

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020205.D
 Acq On : 20 Dec 2020 05:10
 Operator : JC/MD
 Sample : L5095-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5153-121420

Quant Time: Dec 21 02:44:18 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)

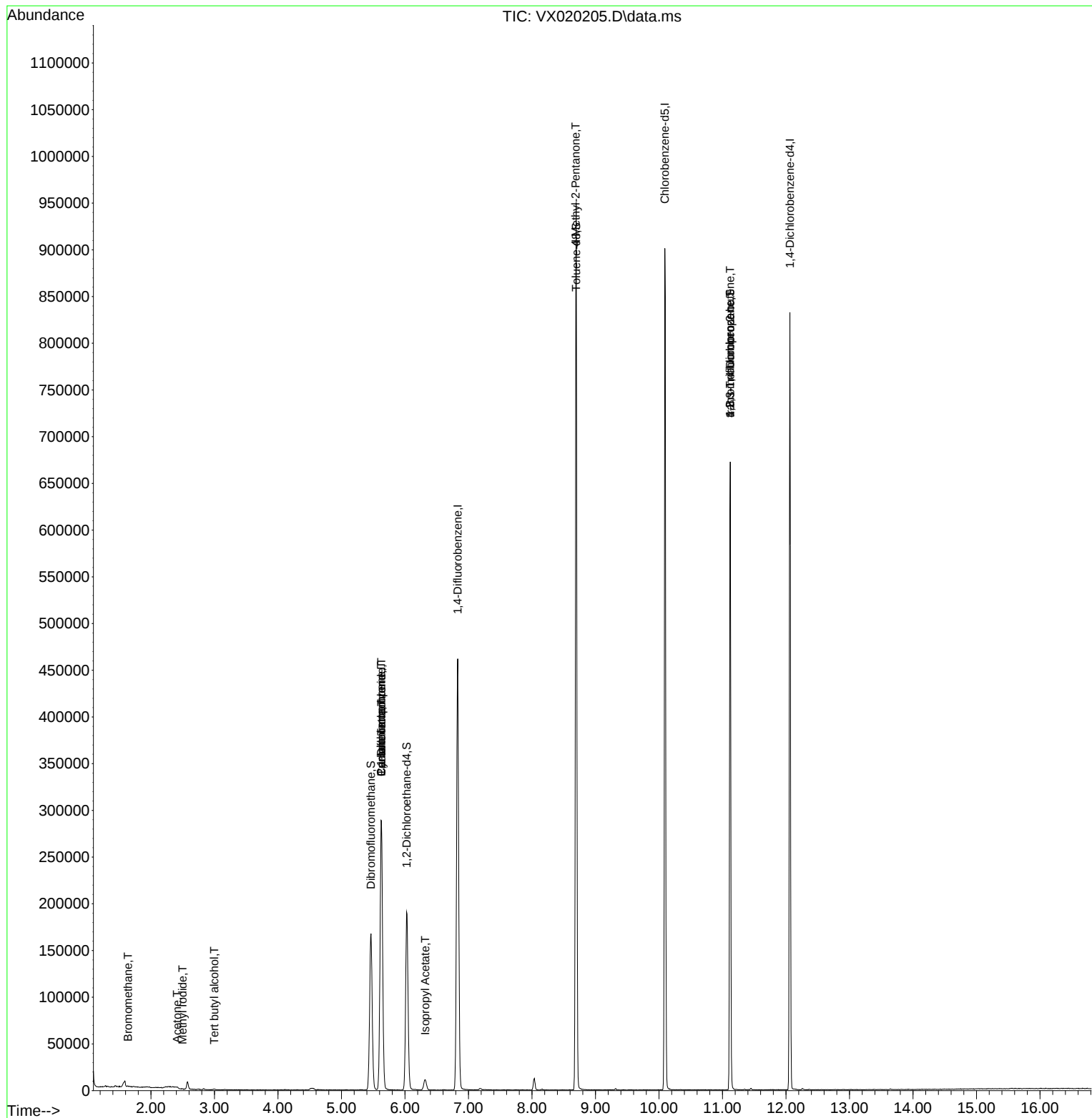
Internal Standards						
1) Pentafluorobenzene	5.629	168	275542	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	461127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	419961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	166700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	182683	49.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.92%		
35) Dibromofluoromethane	5.465	113	146350	49.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.22%		
50) Toluene-d8	8.696	98	558919	49.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.44%		
62) 4-Bromofluorobenzene	11.122	95	183875	42.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.62%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	647	0.53	ug/l #	70
10) Methyl Iodide	2.496	142	244	3.35	ug/l #	64
11) Tert butyl alcohol	2.995	59	627	0.76	ug/l #	73
16) Acetone	2.410	43	1884	1.12	ug/l	93
31) Cyclohexane	5.629	56	5488	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21600	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27706	6.39	ug/l #	17
43) Isopropyl Acetate	6.318	43	2575	0.34	ug/l #	57
51) 4-Methyl-2-Pentanone	8.690	43	2103	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	90729	22.10	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90729	65.55	ug/l #	12

