

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020208.D
 Acq On : 20 Dec 2020 06:20
 Operator : JC/MD
 Sample : L5094-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW012(SBR)-121320

Quant Time: Dec 21 02:45:08 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	282493	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	486619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	455843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191695	50.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.24%
35) Dibromofluoromethane	5.464	113	153473	49.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.60%
50) Toluene-d8	8.696	98	592433	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%
62) 4-Bromofluorobenzene	11.122	95	208682	45.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.00%

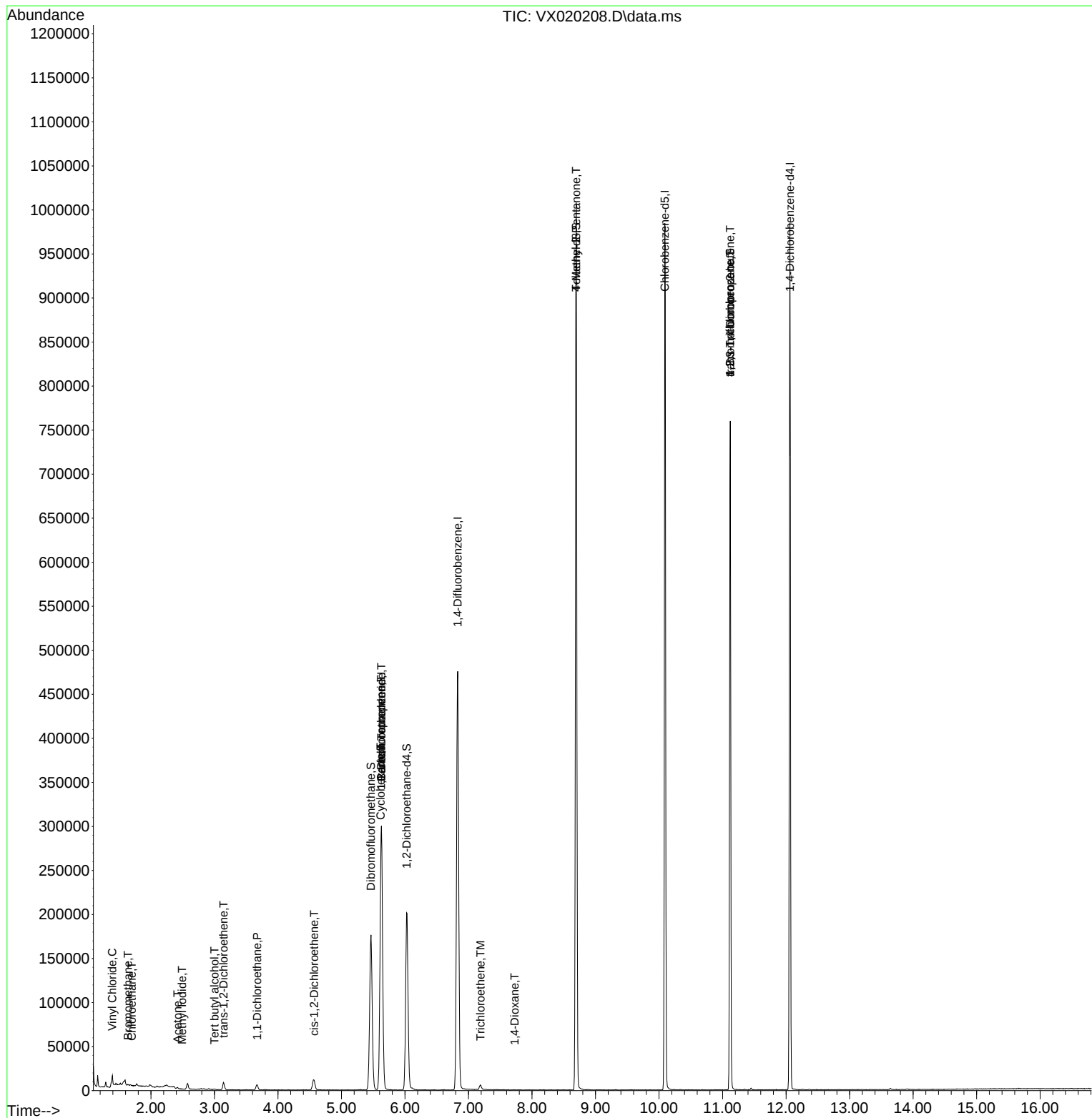
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	2230	0.58	ug/l #	43
5) Bromomethane	1.636	94	772	0.62	ug/l #	47
6) Chloroethane	1.697	64	656	0.27	ug/l #	43
10) Methyl Iodide	2.489	142	146	3.32	ug/l #	60
11) Tert butyl alcohol	3.001	59	652	0.77	ug/l #	73
16) Acetone	2.416	43	1597	0.92	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	3209	0.92	ug/l	99
24) 1,1-Dichloroethane	3.672	63	6475	1.05	ug/l	97
27) cis-1,2-Dichloroethene	4.568	96	7910	2.00	ug/l	92
31) Cyclohexane	5.617	56	5706	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21736	4.52	ug/l #	49
38) Carbon Tetrachloride	5.629	117	27849	6.09	ug/l #	17
44) Trichloroethene	7.190	130	2042	0.53	ug/l	93
49) 1,4-Dioxane	7.726	88	46	0.51	ug/l #	24
51) 4-Methyl-2-Pentanone	8.696	43	2552	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	101553	21.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101553	62.70	ug/l #	12

