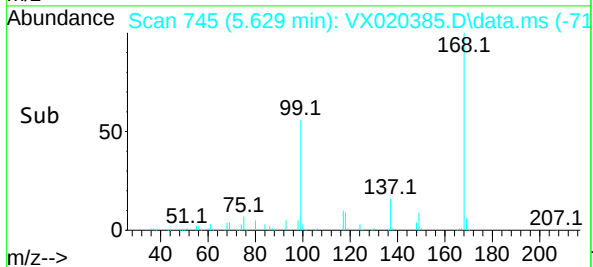
Tgt Ion:113 Resp: 130531
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.9 16.7 25.1

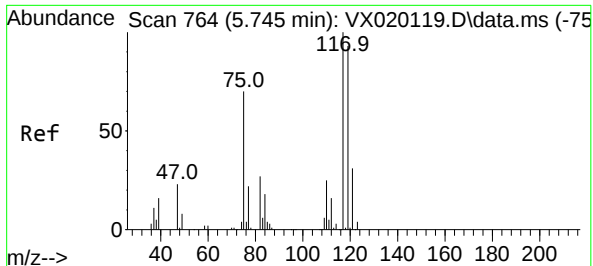


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12



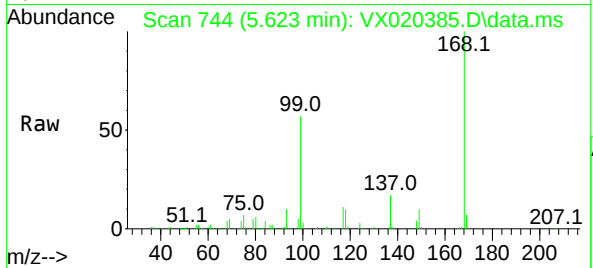
Tgt Ion: 75 Resp: 18980
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



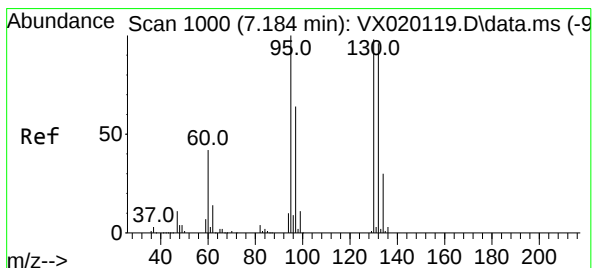
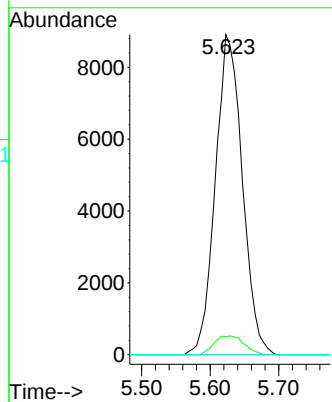
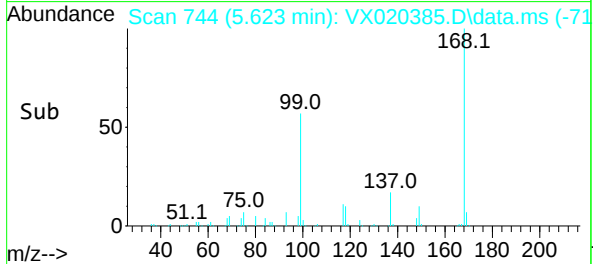


