

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020326.D
 Acq On : 23 Dec 2020 00:49
 Operator : JC/MD
 Sample : L5094-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 05:05:29 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)

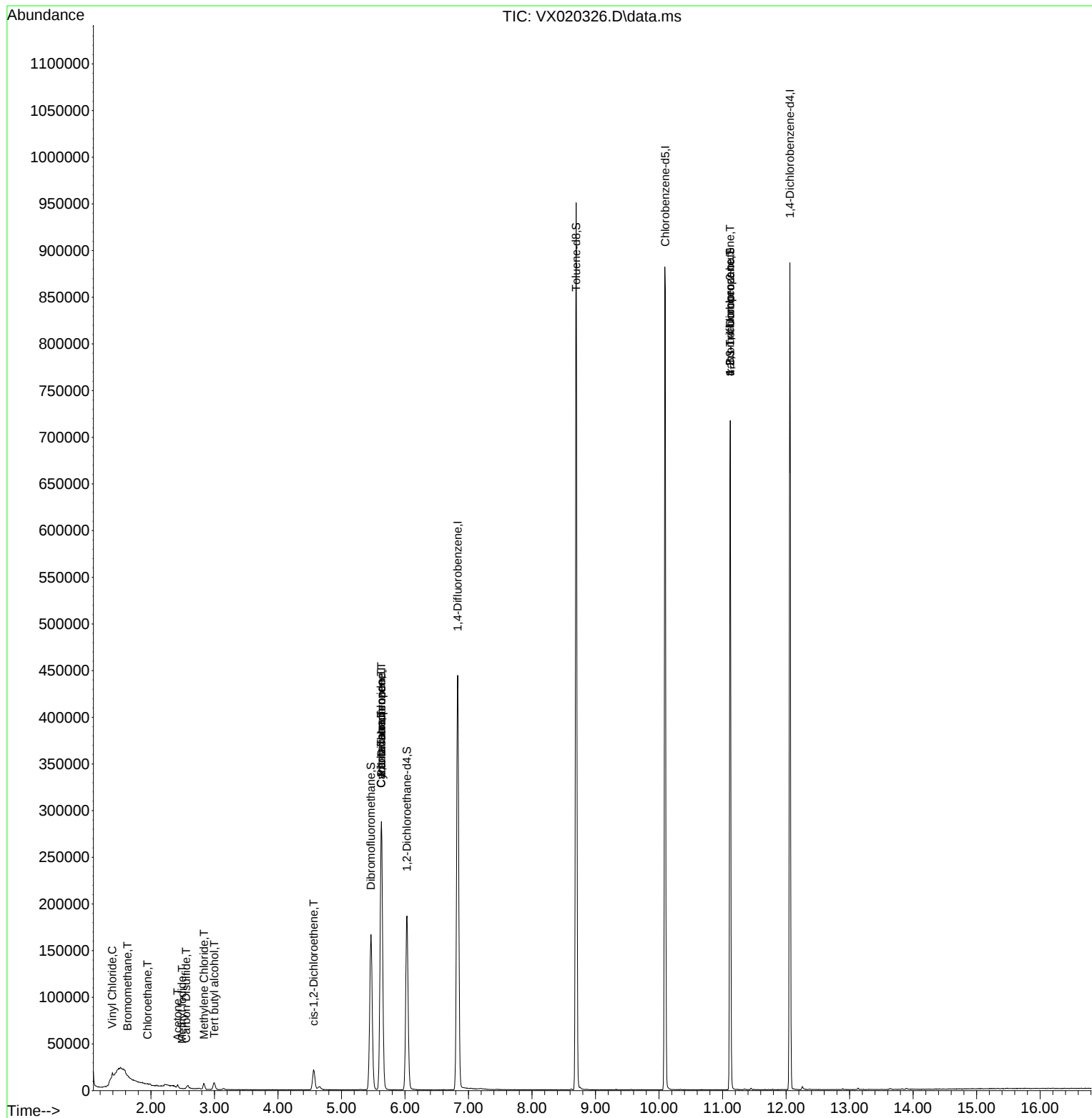
Internal Standards						
1) Pentafluorobenzene	5.629	168	275877	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	453824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	410012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	177533	48.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.02%		
35) Dibromofluoromethane	5.464	113	144838	49.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.78%		
50) Toluene-d8	8.695	98	550853	49.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.58%		
62) 4-Bromofluorobenzene	11.122	95	199359	46.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.22%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	2635	0.70	ug/l #	9
5) Bromomethane	1.630	94	541	0.45	ug/l	97
6) Chloroethane	1.947	64	689	0.29	ug/l #	43
10) Methyl Iodide	2.489	142	204	3.34	ug/l #	60
11) Tert butyl alcohol	2.995	59	5099	6.16	ug/l #	81
16) Acetone	2.416	43	3530	2.09	ug/l	97
17) Carbon Disulfide	2.556	76	2071	0.25	ug/l #	94
20) Methylene Chloride	2.837	84	2867	0.75	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	13992	3.63	ug/l	89
31) Cyclohexane	5.623	56	5347	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21388	4.77	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27164	6.37	ug/l #	18
76) 1,2,3-Trichloropropane	11.122	75	95161	21.43	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	95161	63.58	ug/l #	12

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

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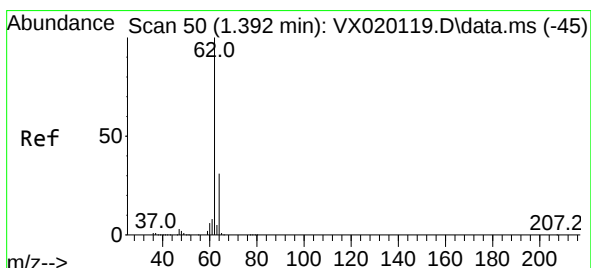
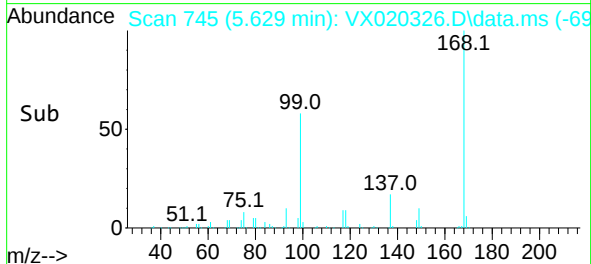
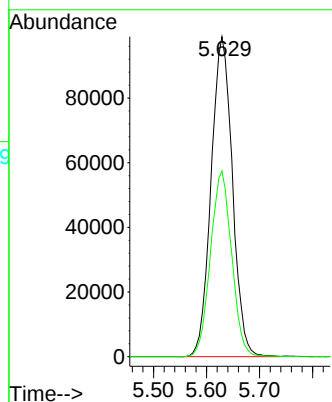
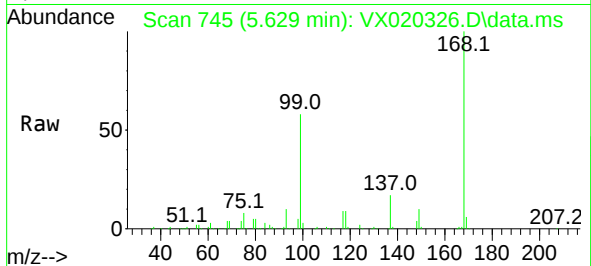




