

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020184.D
 Acq On : 19 Dec 2020 20:16
 Operator : JC/MD
 Sample : L5096-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD01-121220

Quant Time: Dec 21 02:36:44 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)

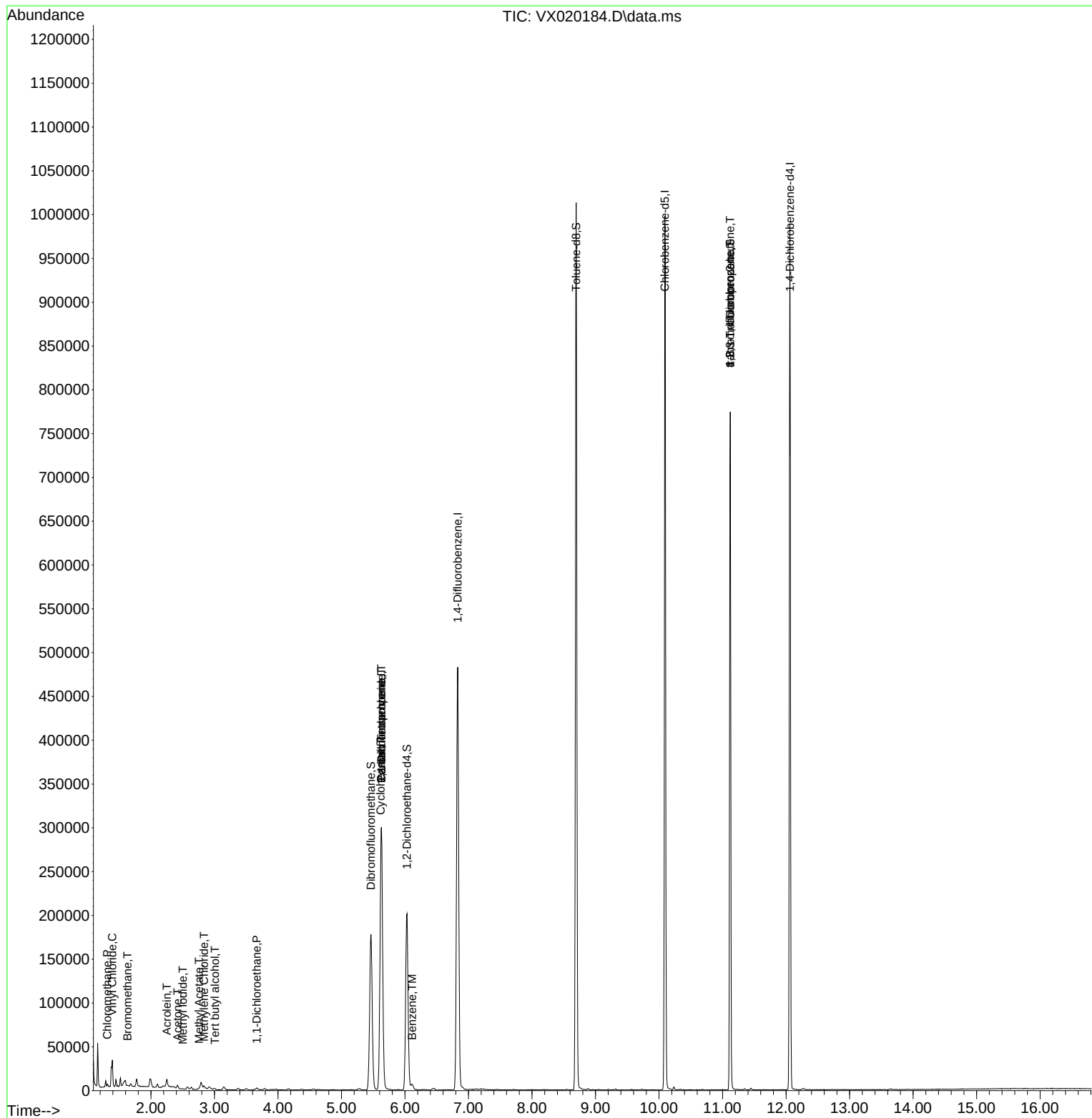
Internal Standards						
1) Pentafluorobenzene	5.629	168	292058	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	493133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	454784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	198906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	192853	49.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.52%
35) Dibromofluoromethane	5.464	113	155426	49.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.54%
50) Toluene-d8	8.695	98	599789	49.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.78%
62) 4-Bromofluorobenzene	11.122	95	213649	45.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.94%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1458	0.40	ug/l	96
4) Vinyl Chloride	1.392	62	1153	0.29	ug/l	92
5) Bromomethane	1.630	94	435	0.34	ug/l #	57
10) Methyl Iodide	2.501	142	242	3.34	ug/l #	64
11) Tert butyl alcohol	3.007	59	1328	1.51	ug/l #	73
13) Acrolein	2.251	56	393	0.72	ug/l #	1
16) Acetone	2.416	43	4168	2.33	ug/l	97
18) Methyl Acetate	2.757	43	865	0.22	ug/l #	74
20) Methylene Chloride	2.837	84	1839	0.46	ug/l	91
24) 1,1-Dichloroethane	3.666	63	2512	0.39	ug/l #	92
31) Cyclohexane	5.617	56	6101	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22555	4.63	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28422	6.13	ug/l #	17
40) Benzene	6.111	78	7087	0.47	ug/l #	90
76) 1,2,3-Trichloropropane	11.122	75	103050	21.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	103050	62.40	ug/l #	12

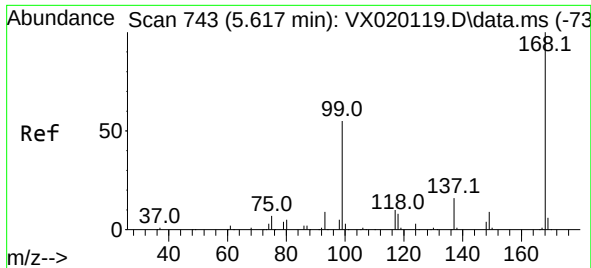
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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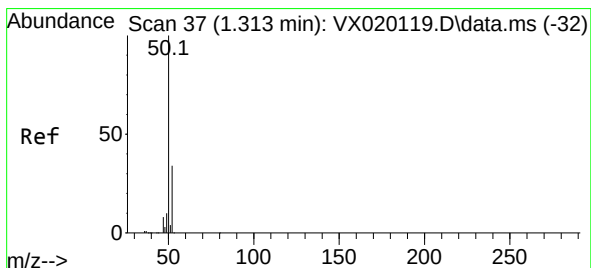
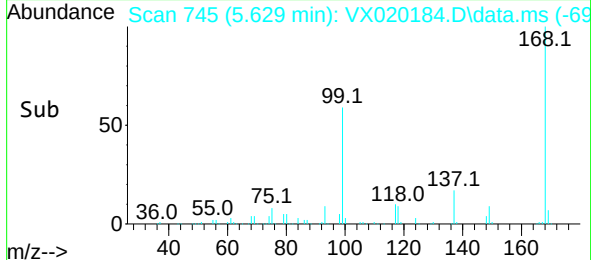
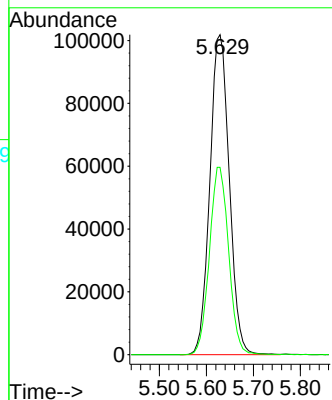
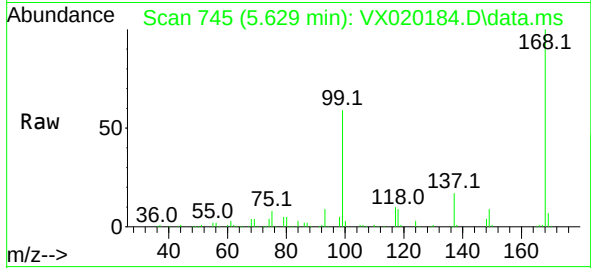