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

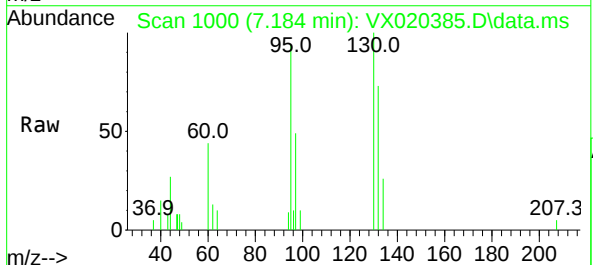
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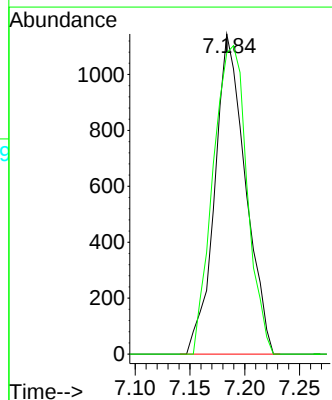
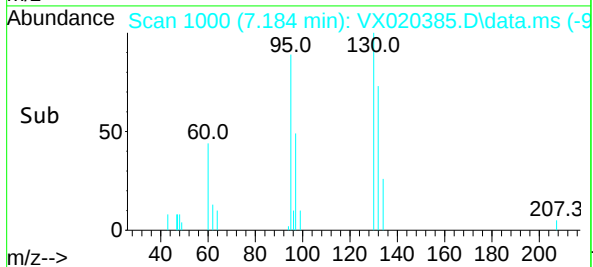
Tgt Ion:117 Resp: 24291
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

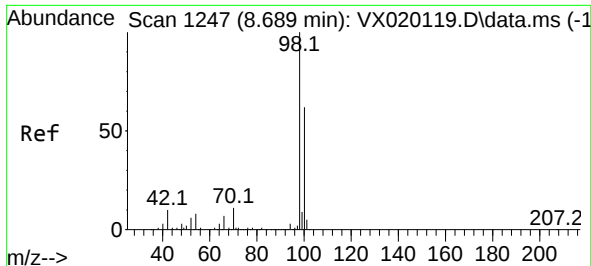


#44
Trichloroethene
Concen: 0.69 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12



Tgt Ion:130 Resp: 2239
Ion Ratio Lower Upper
130 100
95 94.1 0.0 198.0

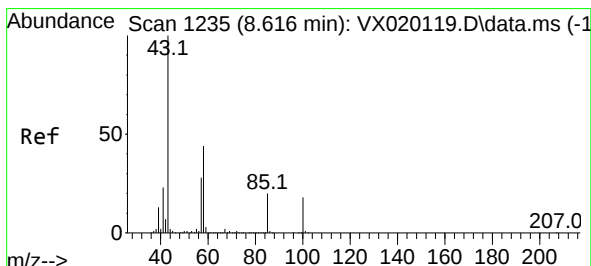
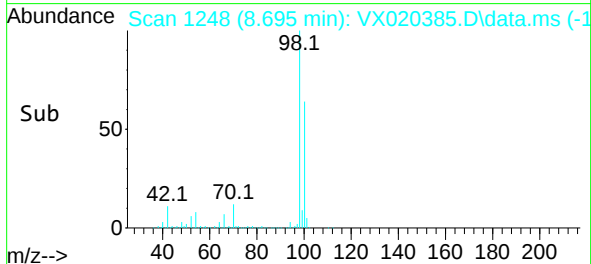
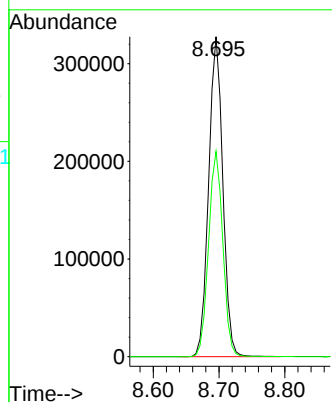
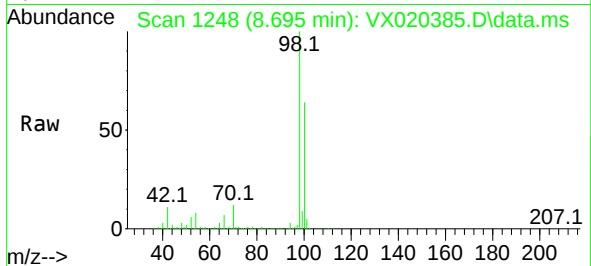