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

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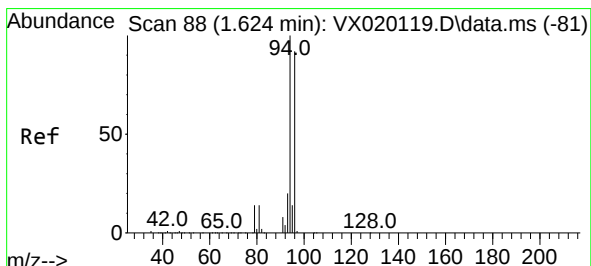
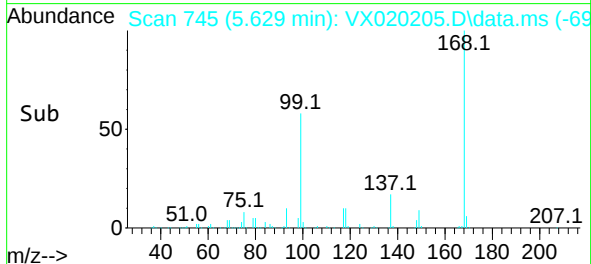
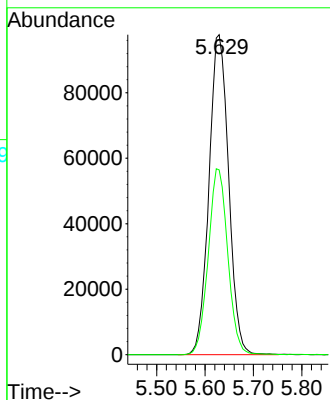
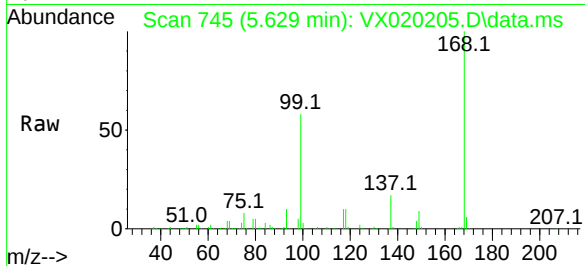




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

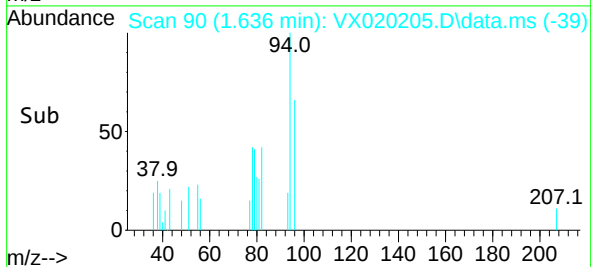
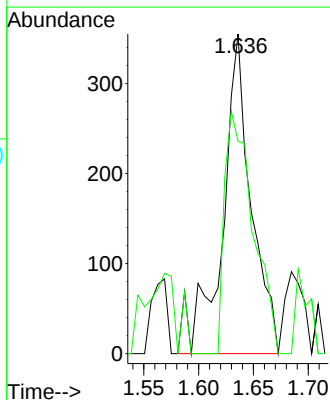
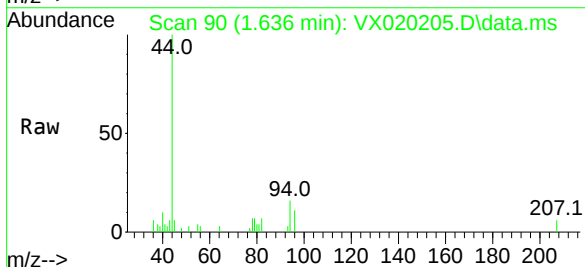
Instrument :
MSVOA_X
ClientSampleId :
39-5153-121420

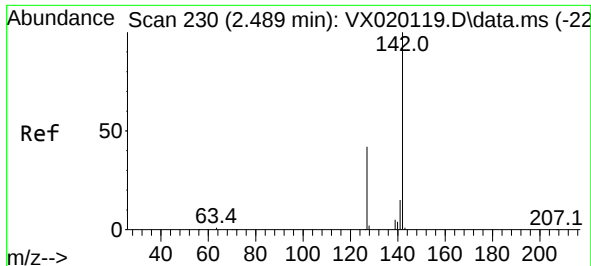
Tgt Ion:168 Resp: 275542
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

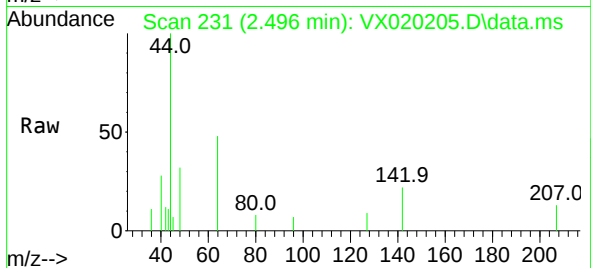
Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 66.5 76.4 114.6#



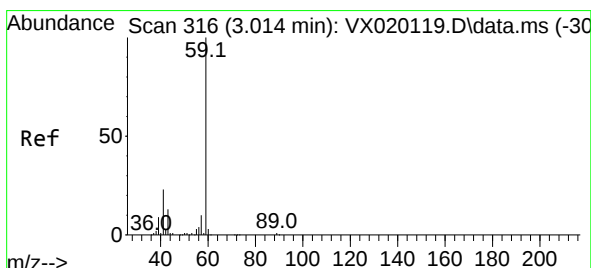
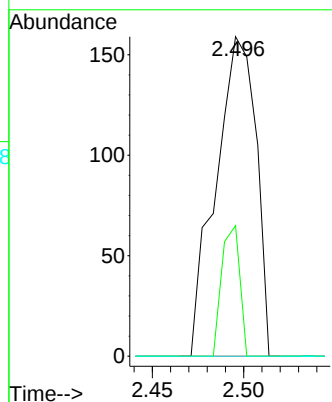
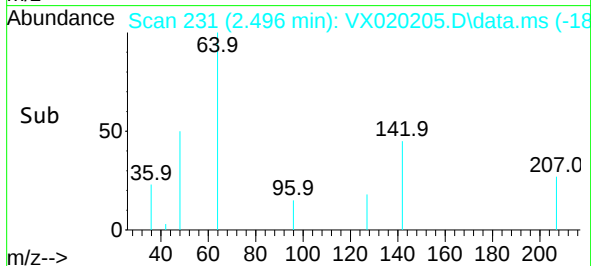