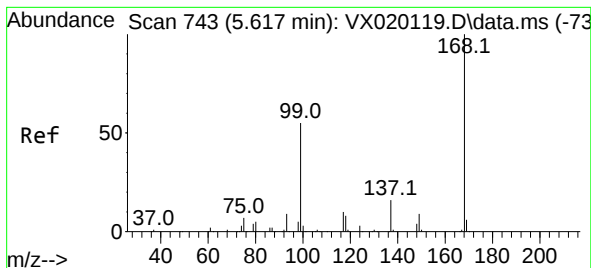
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX020208.D

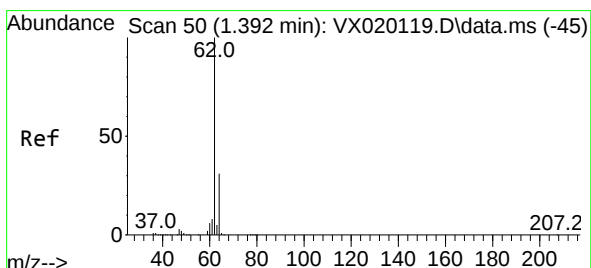
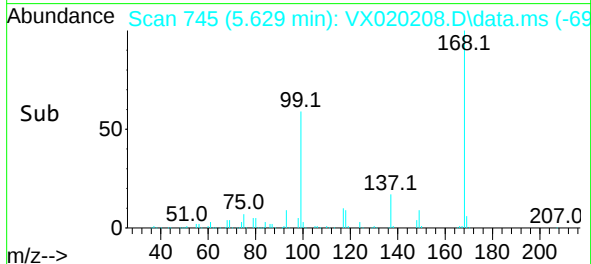
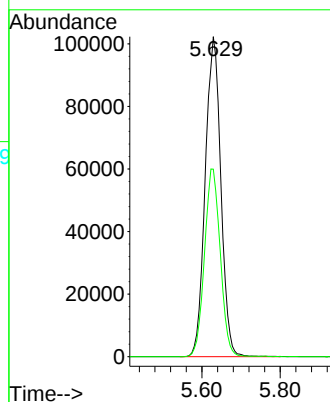
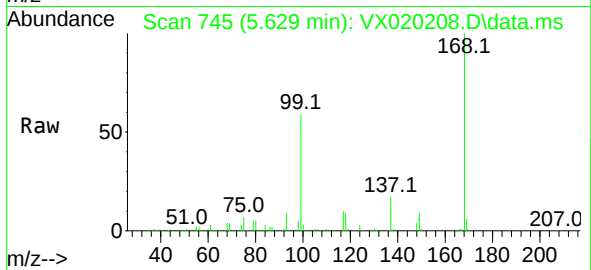
Acq: 20 Dec 2020 06:20