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

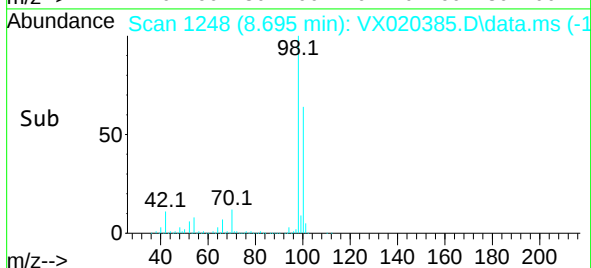
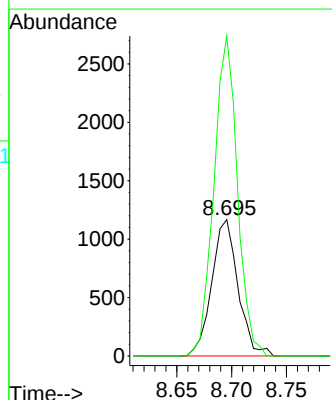
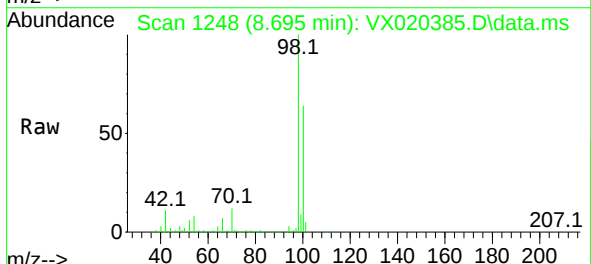
Instrument :
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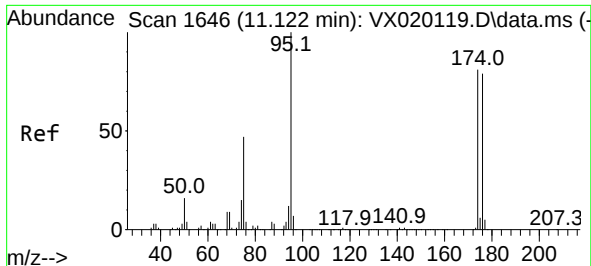
Tgt Ion: 98 Resp: 491385
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 209.9 35.4 53.0#

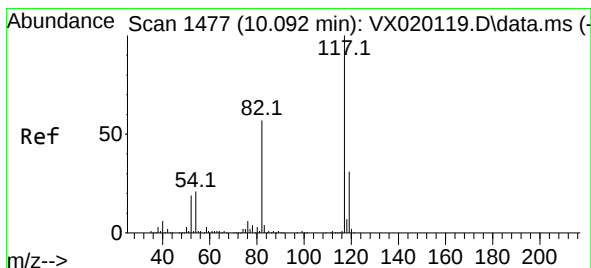
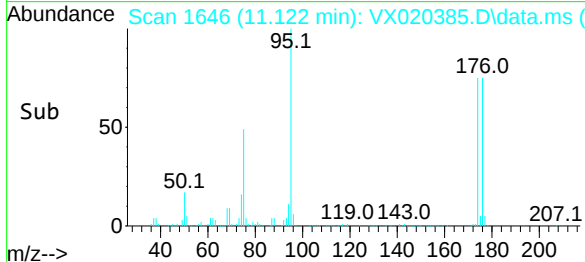
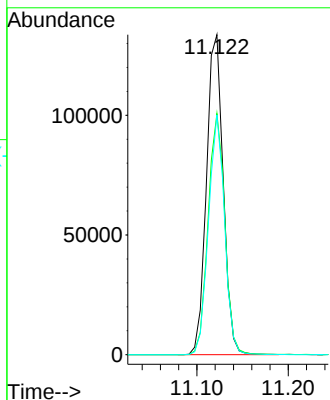
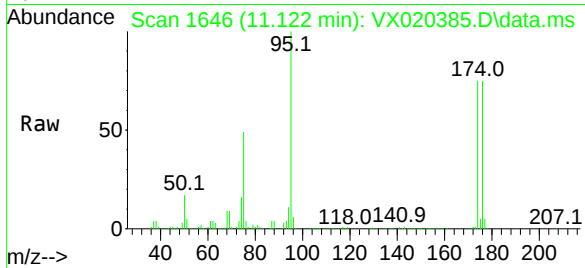