#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

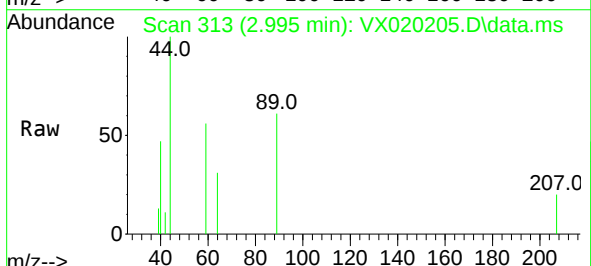
Instrument :
MSVOA_X
ClientSampleId :
39-5153-121420



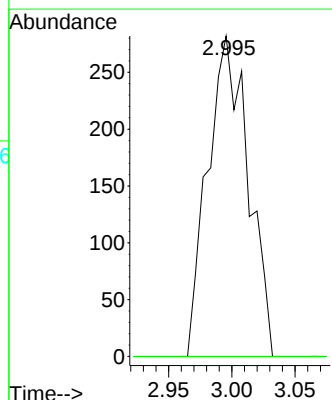
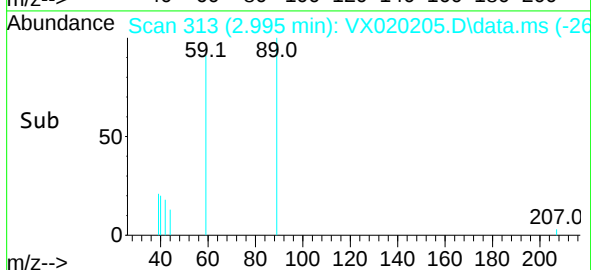
Tgt Ion:142 Resp: 244
Ion Ratio Lower Upper
142 100
127 18.4 33.3 49.9#
141 0.0 11.4 17.0#

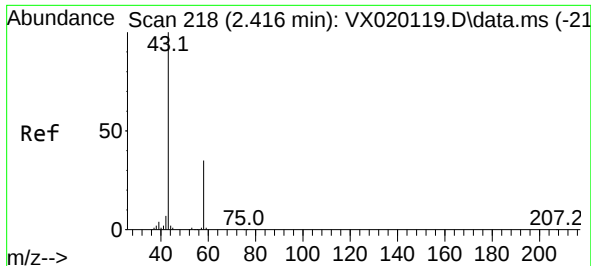


#11
Tert butyl alcohol
Concen: 0.76 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10



Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

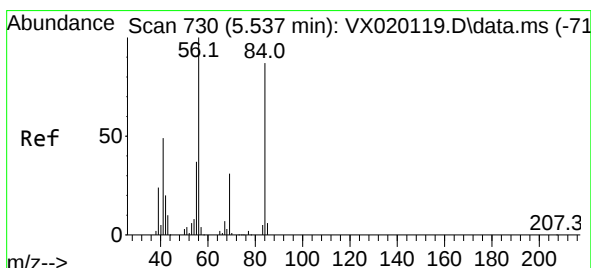
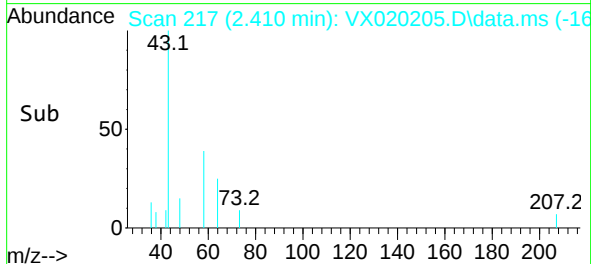
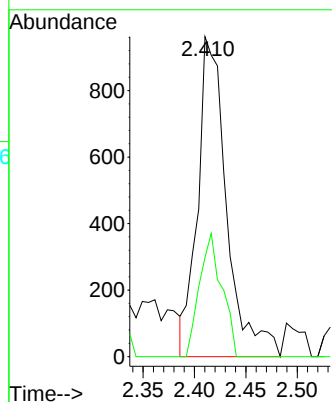
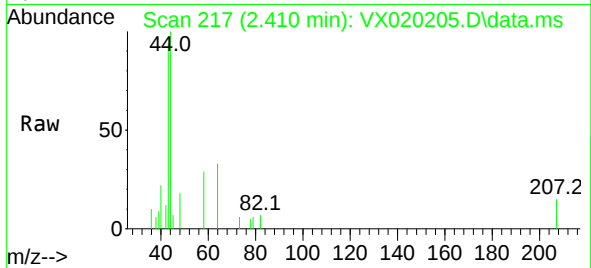




#16
Acetone
Concen: 1.12 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

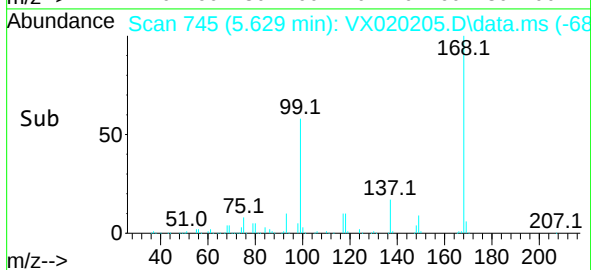
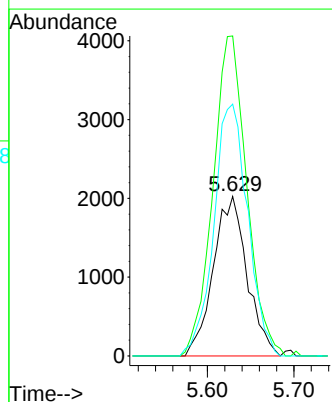
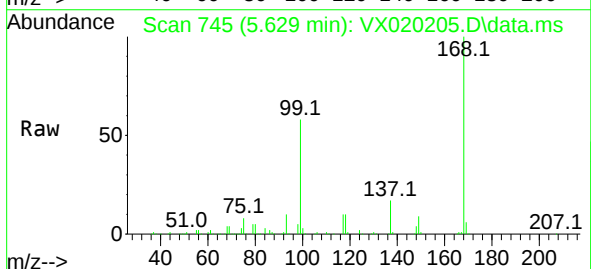
Instrument :
MSVOA_X
ClientSampleId :
39-5153-121420