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

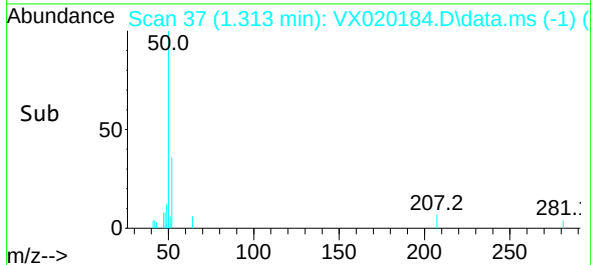
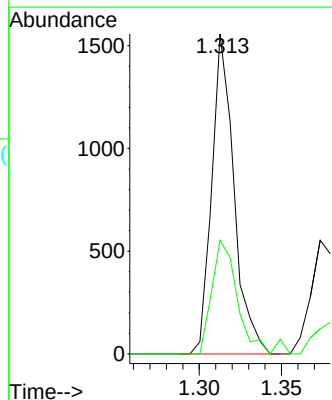
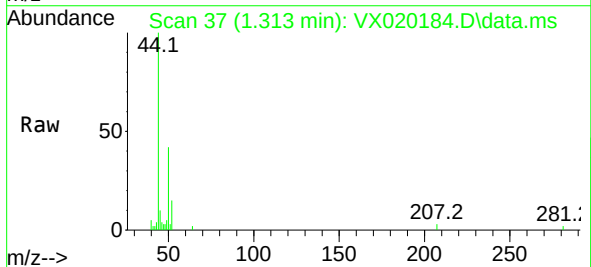
Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

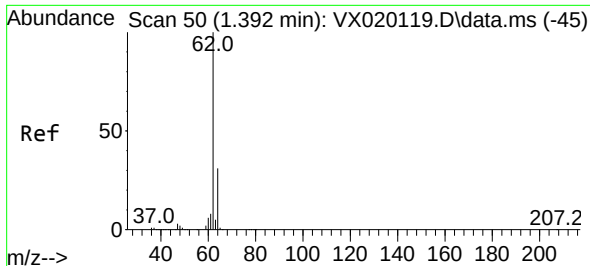
Tgt Ion:168 Resp: 292058
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.40 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Tgt Ion: 50 Resp: 1458
Ion Ratio Lower Upper
50 100
52 35.5 26.4 39.6

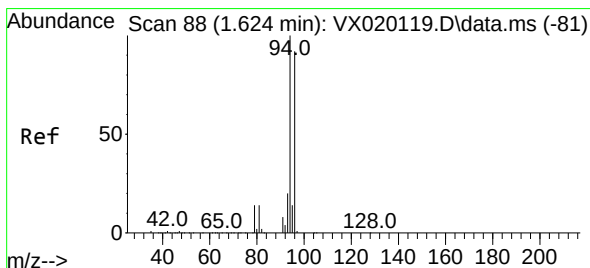
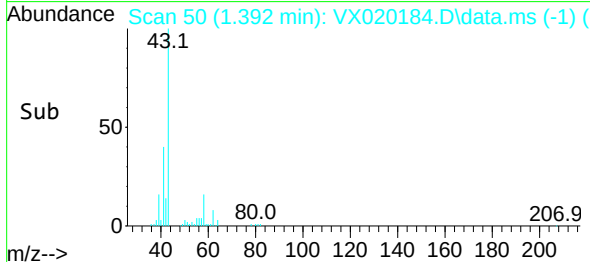
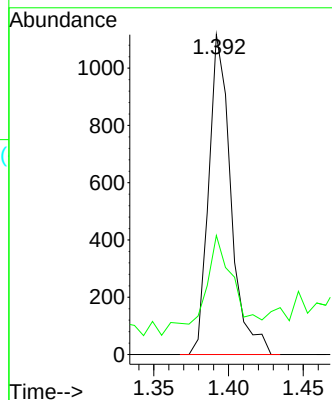
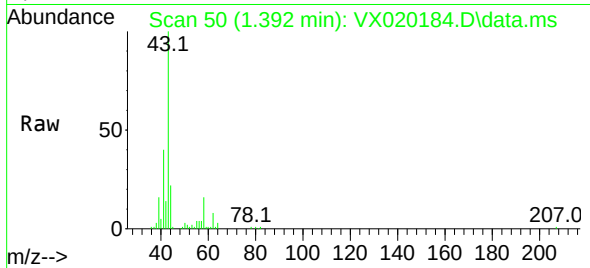




#4
 Vinyl Chloride
 Concen: 0.29 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020184.D
 Acq: 19 Dec 2020 20:16

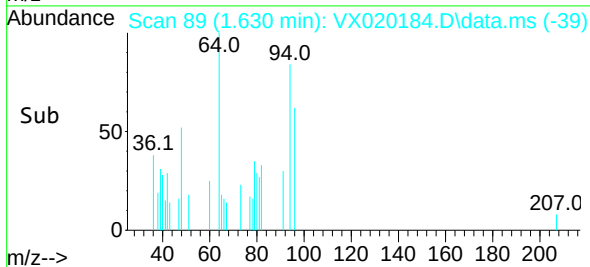
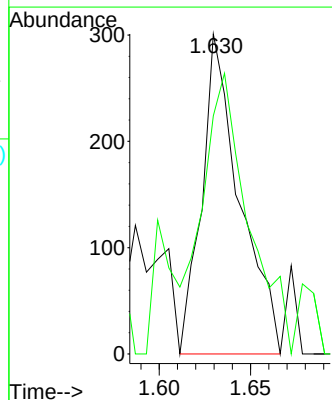
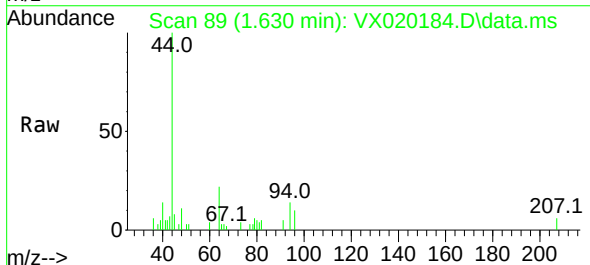
Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD01-121220