#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

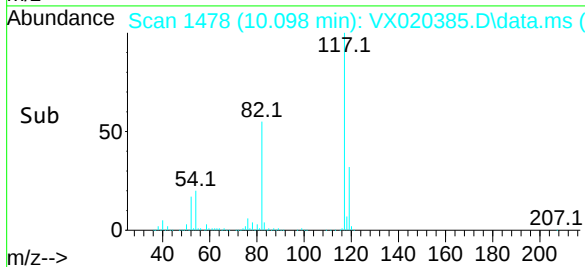
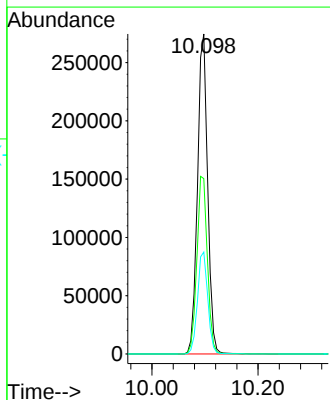
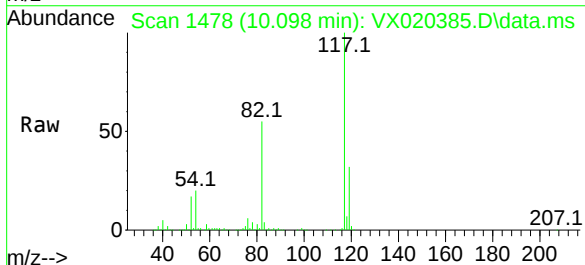
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

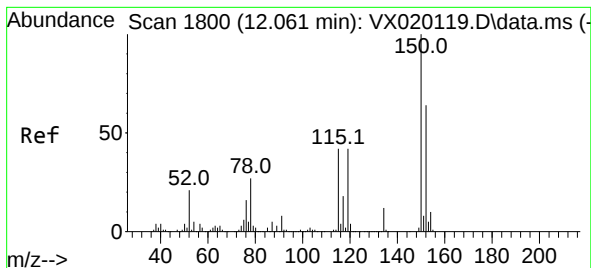
Tgt Ion: 95 Resp: 170002
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 71.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

Tgt Ion: 117 Resp: 365904
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 31.9 26.6 39.8

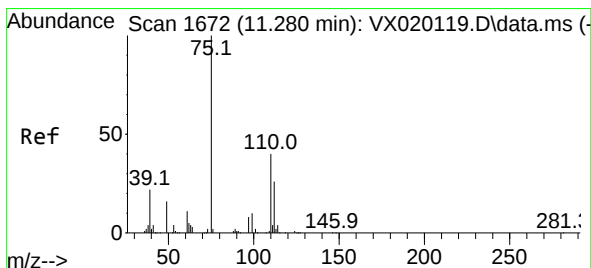
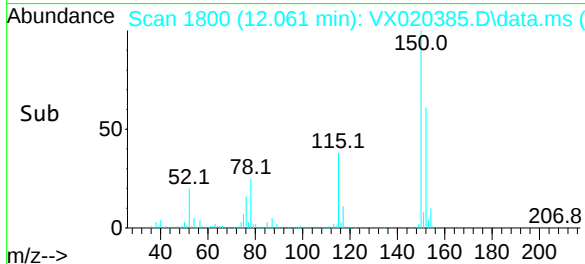
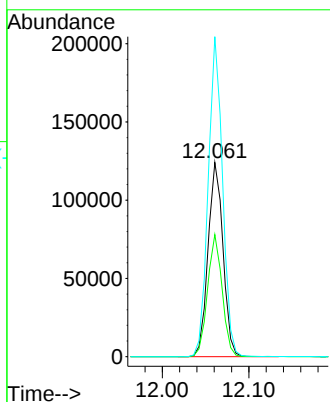
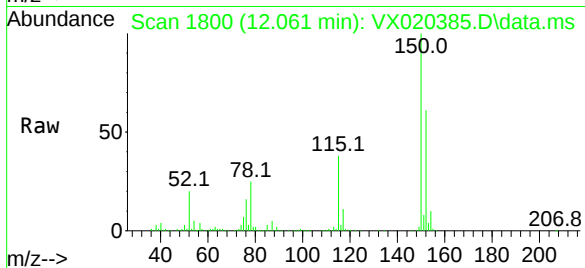