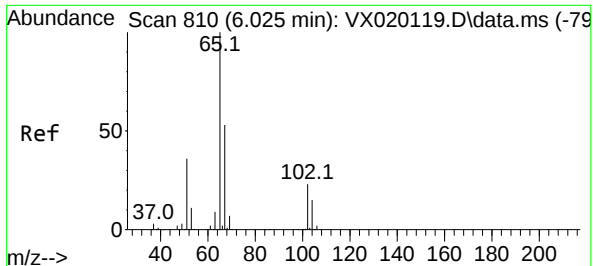
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

Tgt Ion: 56 Resp: 5488
Ion Ratio Lower Upper
56 100
69 200.5 25.3 37.9#
84 157.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.46 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020205.D

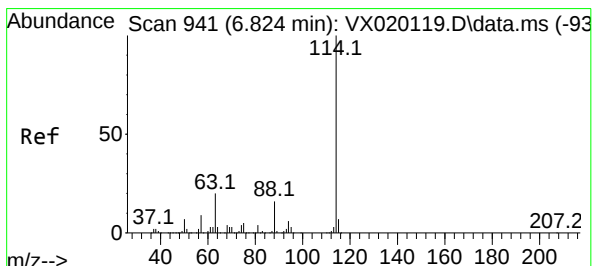
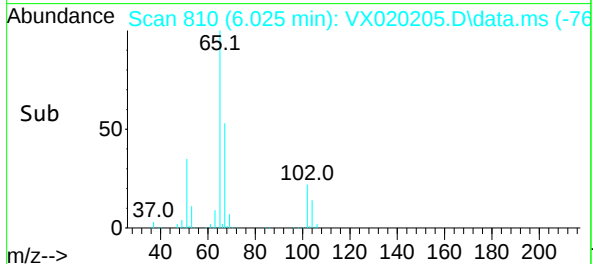
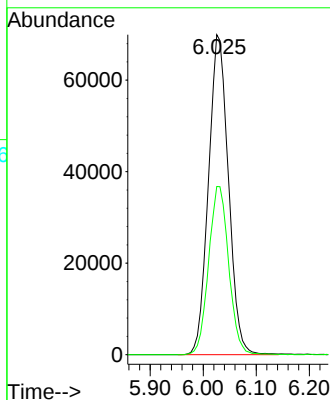
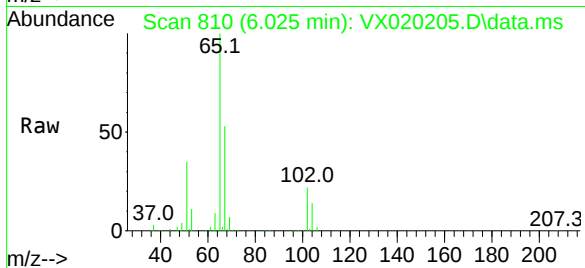
Acq: 20 Dec 2020 05:10

Tgt Ion: 65 Resp: 182683

Ion Ratio Lower Upper

65 100

67 53.0 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: VX020205.D

Acq: 20 Dec 2020 05:10

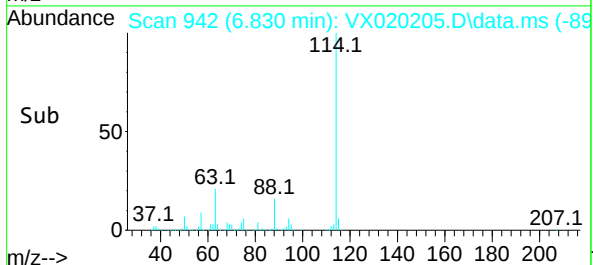
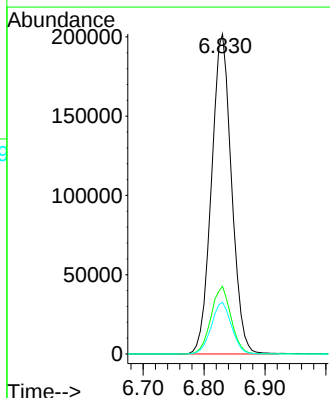
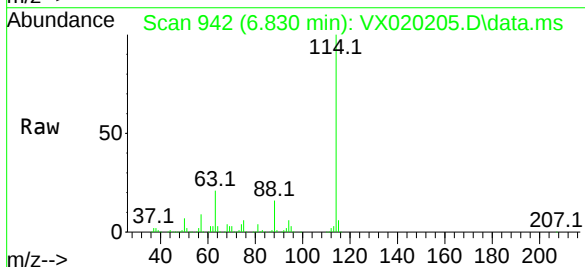
Tgt Ion: 114 Resp: 461127

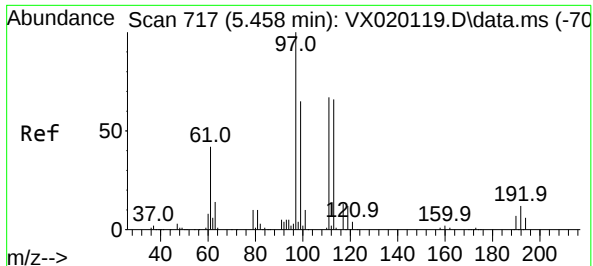
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