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

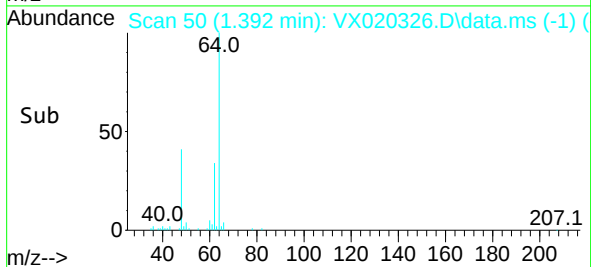
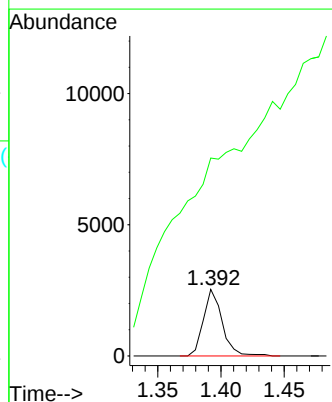
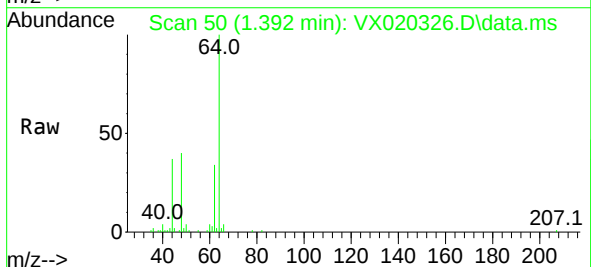
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

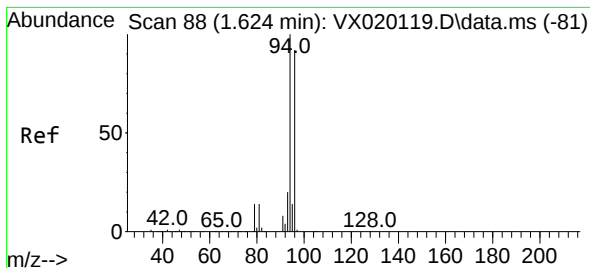
Tgt Ion:168 Resp: 275877
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#4
Vinyl Chloride
Concen: 0.70 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 62 Resp: 2635
Ion Ratio Lower Upper
62 100
64 83.1 25.7 38.5#





#5

Bromomethane

Concen: 0.45 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.006 min

Lab File: VX020326.D

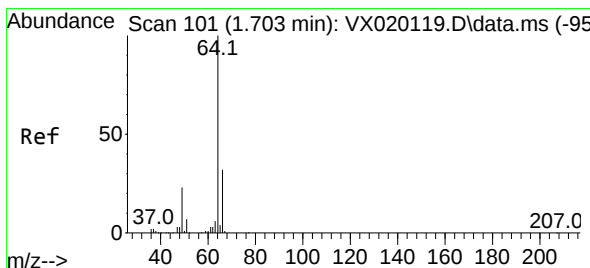
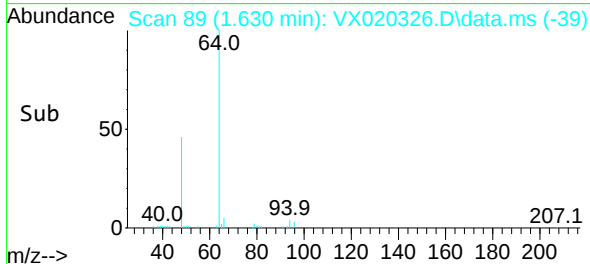
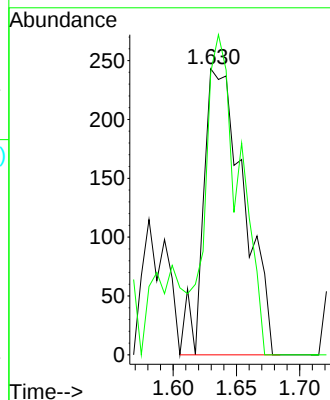
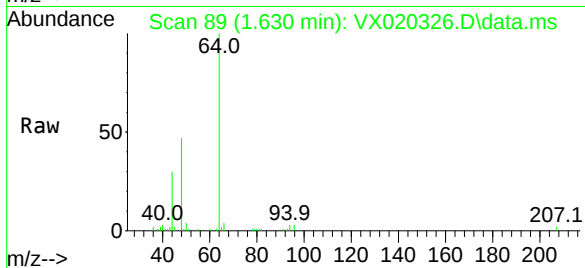
Acq: 23 Dec 2020 00:49

Tgt Ion: 94 Resp: 541

Ion Ratio Lower Upper

94 100

96 98.8 76.4 114.6



#6

Chloroethane

Concen: 0.29 ug/l

RT: 1.947 min Scan# 141

Delta R.T. 0.244 min

Lab File: VX020326.D

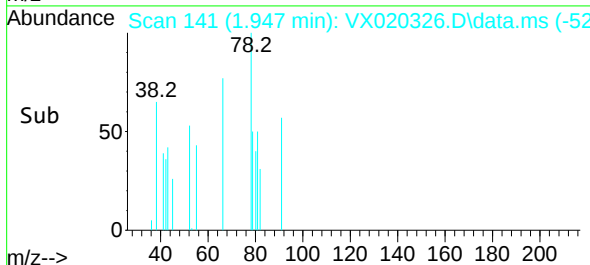
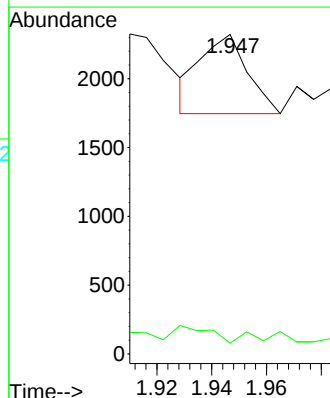
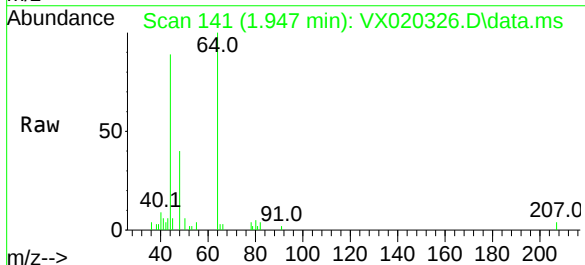
Acq: 23 Dec 2020 00:49