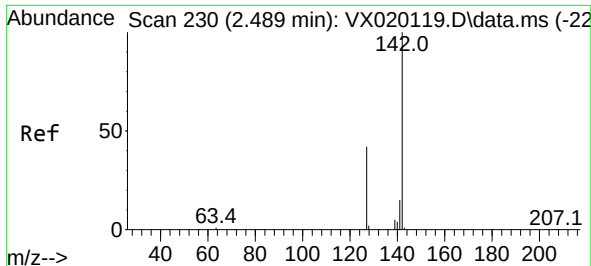
Tgt Ion: 62 Resp: 1153
 Ion Ratio Lower Upper
 62 100
 64 27.5 25.7 38.5



#5
 Bromomethane
 Concen: 0.34 ug/l
 RT: 1.630 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VX020184.D
 Acq: 19 Dec 2020 20:16

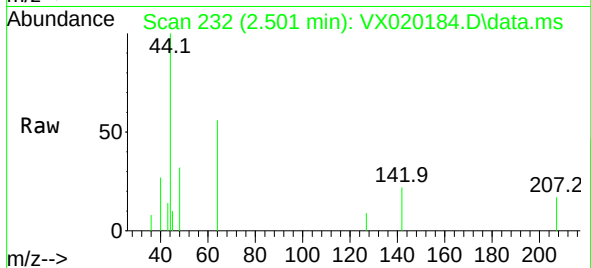
Tgt Ion: 94 Resp: 435
 Ion Ratio Lower Upper
 94 100
 96 53.5 76.4 114.6#



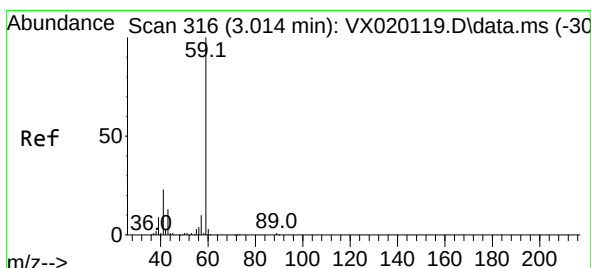
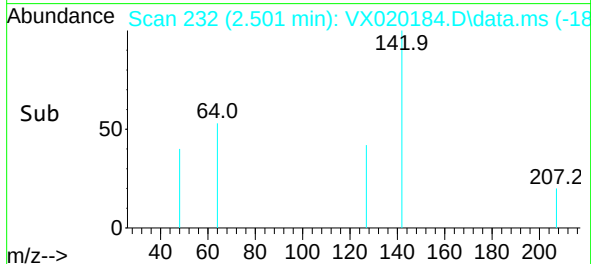
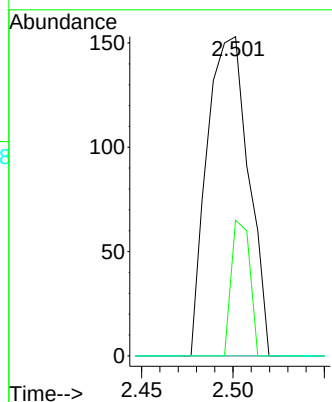


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

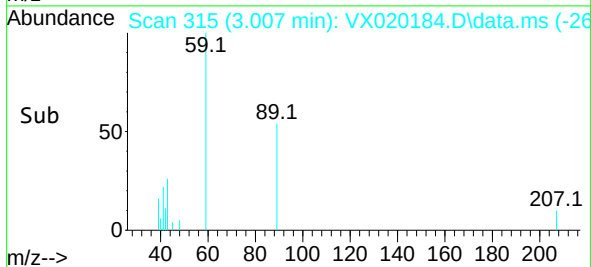
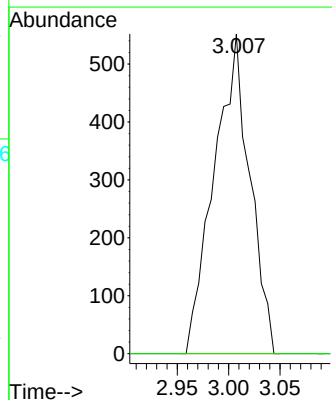
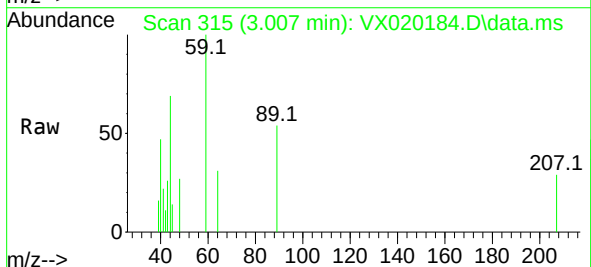


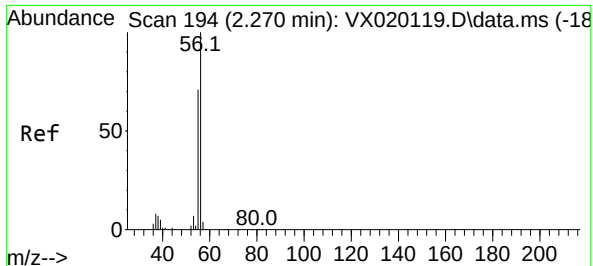
Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 19.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.51 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.007 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Tgt Ion: 59 Resp: 1328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.72 ug/l

RT: 2.251 min Scan# 191

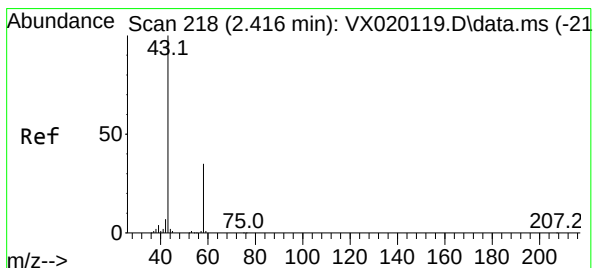
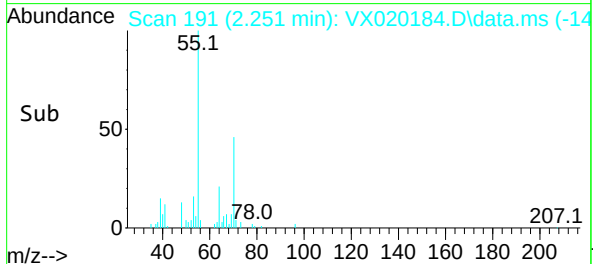
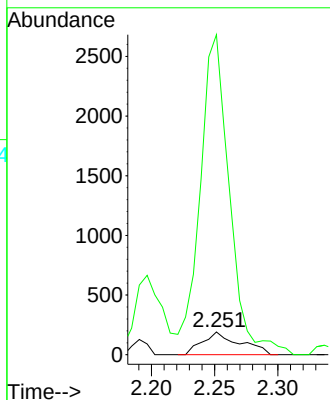
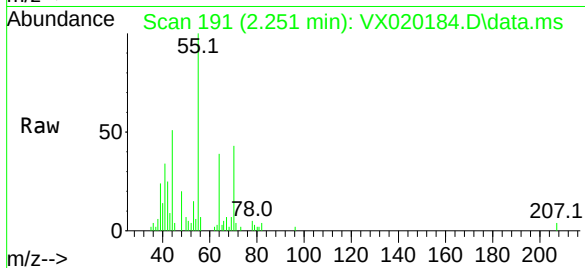
Delta R.T. -0.019 min