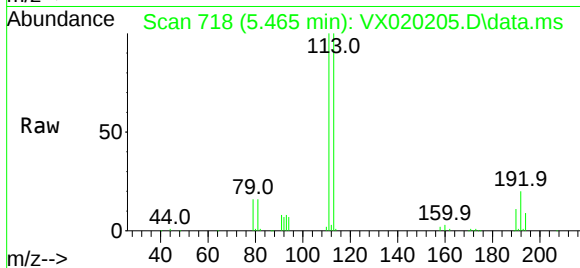
88 16.2 0.0 32.8



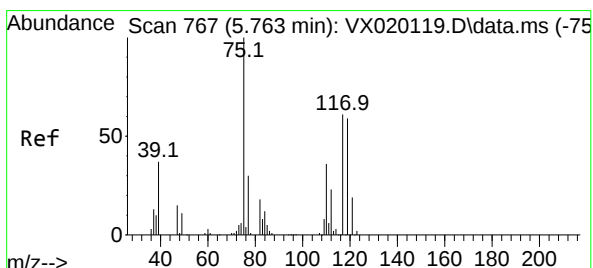
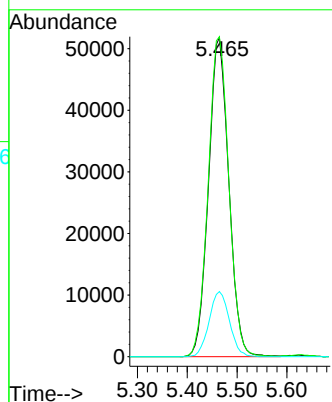
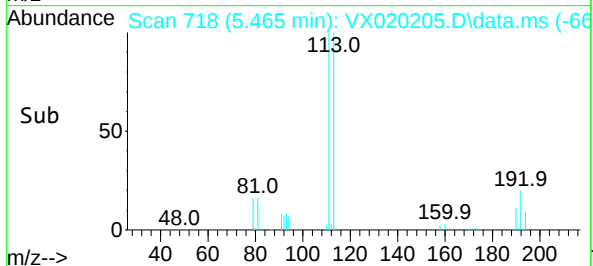


#35
Dibromofluoromethane
Concen: 49.61 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

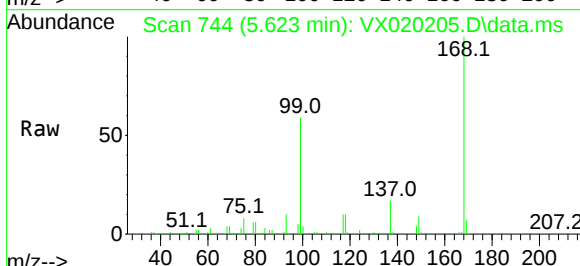
Instrument :
MSVOA_X
ClientSampleId :
39-5153-121420



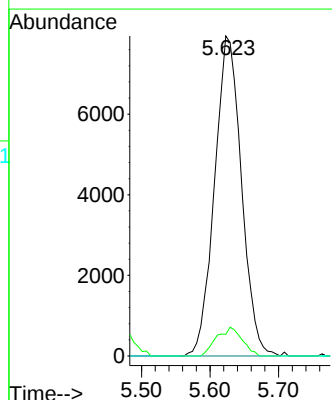
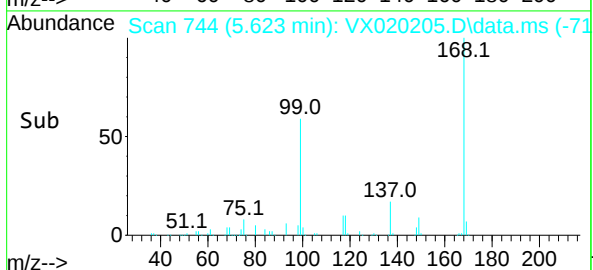
Tgt Ion:113 Resp: 146350
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1

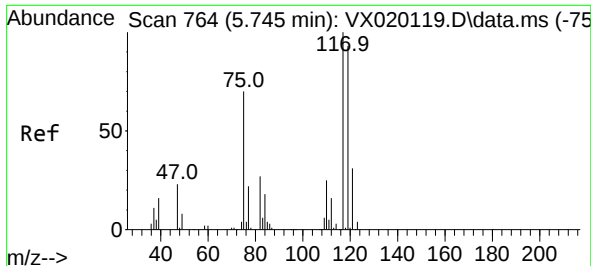


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10



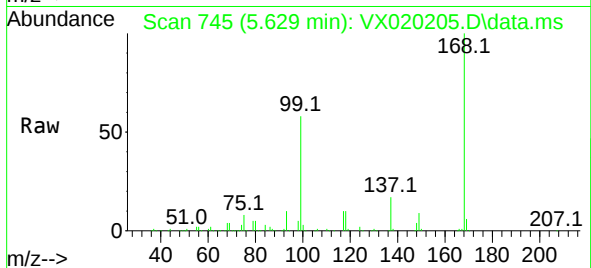
Tgt Ion: 75 Resp: 21600
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