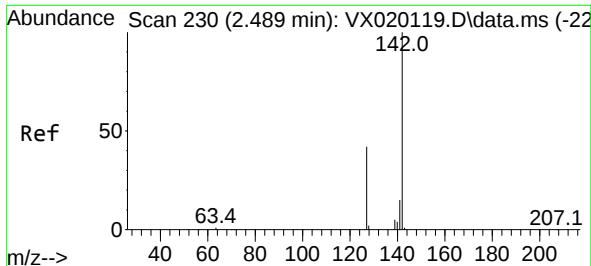
Tgt Ion: 64 Resp: 689

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#

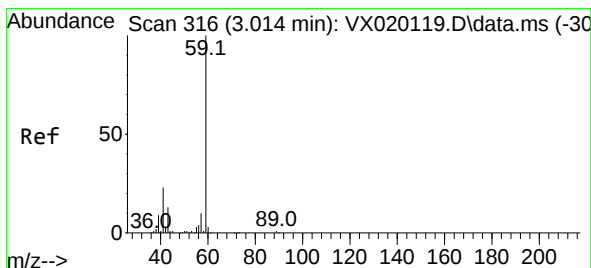
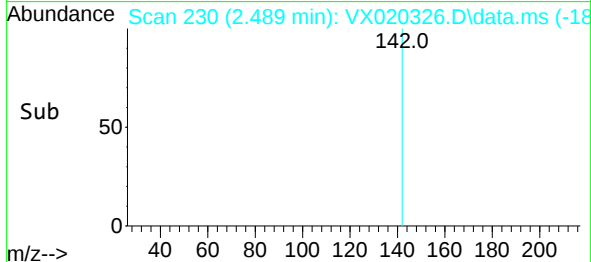
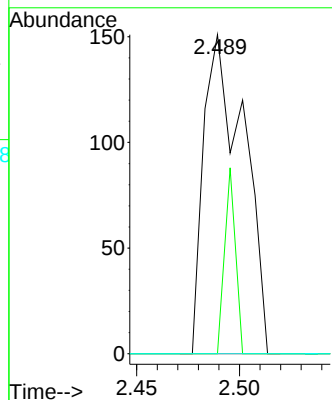
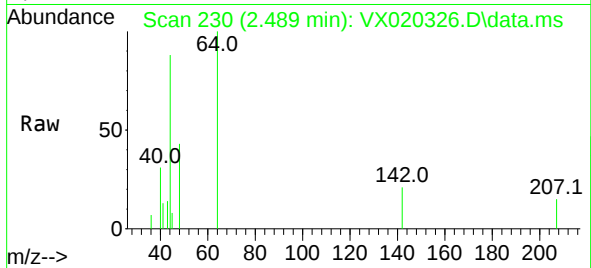




#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

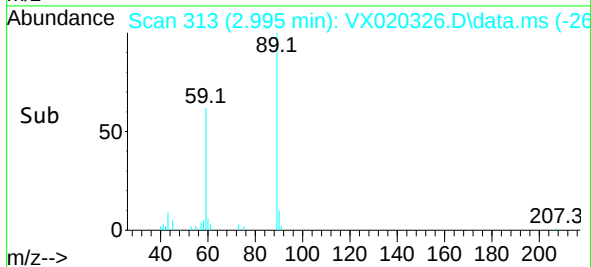
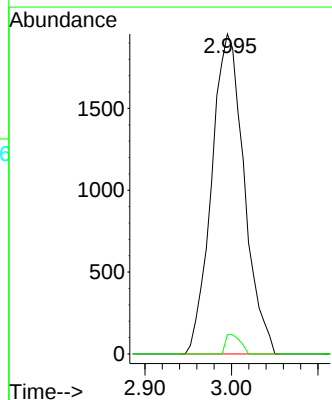
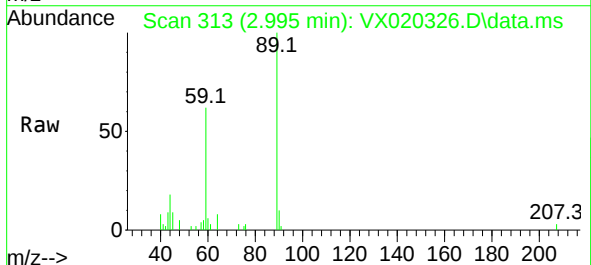
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 15.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.16 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 59 Resp: 5099
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.8#

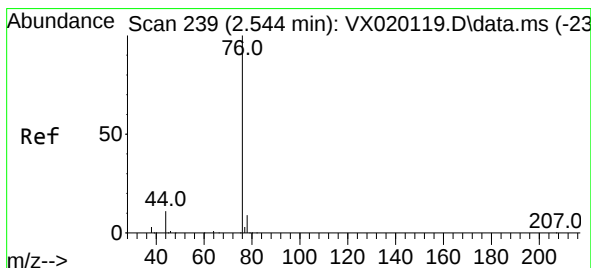
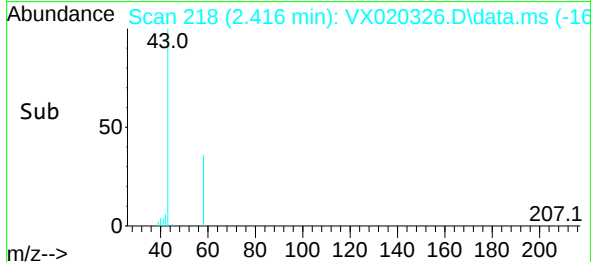
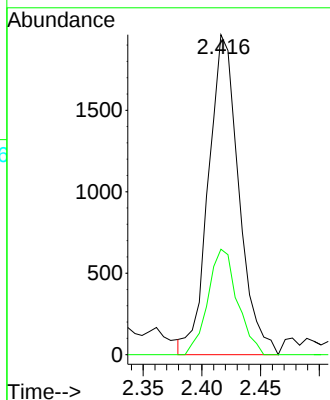
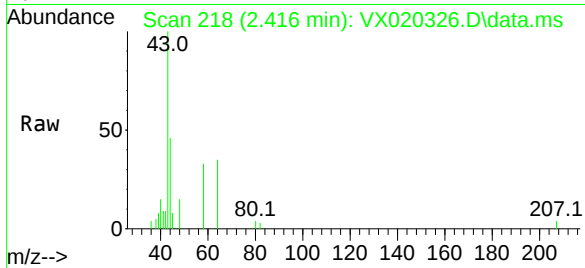