Lab File: VX020184.D

Acq: 19 Dec 2020 20:16

Tgt Ion: 56 Resp: 393
 Ion Ratio Lower Upper
 56 100
 55 1097.5 56.4 84.6#

Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD01-121220



#16

Acetone

Concen: 2.33 ug/l

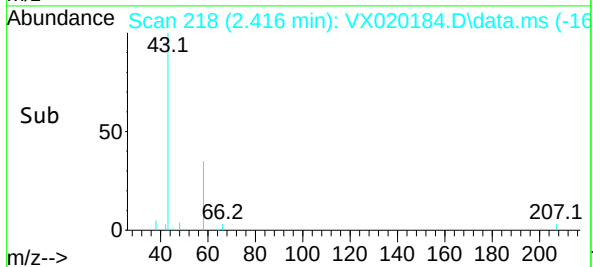
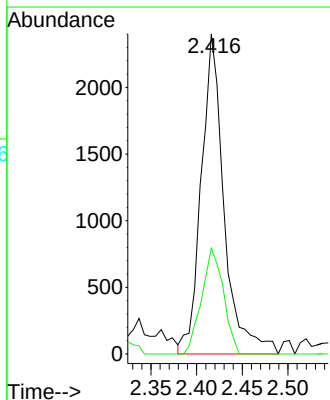
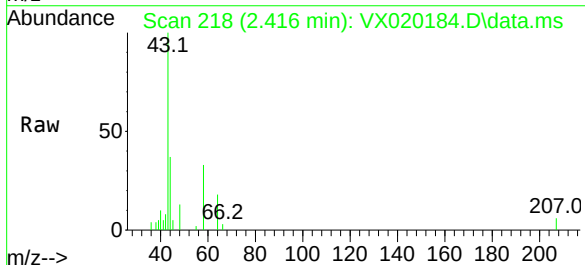
RT: 2.416 min Scan# 218

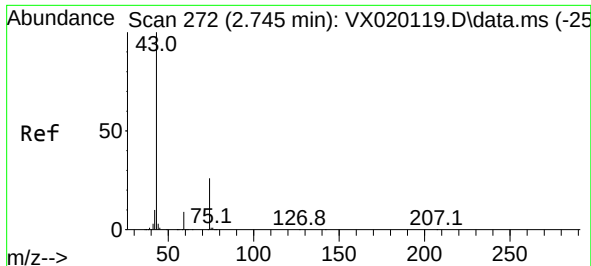
Delta R.T. 0.000 min

Lab File: VX020184.D

Acq: 19 Dec 2020 20:16

Tgt Ion: 43 Resp: 4168
 Ion Ratio Lower Upper
 43 100
 58 33.1 27.8 41.8

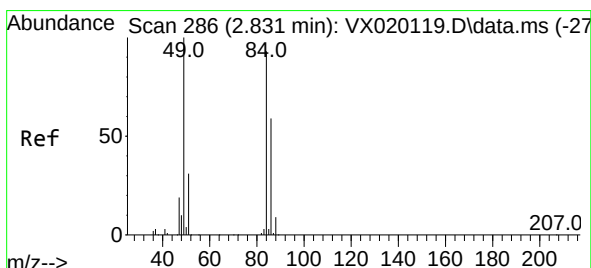
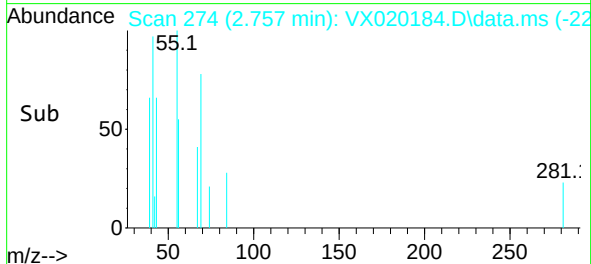
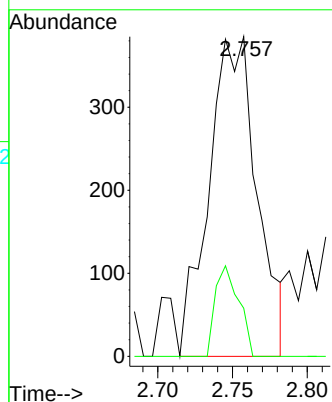
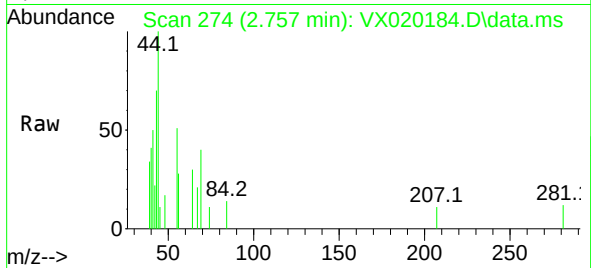




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.757 min Scan# 274
Delta R.T. 0.012 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

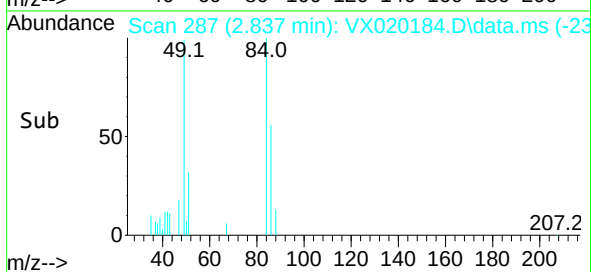
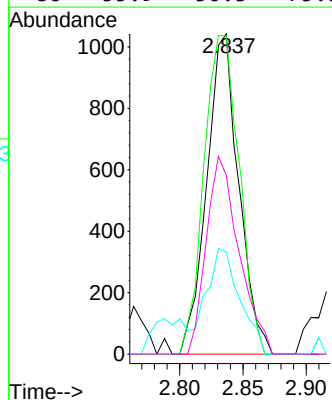
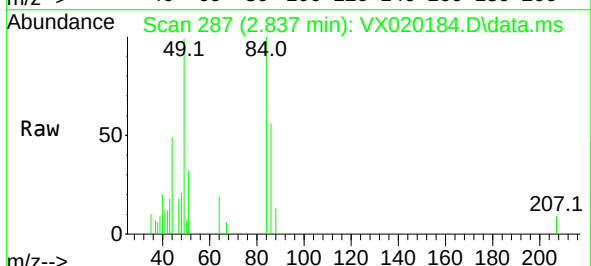
Instrument :
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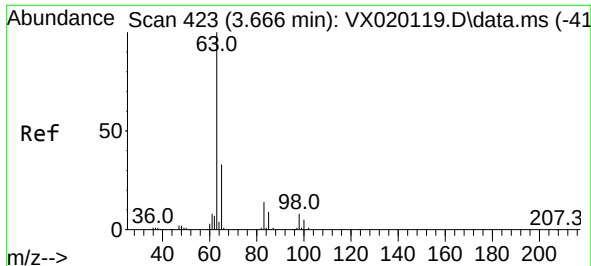
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
74 13.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