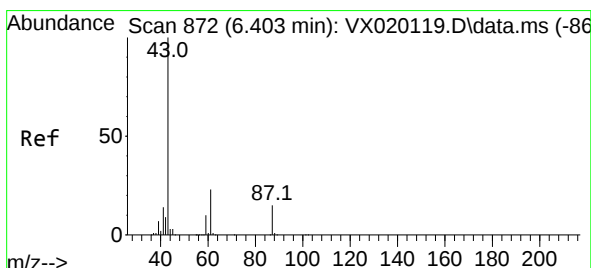
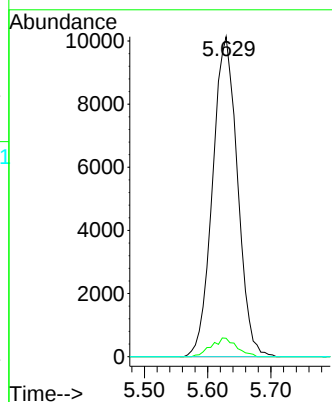
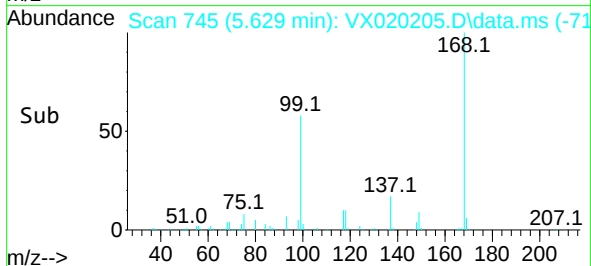


#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

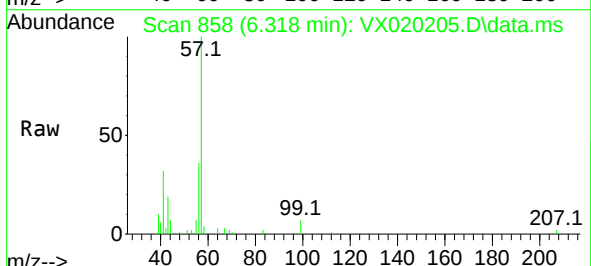
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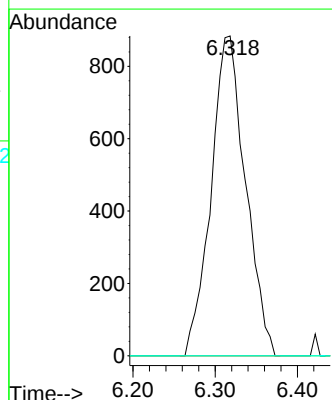
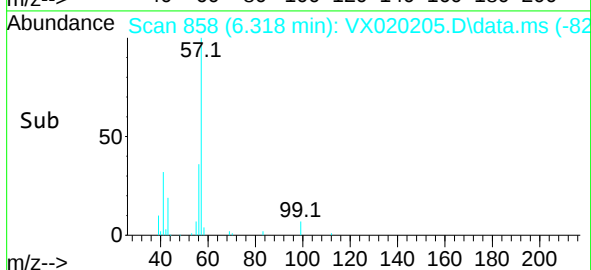
Tgt Ion:117 Resp: 27706
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

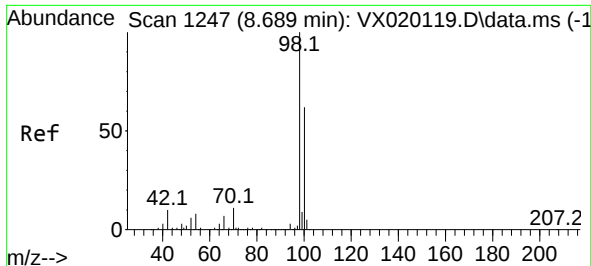


#43
Isopropyl Acetate
Concen: 0.34 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.085 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10



Tgt Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

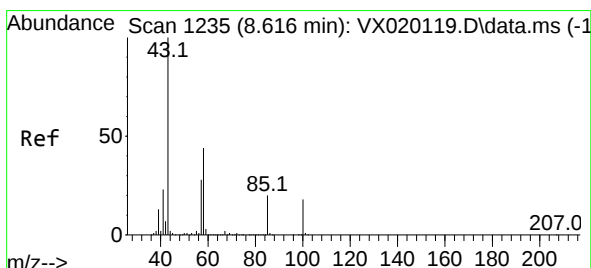
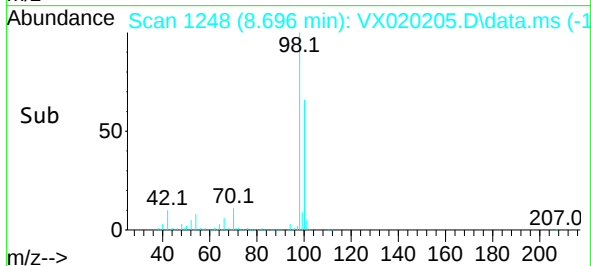
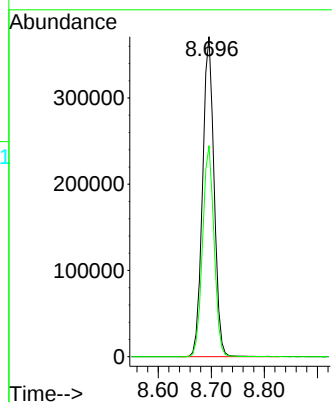
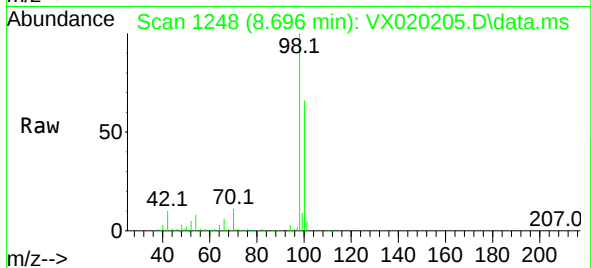




#50
Toluene-d8
Concen: 49.22 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