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

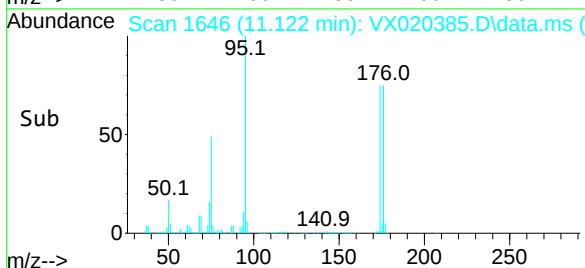
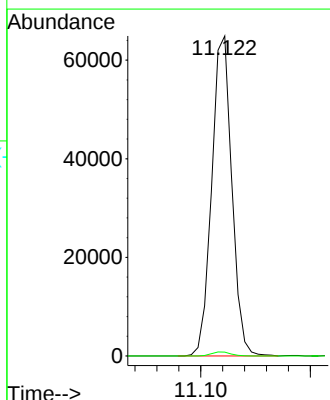
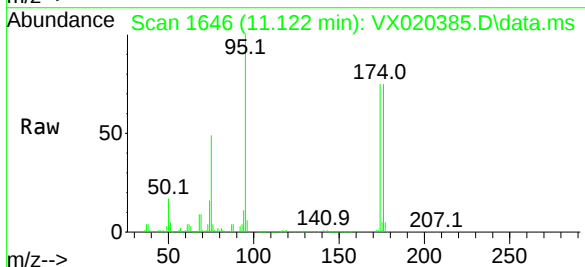
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20201214

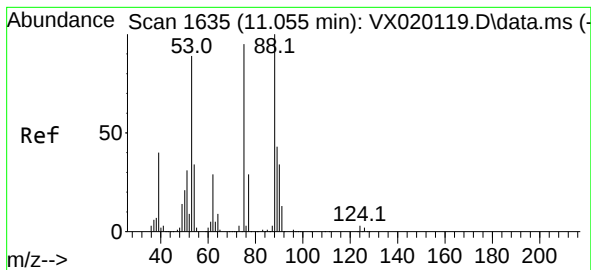
Tgt Ion:152 Resp: 148884
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020385.D
Acq: 24 Dec 2020 14:12

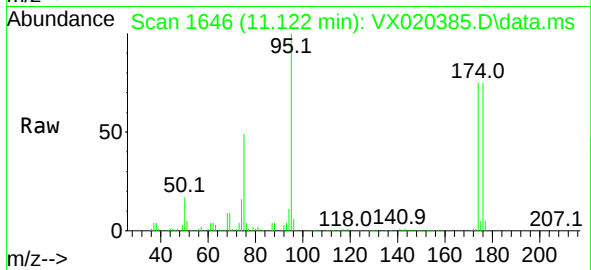
Tgt Ion: 75 Resp: 82737
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.93 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020385.D
 Acq: 24 Dec 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20201214



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