Tgt Ion:168 Resp: 282493

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.6



#4

Vinyl Chloride

Concen: 0.58 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX020208.D

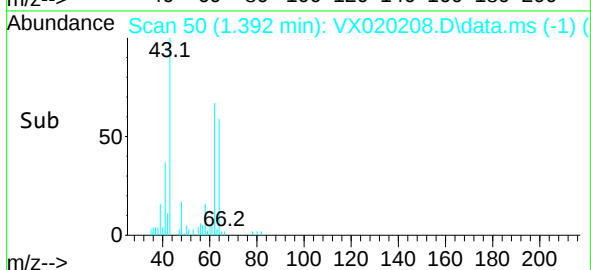
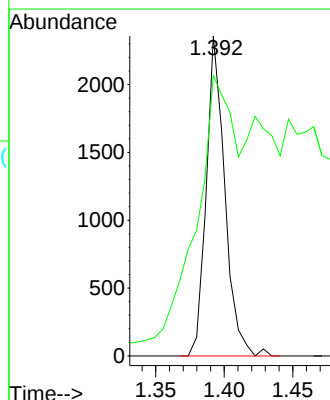
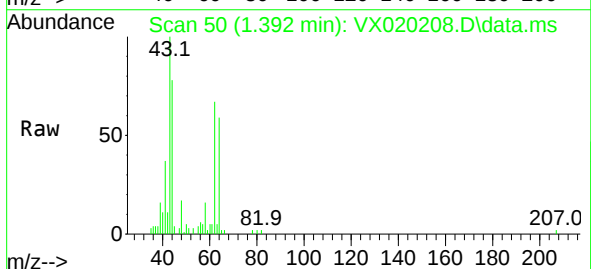
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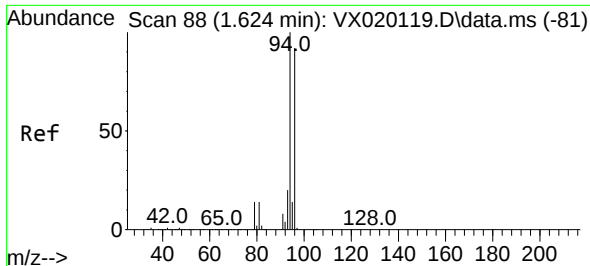
Tgt Ion: 62 Resp: 2230

Ion Ratio Lower Upper

62 100

64 64.0 25.7 38.5

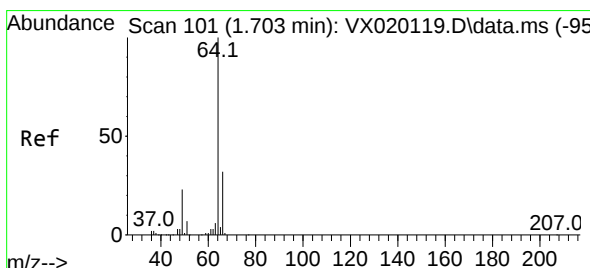
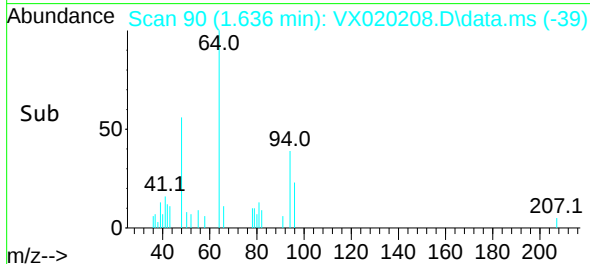
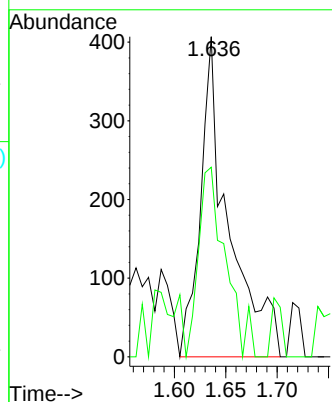
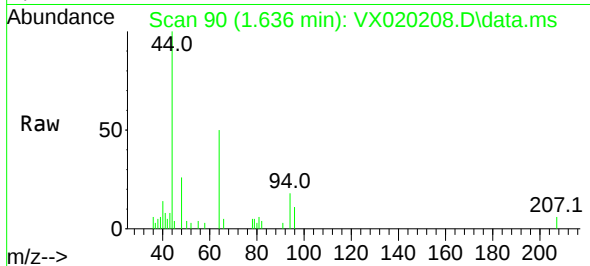




#5
Bromomethane
Concen: 0.62 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