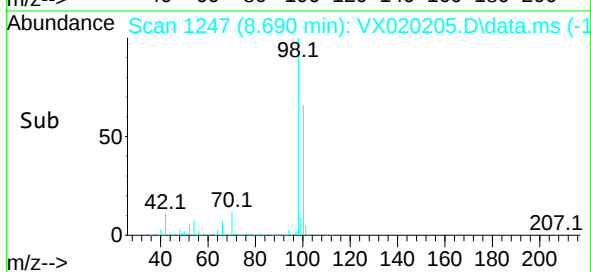
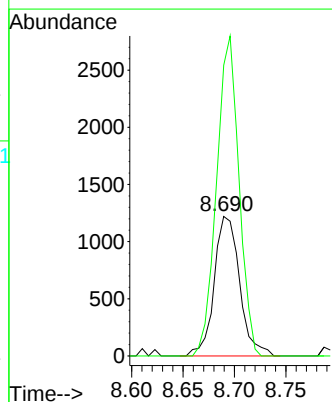
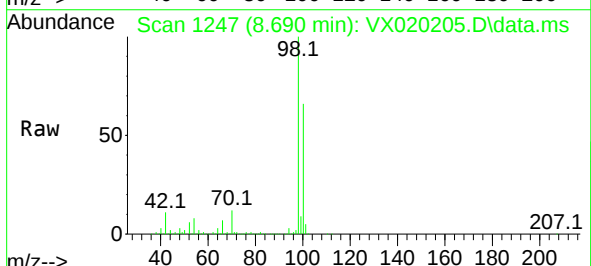
Instrument :
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39-5153-121420

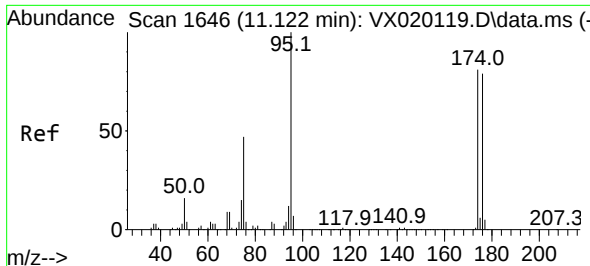
Tgt Ion: 98 Resp: 558919
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 201.6 35.4 53.0#

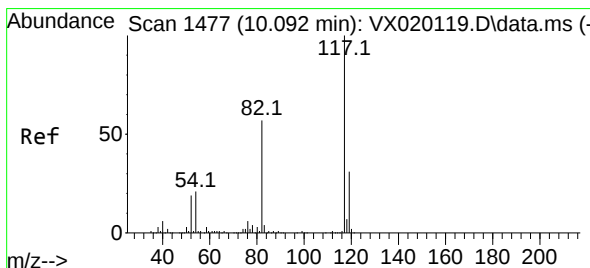
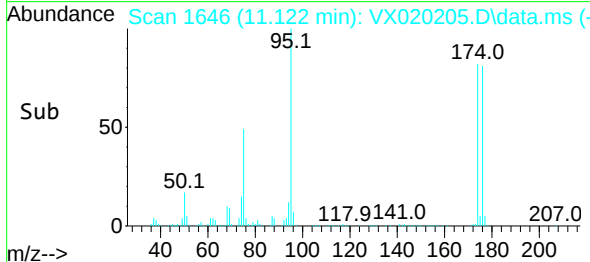
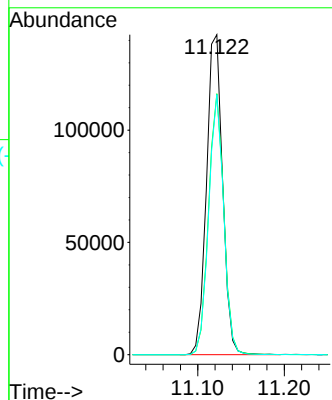
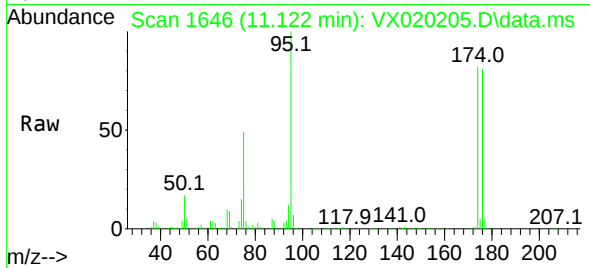




#62
4-Bromofluorobenzene
Concen: 42.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

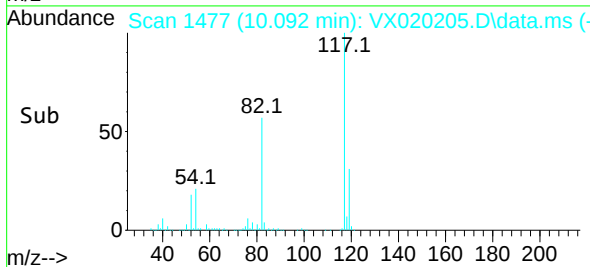
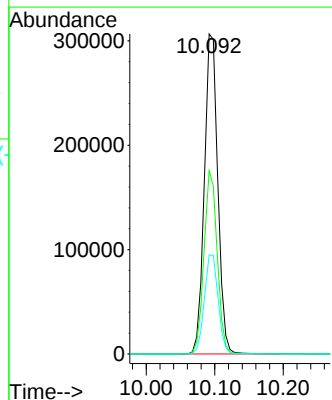
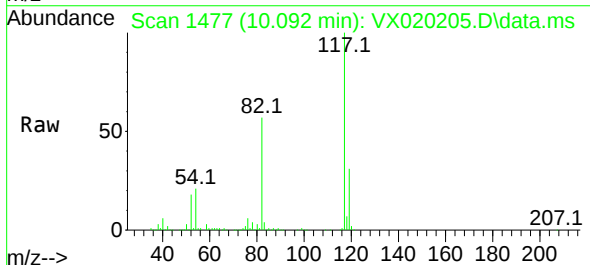
Instrument :
MSVOA_X
ClientSampleId :
39-5153-121420