#16
Acetone
Concen: 2.09 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

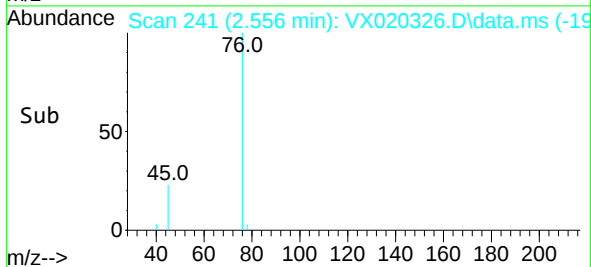
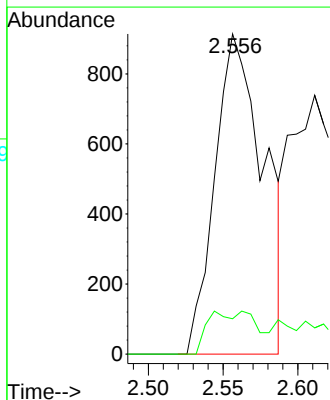
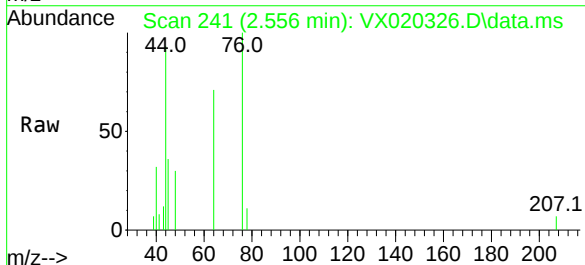
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

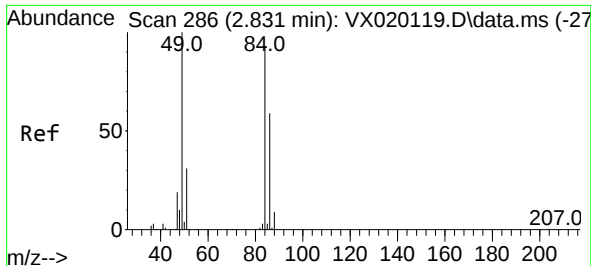
Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

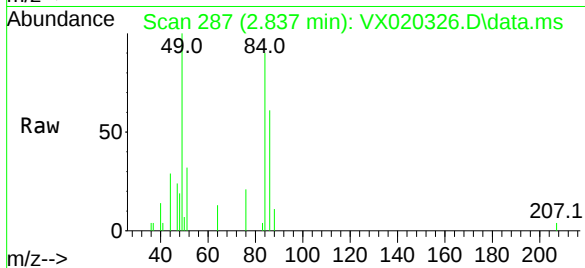
Tgt Ion: 76 Resp: 2071
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#



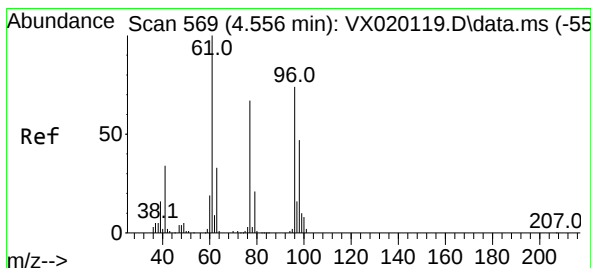
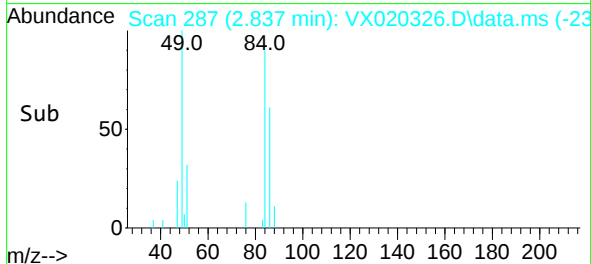
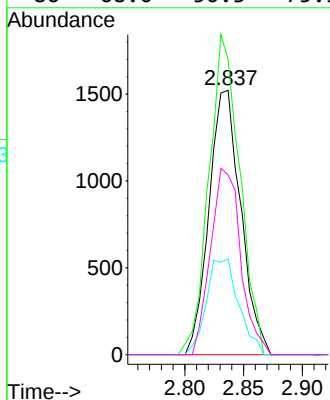


#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

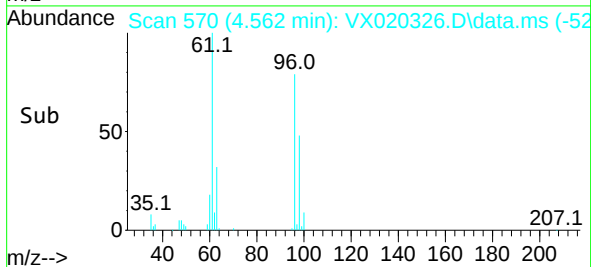
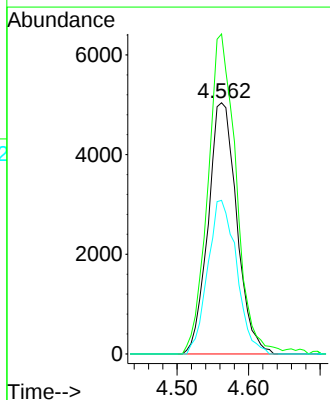
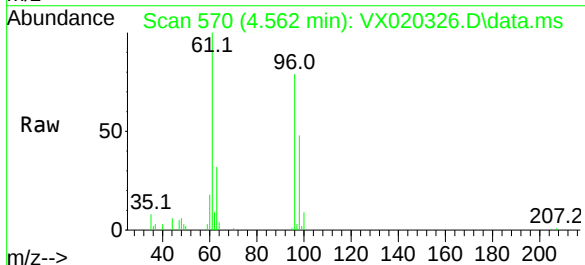