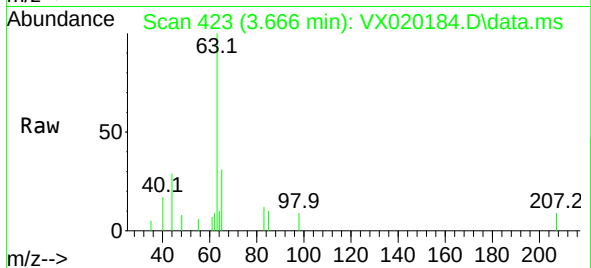
Tgt Ion: 84 Resp: 1839
Ion Ratio Lower Upper
84 100
49 99.4 88.6 132.8
51 31.9 27.0 40.6
86 55.9 50.3 75.5



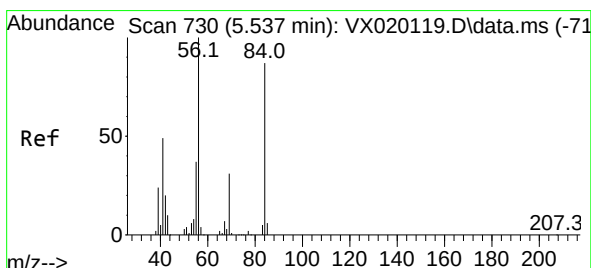
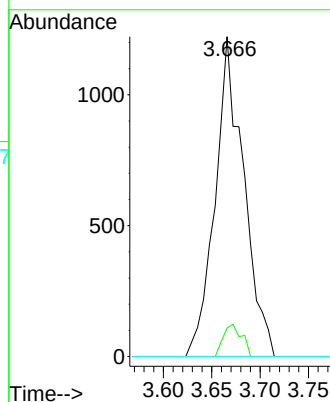
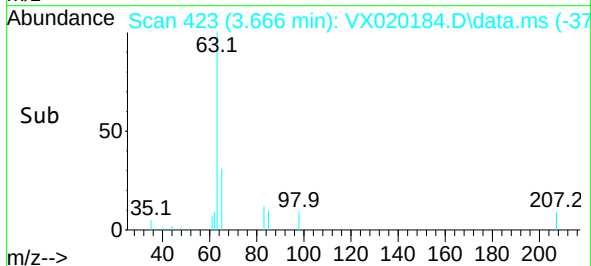


#24
1,1-Dichloroethane
Concen: 0.39 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

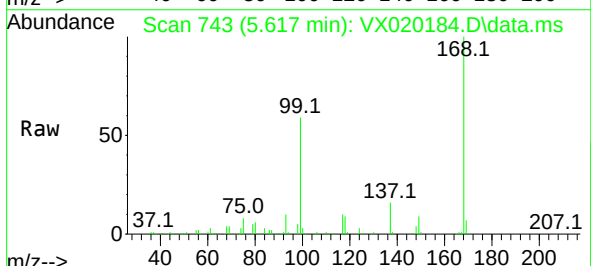
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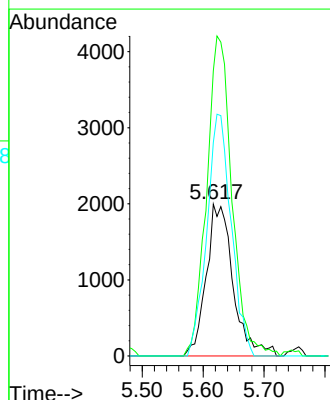
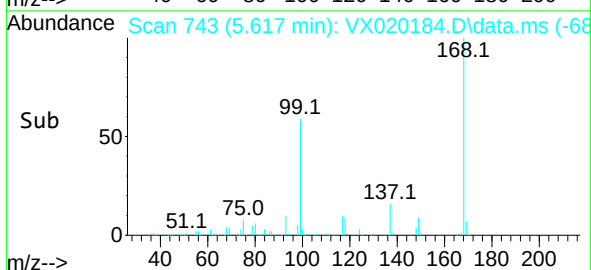
Tgt Ion: 63 Resp: 2512
Ion Ratio Lower Upper
63 100
98 8.9 3.8 11.2
100 0.0 2.5 7.5#

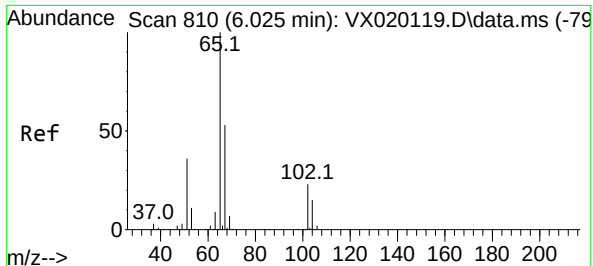


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16



Tgt Ion: 56 Resp: 6101
Ion Ratio Lower Upper
56 100
69 187.9 25.3 37.9#
84 140.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.26 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020184.D

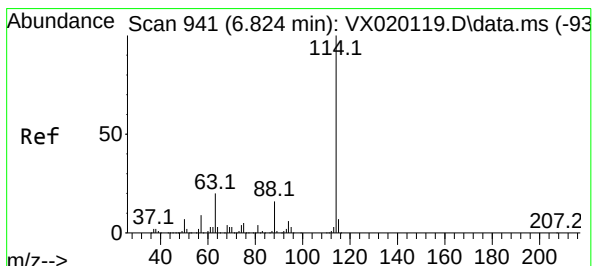
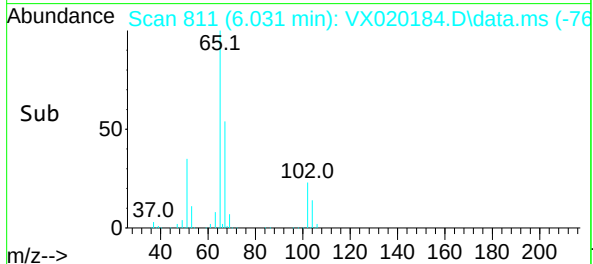
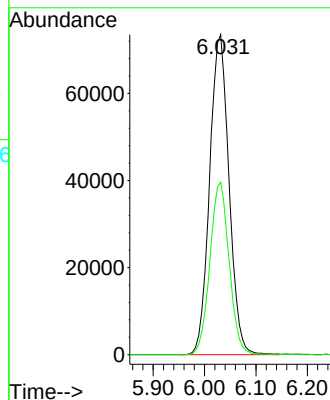
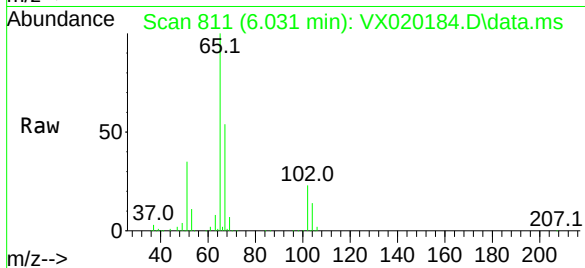
Acq: 19 Dec 2020 20:16