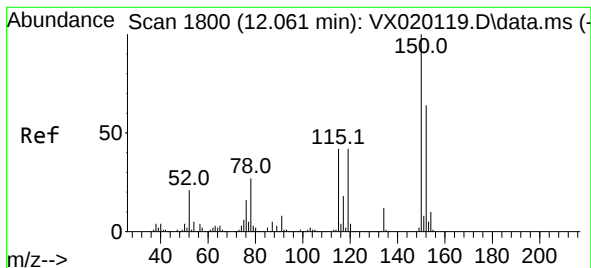
Tgt Ion: 95 Resp: 183875
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020205.D
Acq: 20 Dec 2020 05:10

Tgt Ion: 117 Resp: 419961
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.9 26.6 39.8

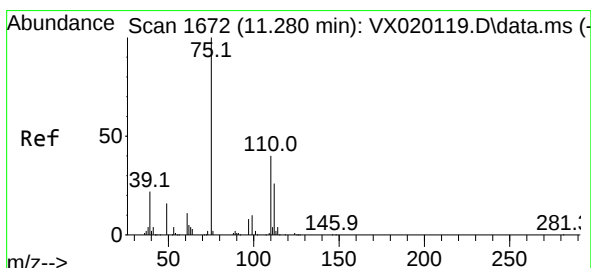
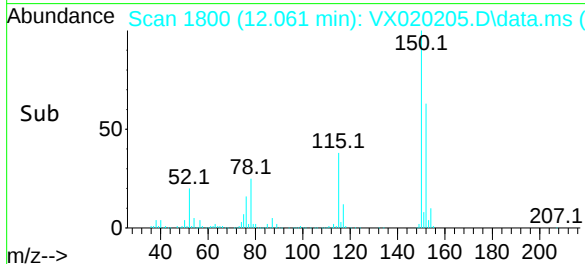
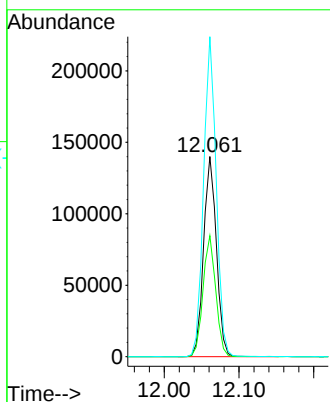
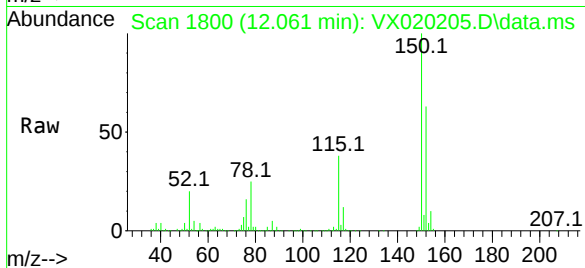




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020205.D
 Acq: 20 Dec 2020 05:10

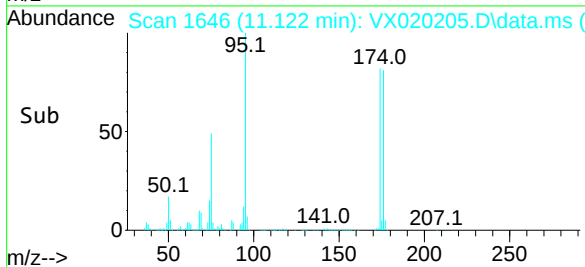
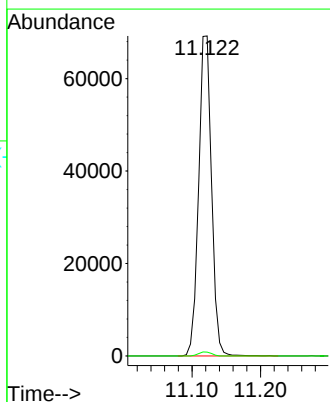
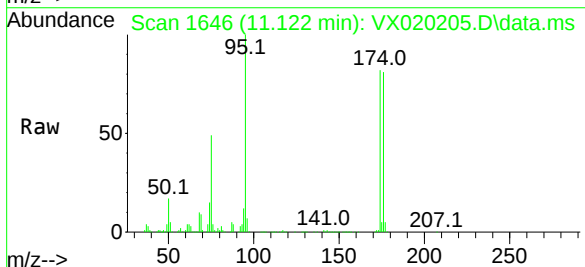
Instrument :
 MSVOA_X
 ClientSampleId :
 39-5153-121420

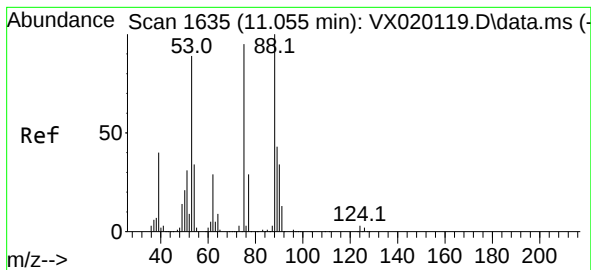
Tgt Ion:152 Resp: 166700
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.10 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020205.D
 Acq: 20 Dec 2020 05:10

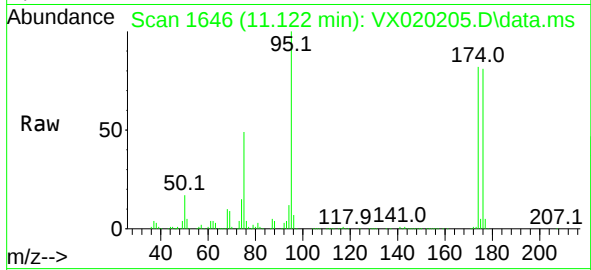
Tgt Ion: 75 Resp: 90729
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.55 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020205.D
 Acq: 20 Dec 2020 05:10

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5153-121420



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