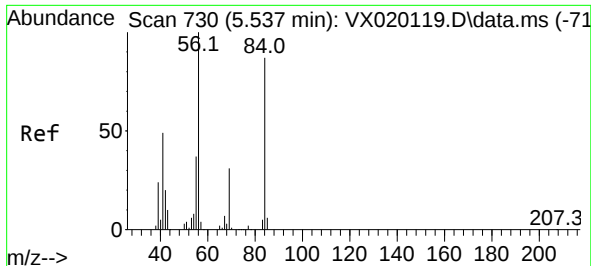
Tgt Ion: 84	Resp: 2867
Ion Ratio	Lower Upper
84 100	
49 111.7	88.6 132.8
51 36.2	27.0 40.6
86 68.0	50.3 75.5



#27
cis-1,2-Dichloroethene
Concen: 3.63 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

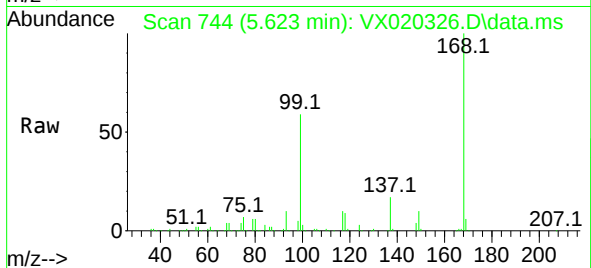
Tgt Ion: 96	Resp: 13992		
Ion Ratio	Lower	Upper	
96	100		
61	126.1	0.0	285.6
98	61.8	0.0	129.6



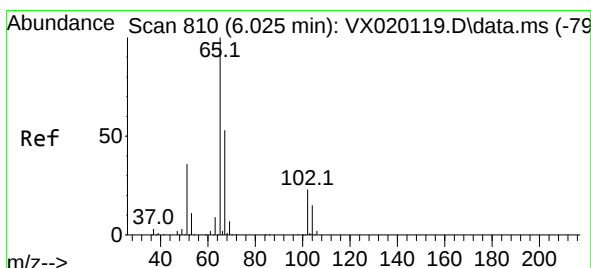
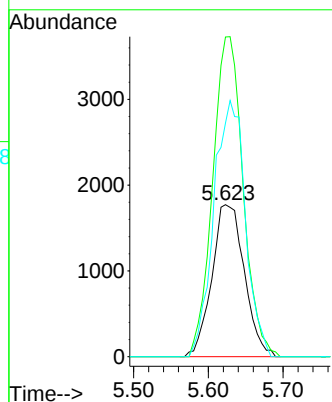
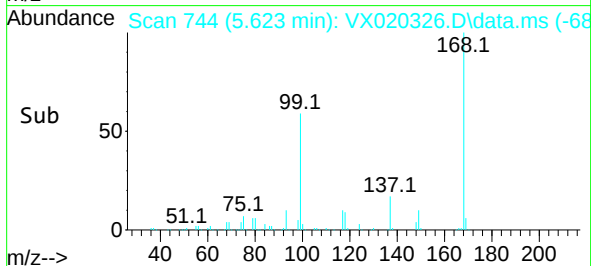


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

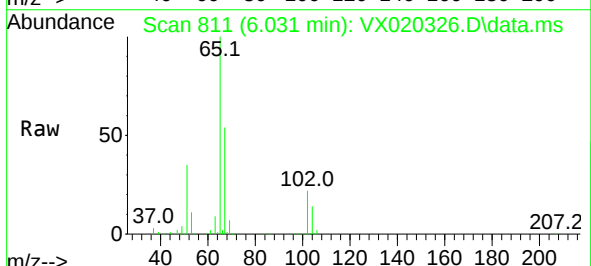
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



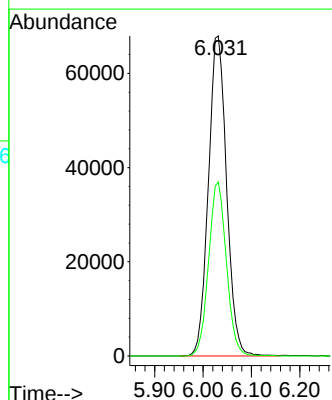
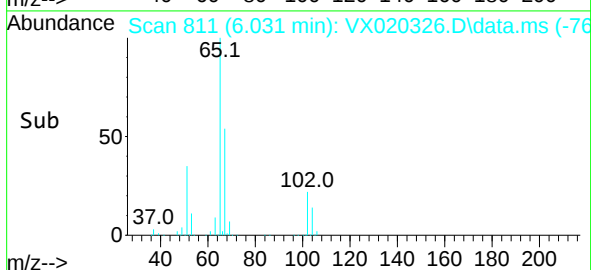
Tgt Ion: 56 Resp: 5347
Ion Ratio Lower Upper
56 100
69 210.2 25.3 37.9#
84 153.6 71.4 107.0#