Tgt Ion: 65 Resp: 192853

Ion Ratio Lower Upper

65 100

67 53.4 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: VX020184.D

Acq: 19 Dec 2020 20:16

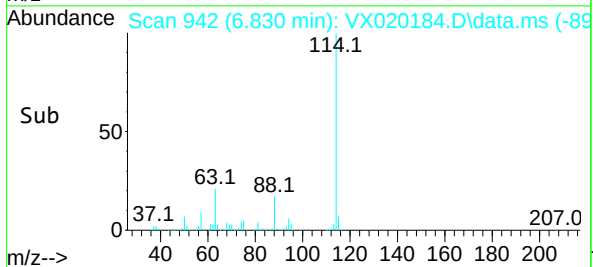
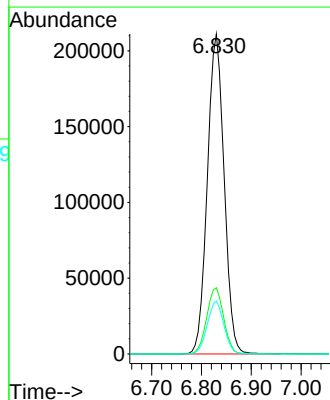
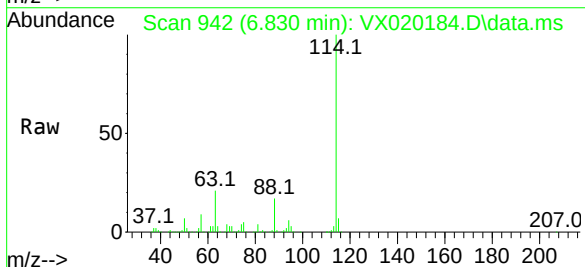
Tgt Ion: 114 Resp: 493133

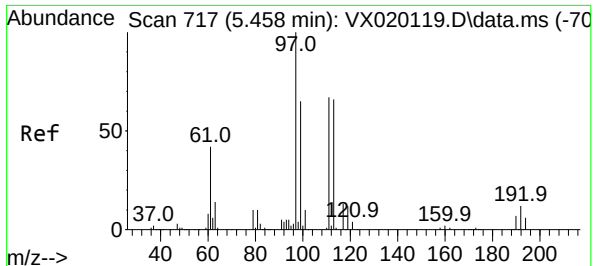
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.6 0.0 32.8

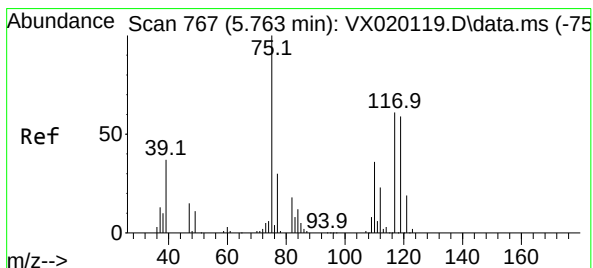
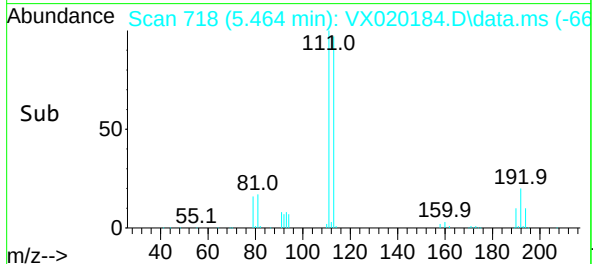
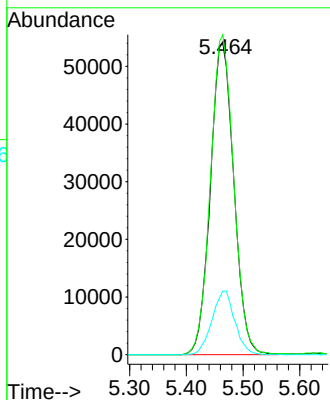
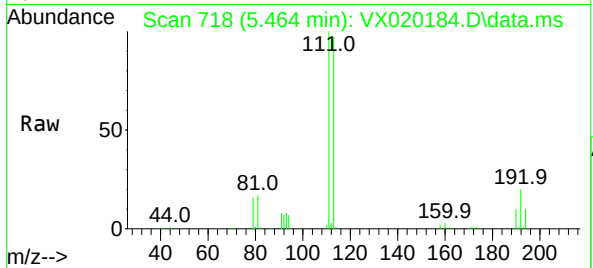




#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

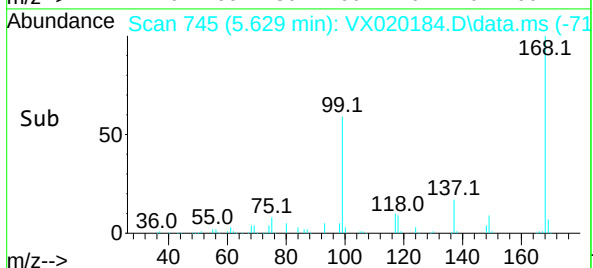
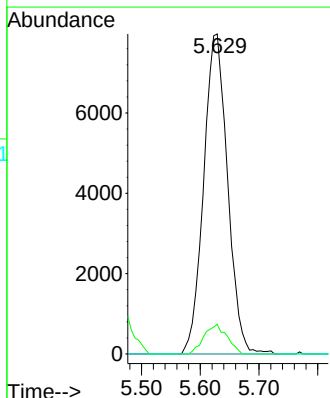
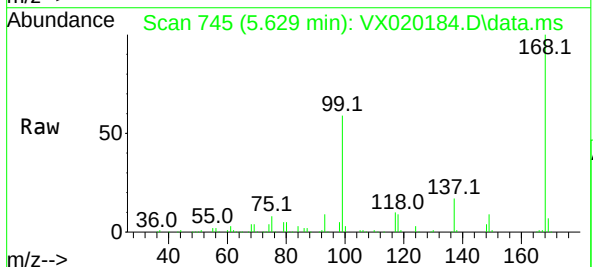
Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

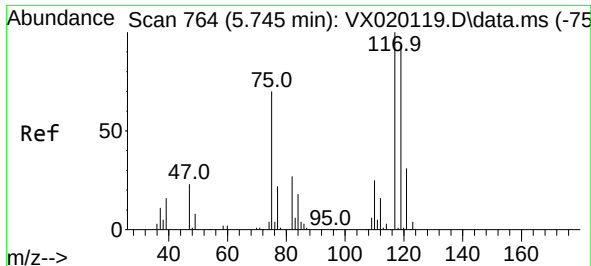
Tgt Ion:113 Resp: 155426
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

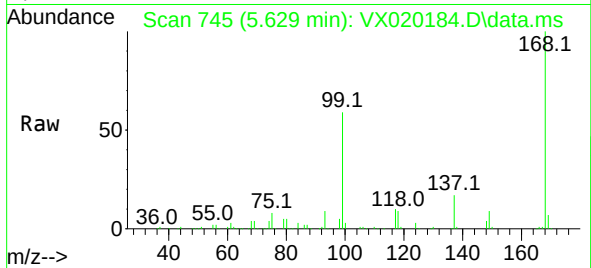
Tgt Ion: 75 Resp: 22555
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