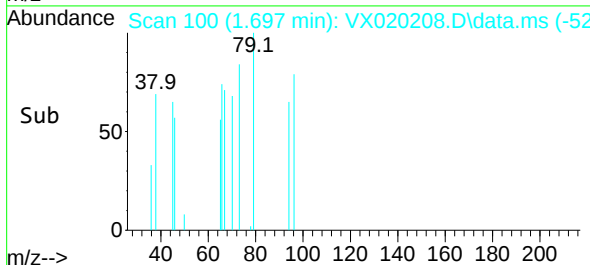
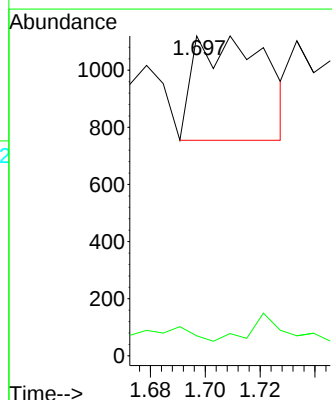
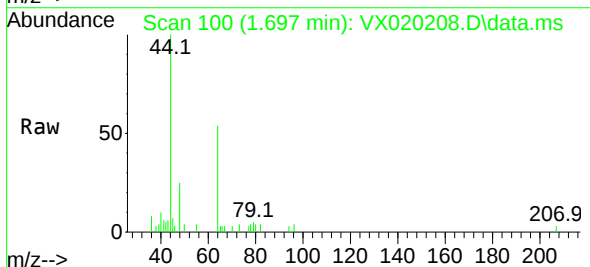
Instrument :
MSVOA_X
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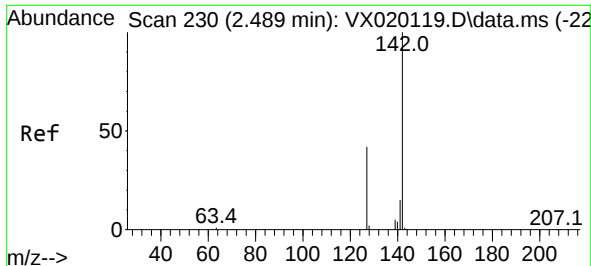
Tgt Ion: 94 Resp: 772
Ion Ratio Lower Upper
94 100
96 43.7 76.4 114.6#



#6
Chloroethane
Concen: 0.27 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 64 Resp: 656
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

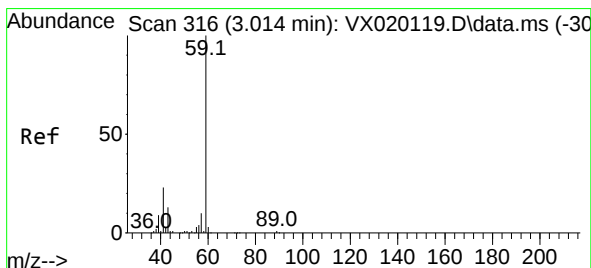
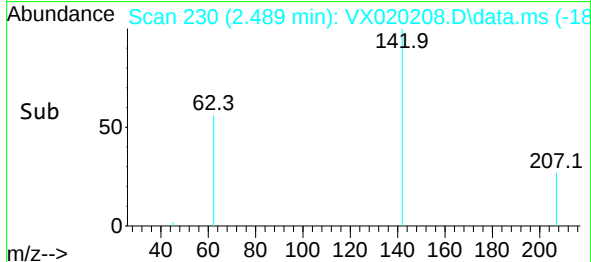
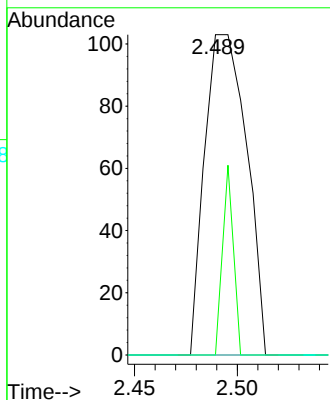
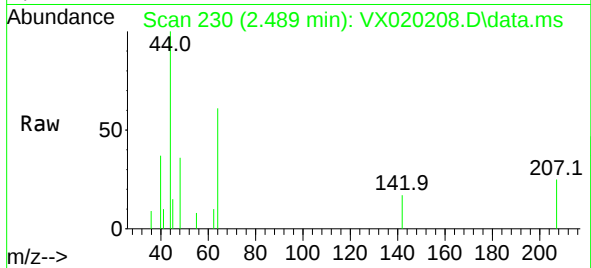