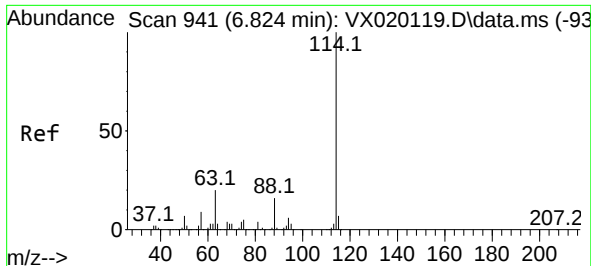


#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49



Tgt Ion: 65 Resp: 177533
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

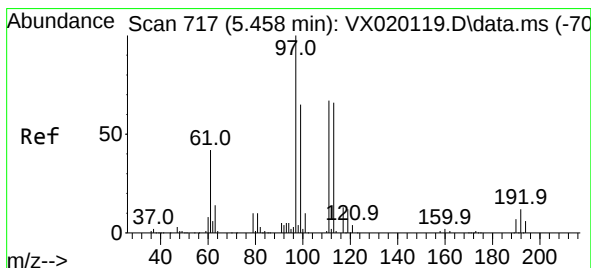
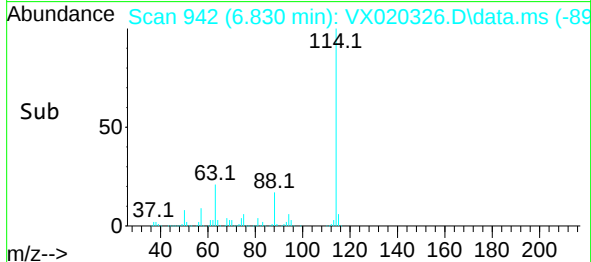
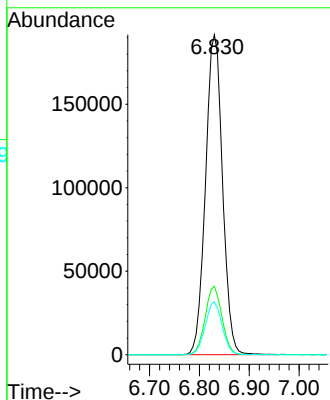
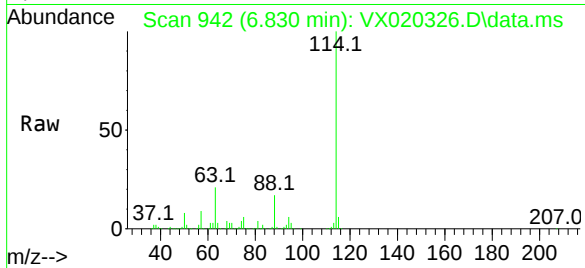




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

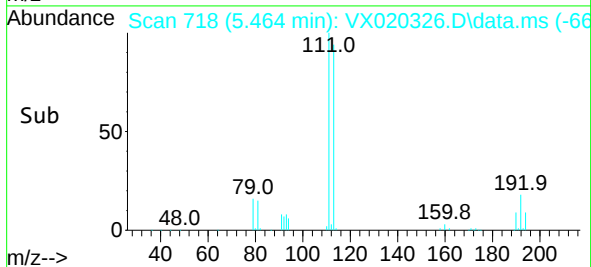
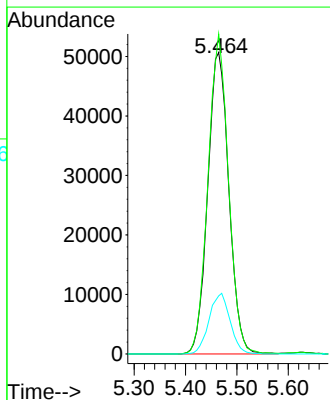
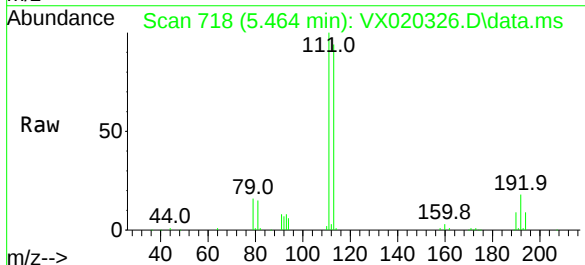
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

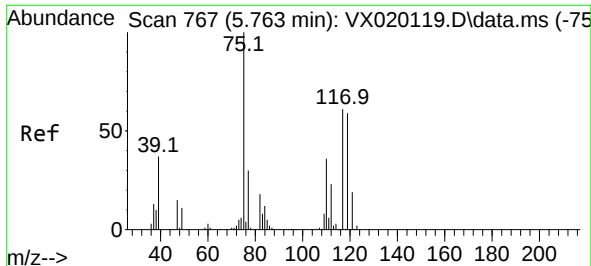
Tgt Ion:114 Resp: 453824
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.89 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion:113 Resp: 144838
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.77 ug/l

RT: 5.629 min Scan# 745

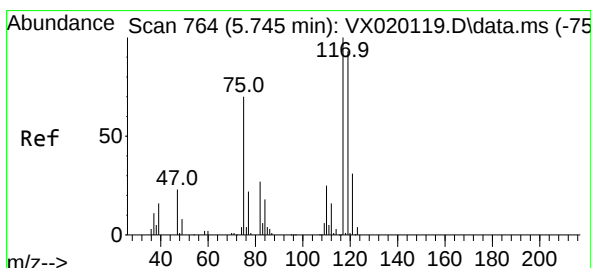
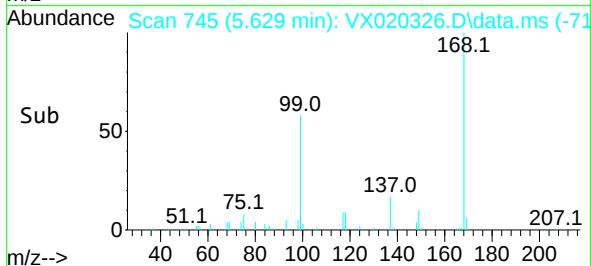
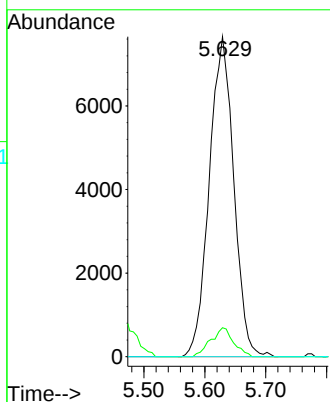
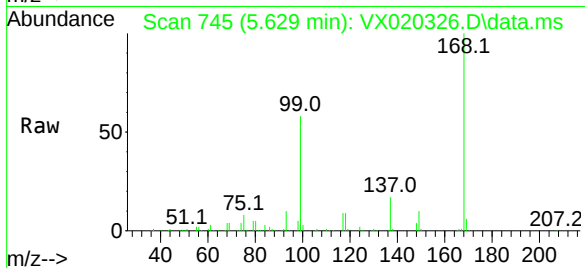
Delta R.T. -0.134 min