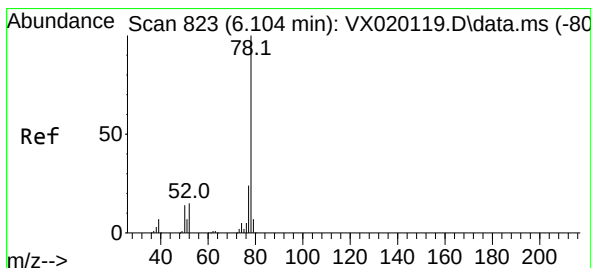
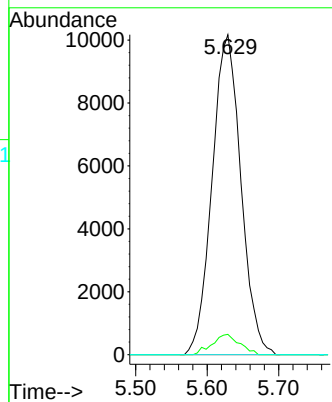
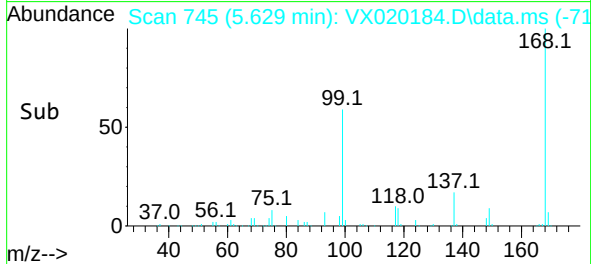


#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

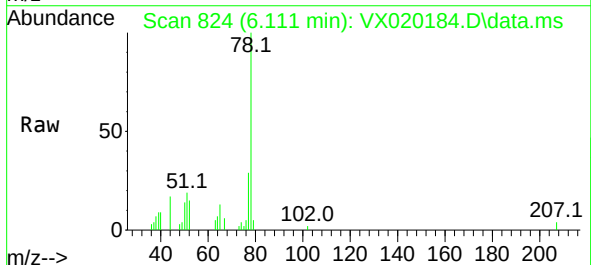
Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220



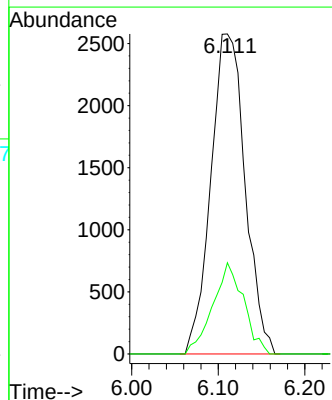
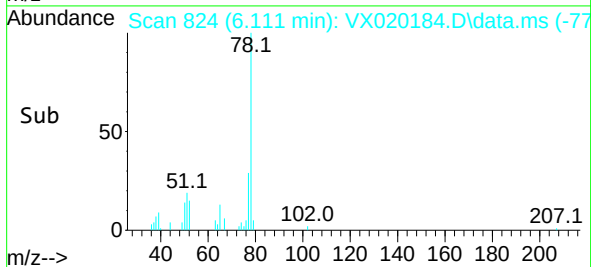
Tgt Ion:117 Resp: 28422
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

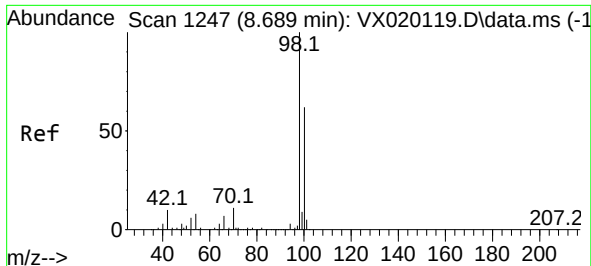


#40
Benzene
Concen: 0.47 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16



Tgt Ion: 78 Resp: 7087
Ion Ratio Lower Upper
78 100
77 28.5 18.9 28.3#

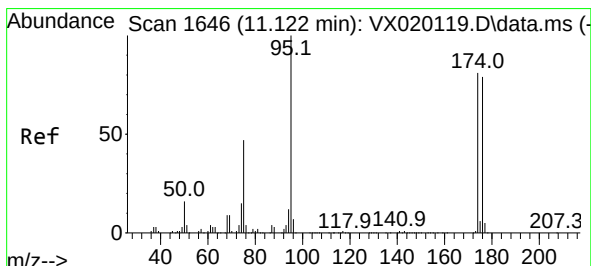
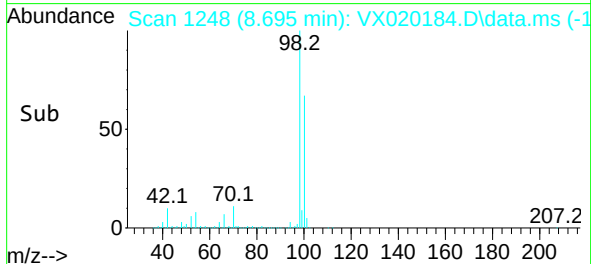
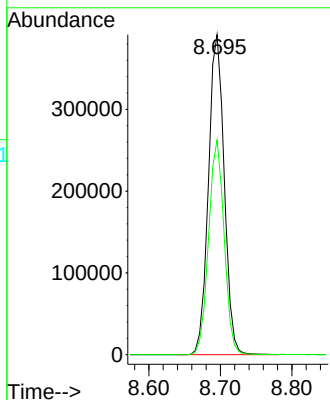
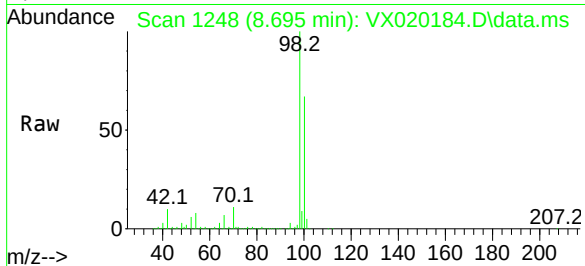




#50
Toluene-d8
Concen: 49.39 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

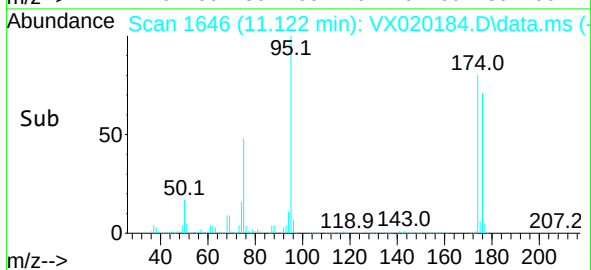
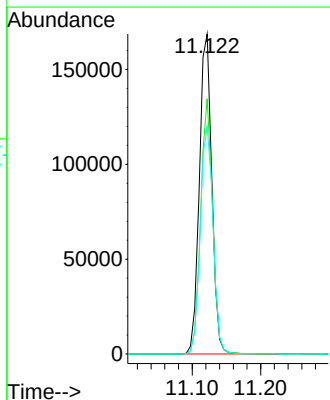
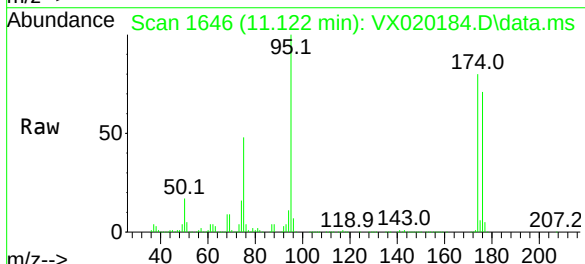
Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