#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

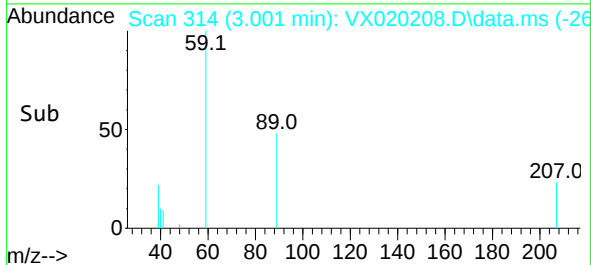
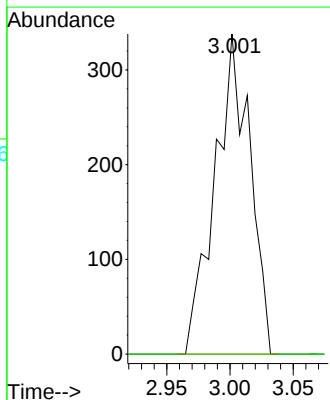
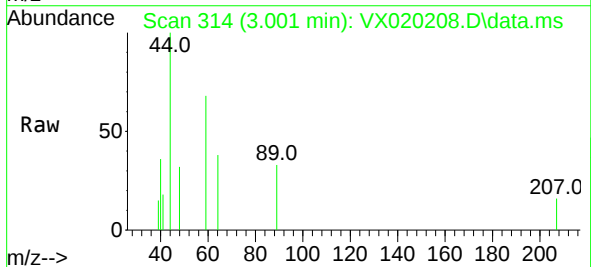
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 15.1 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.77 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 59 Resp: 652
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

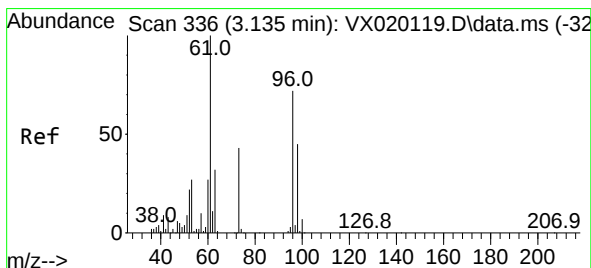
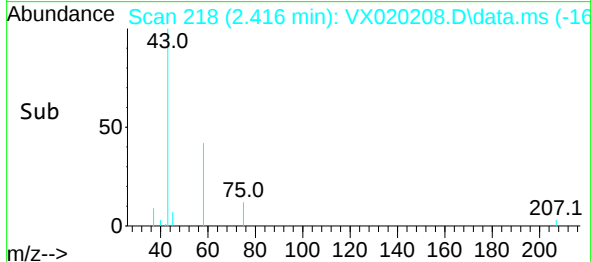
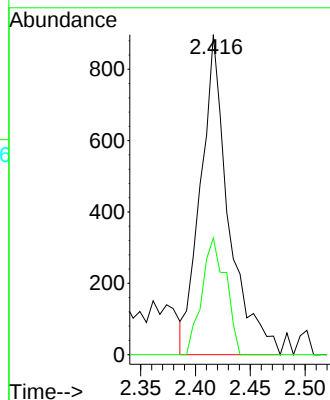
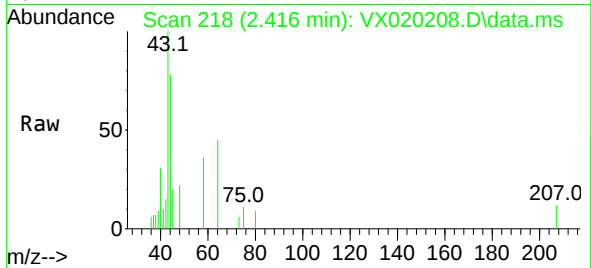




#16
Acetone
Concen: 0.92 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

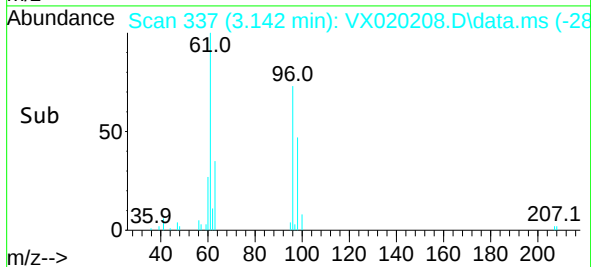
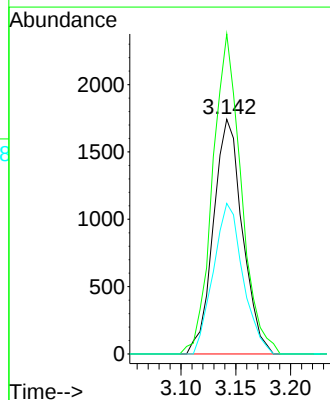
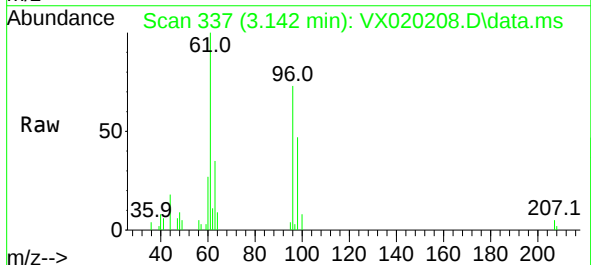
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