Lab File: VX020326.D

Acq: 23 Dec 2020 00:49

Tgt Ion:	75	Resp:	21388
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



#38

Carbon Tetrachloride

Concen: 6.37 ug/l

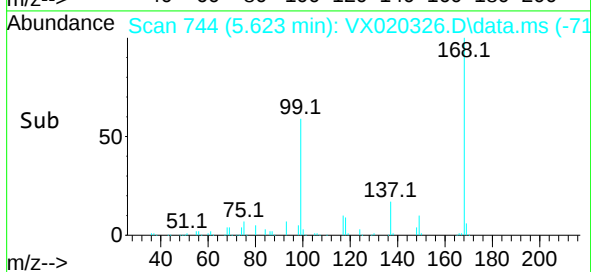
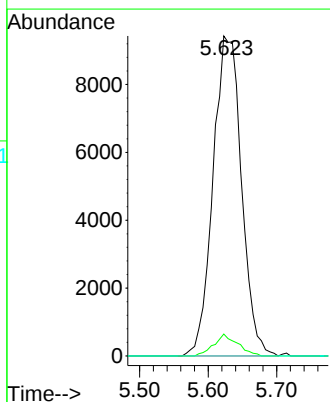
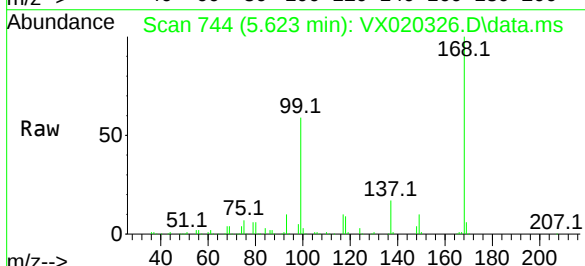
RT: 5.623 min Scan# 744

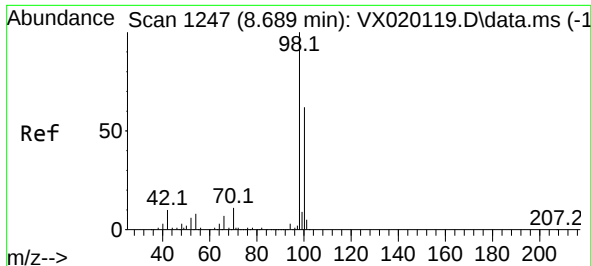
Delta R.T. -0.122 min

Lab File: VX020326.D

Acq: 23 Dec 2020 00:49

Tgt Ion:	117	Resp:	27164
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.2	114.2#
121	0.0	24.8	37.2#

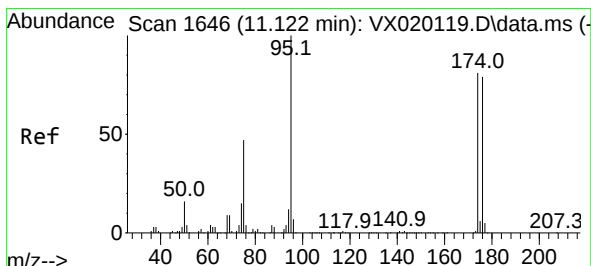
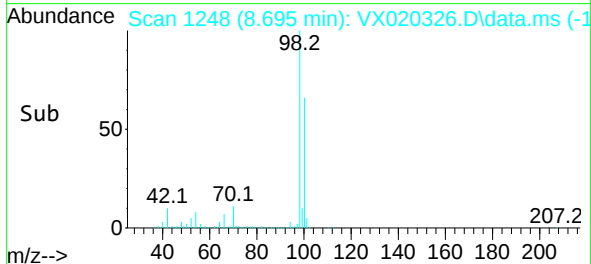
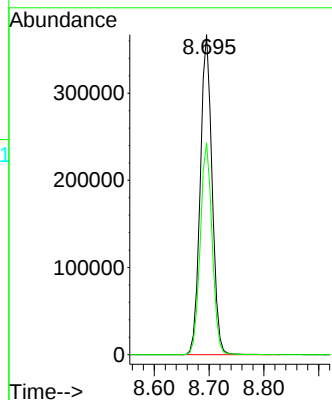
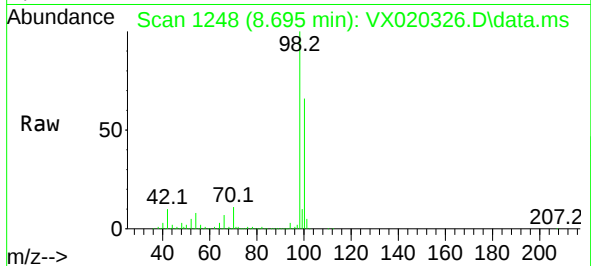




#50
Toluene-d8
Concen: 49.29 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

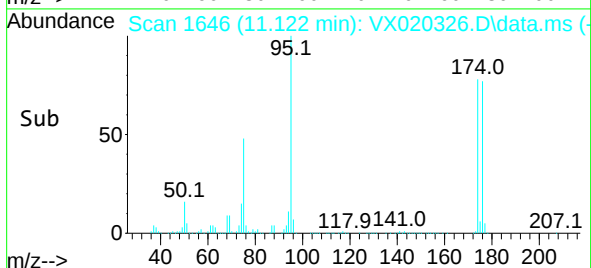
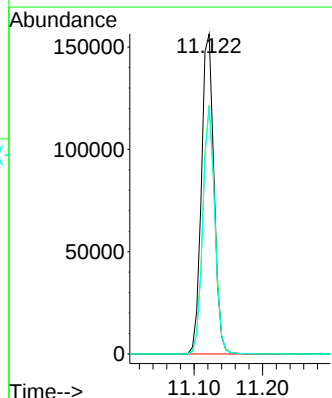
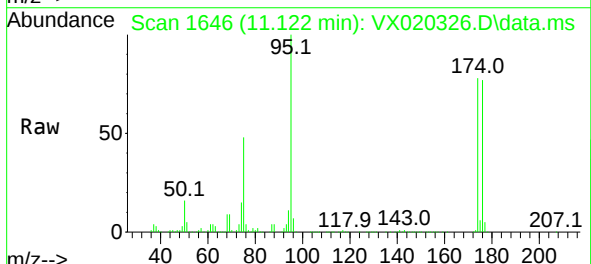
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

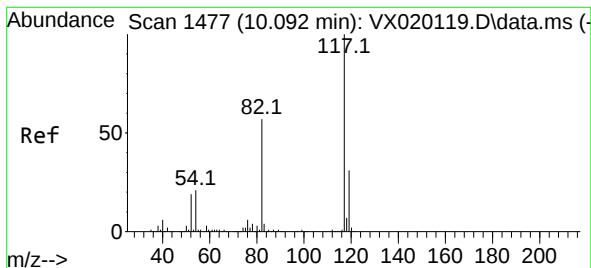
Tgt Ion: 98 Resp: 550853
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 95 Resp: 199359
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 73.9 0.0 155.8