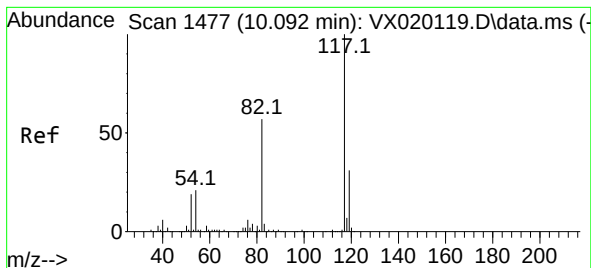
Tgt Ion: 98 Resp: 599789
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Tgt Ion: 95 Resp: 213649
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 72.9 0.0 155.8

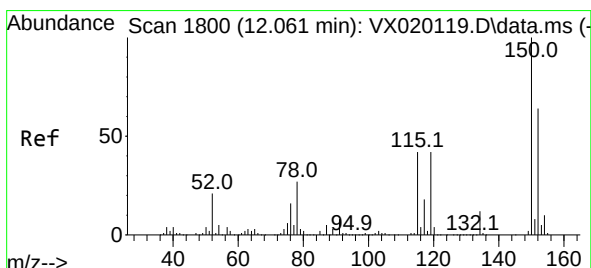
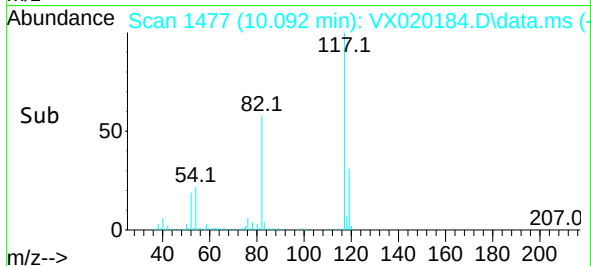
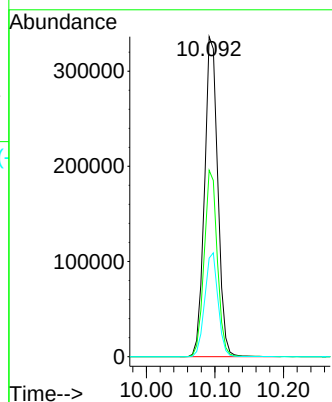
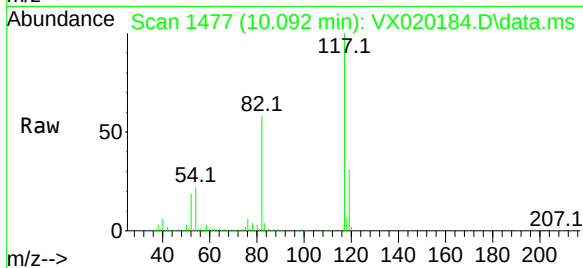




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

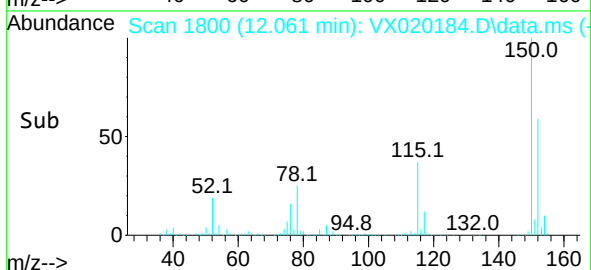
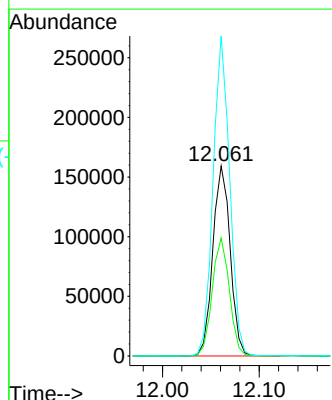
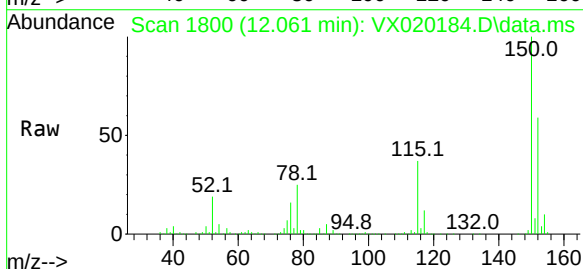
Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

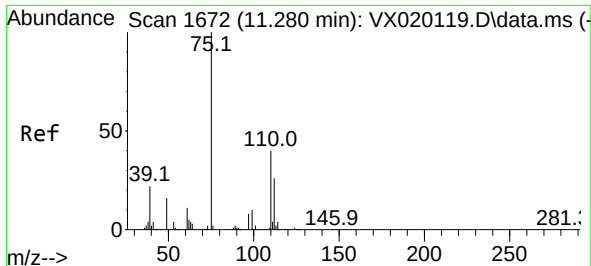
Tgt Ion:117 Resp: 454784
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Tgt Ion:152 Resp: 198906
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 161.5 0.0 349.0

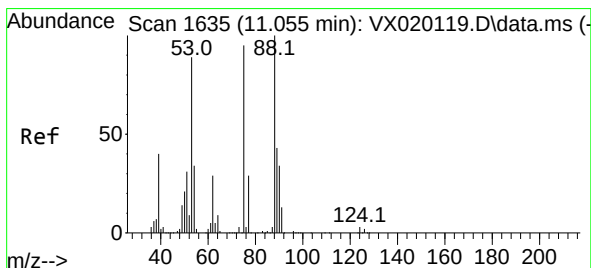
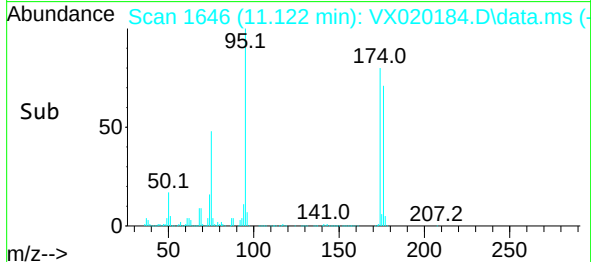
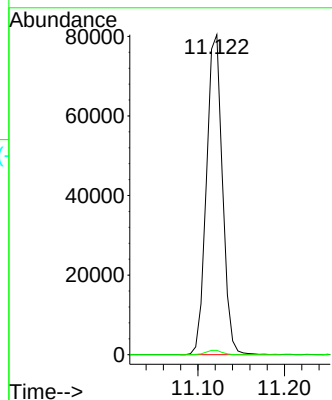
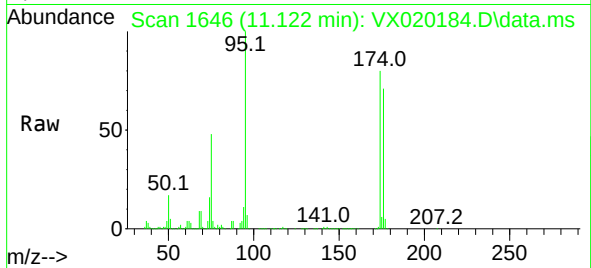




#76
1,2,3-Trichloropropane
Concen: 21.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
49-FD01-121220

Tgt Ion: 75 Resp: 103050
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020184.D
Acq: 19 Dec 2020 20:16

Tgt Ion: 75 Resp: 103050
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