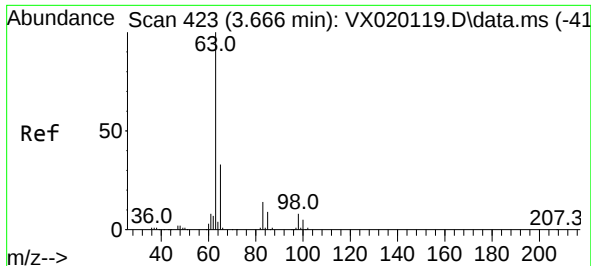
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 36.5 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

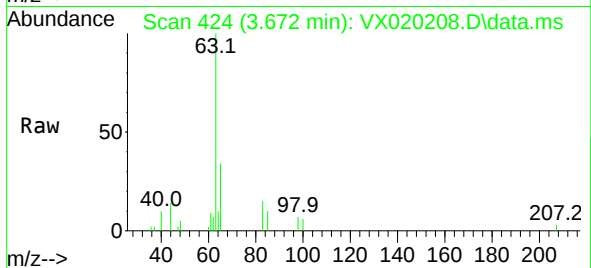
Tgt Ion: 96 Resp: 3209
Ion Ratio Lower Upper
96 100
61 136.3 107.7 161.5
98 64.1 50.4 75.6



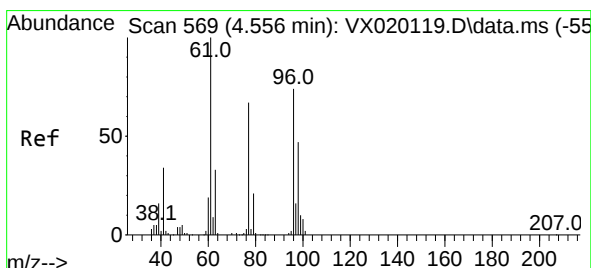
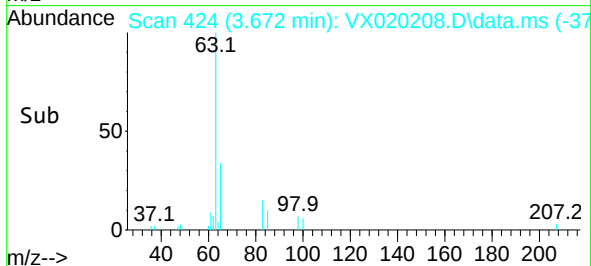
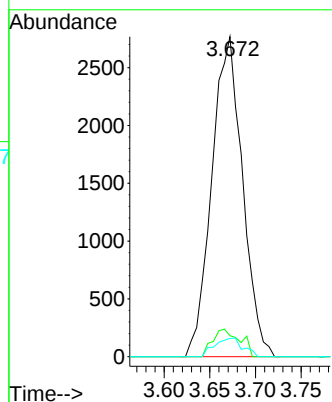


#24
1,1-Dichloroethane
Concen: 1.05 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

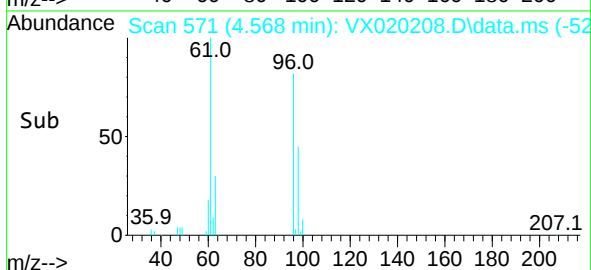
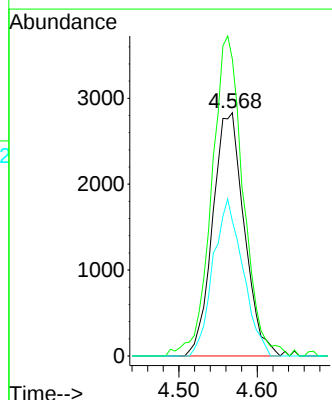
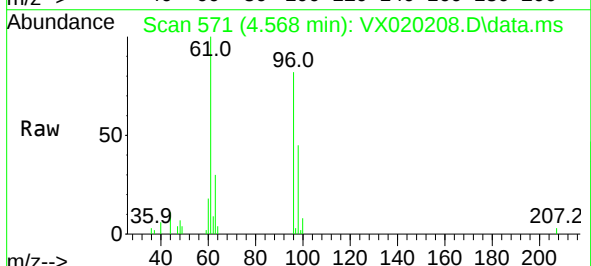