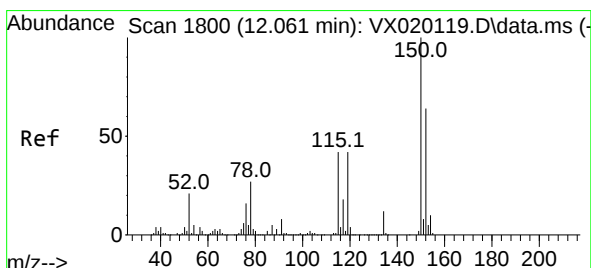
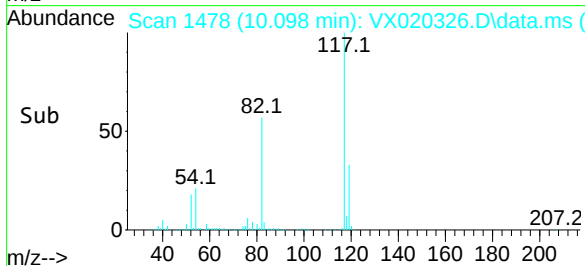
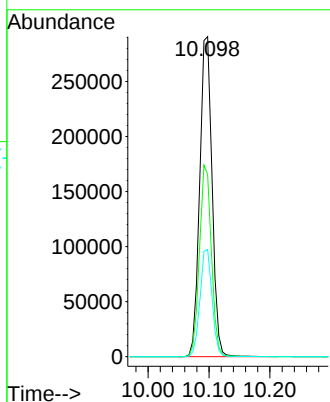
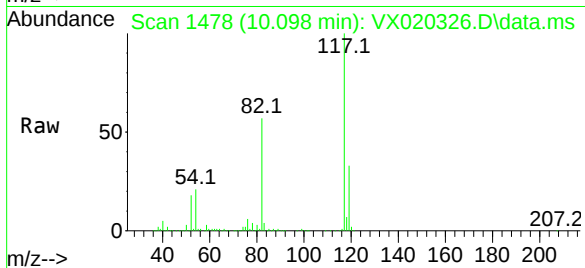




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

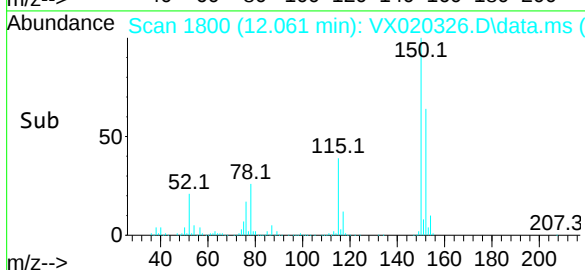
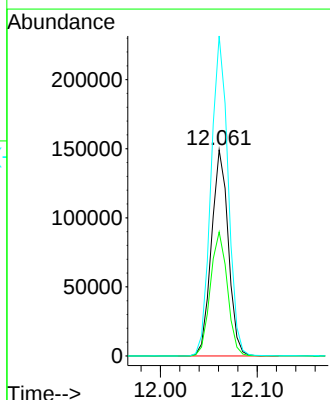
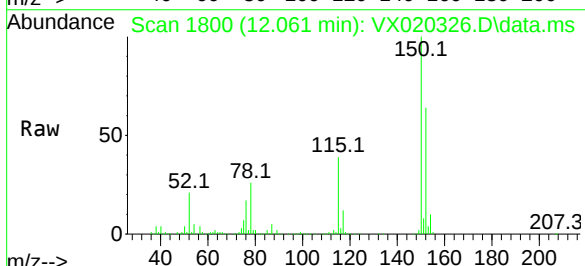
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

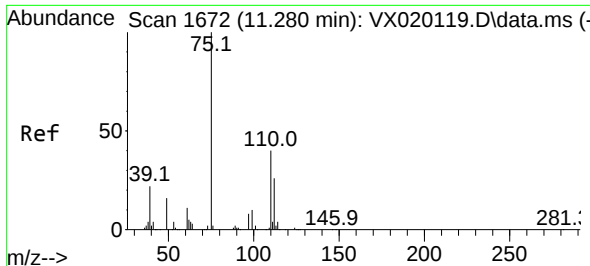
Tgt Ion:117 Resp: 410012
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion:152 Resp: 180268
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 157.2 0.0 349.0

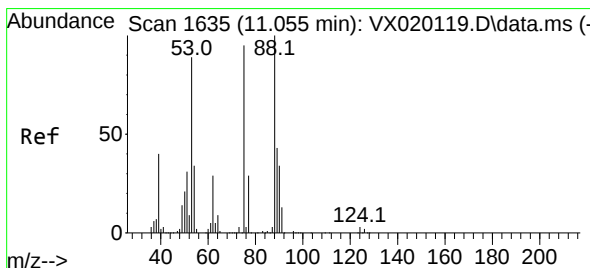
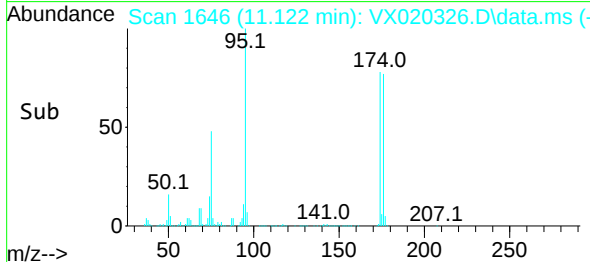
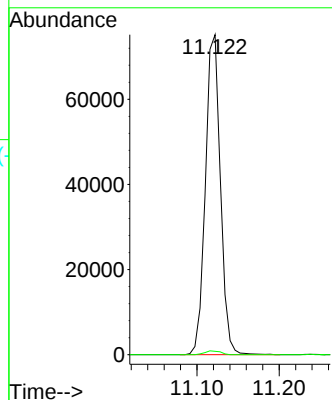
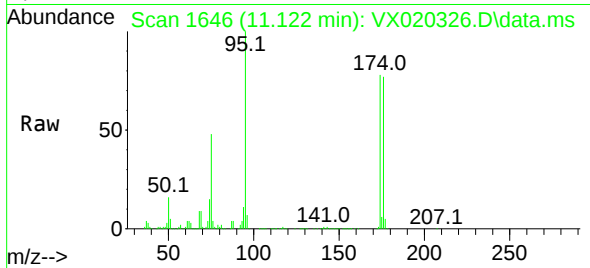




#76
1,2,3-Trichloropropane
Concen: 21.43 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 95161
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020326.D
Acq: 23 Dec 2020 00:49

Tgt Ion: 75 Resp: 95161
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