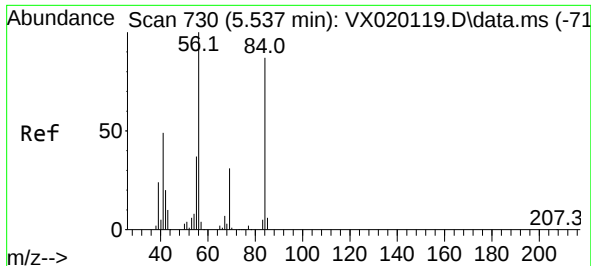
Tgt Ion: 63 Resp: 6475
Ion Ratio Lower Upper
63 100
98 6.5 3.8 11.2
100 5.7 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 2.00 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

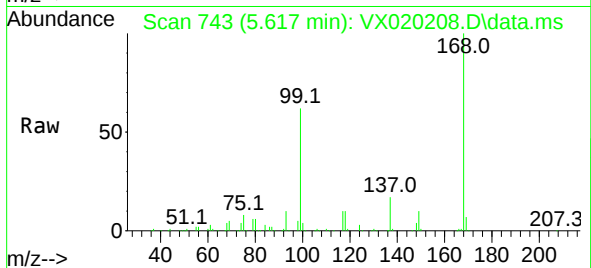
Tgt Ion: 96 Resp: 7910
Ion Ratio Lower Upper
96 100
61 131.3 0.0 285.6
98 61.0 0.0 129.6



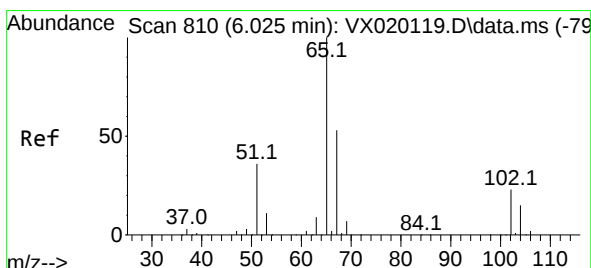
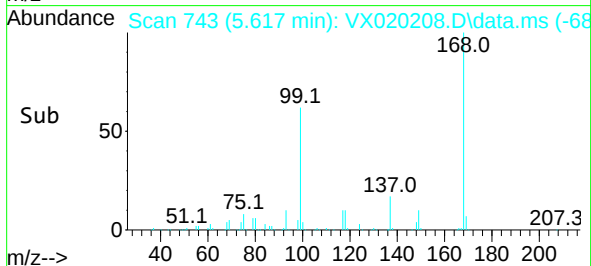
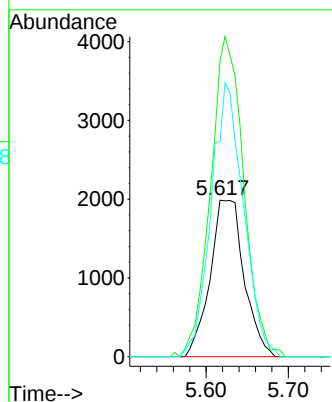


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

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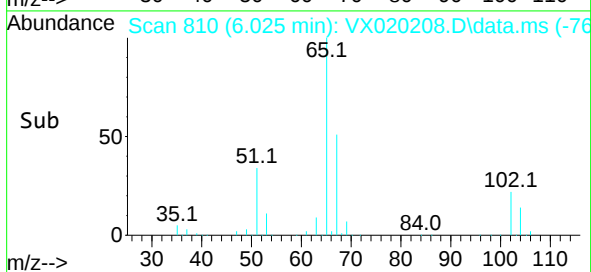
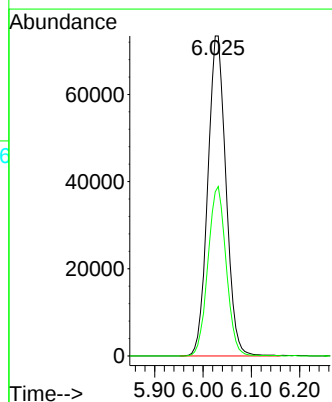
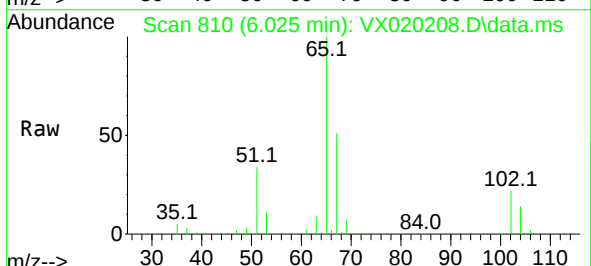


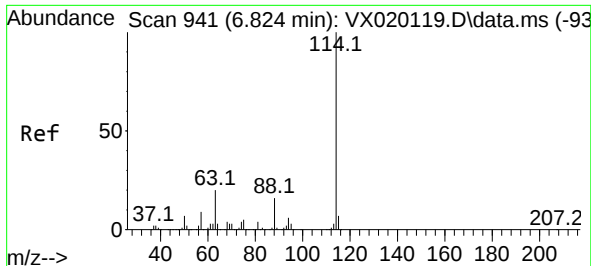
Tgt Ion: 56 Resp: 5706
Ion Ratio Lower Upper
56 100
69 189.2 25.3 37.9#
84 137.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

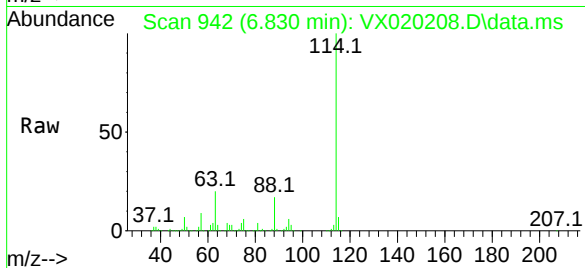
Tgt Ion: 65 Resp: 191695
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



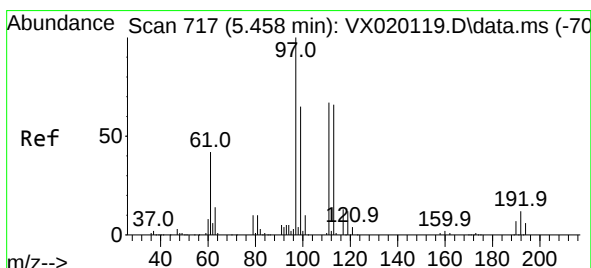
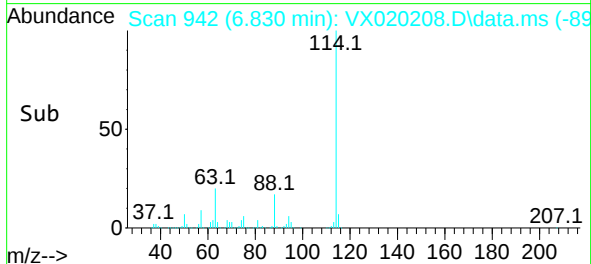
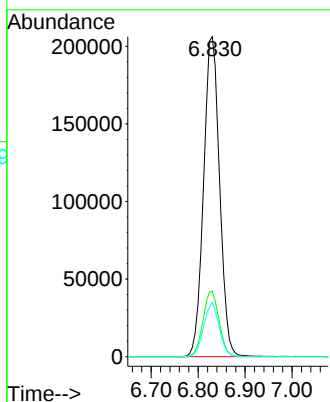


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Instrument :
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49-MW012(SBR)-121320

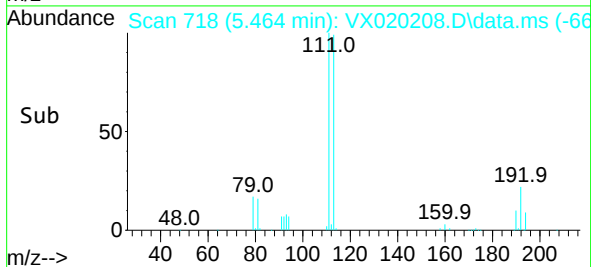
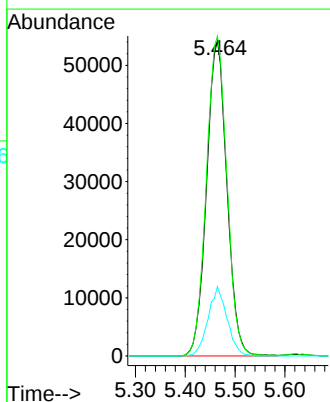
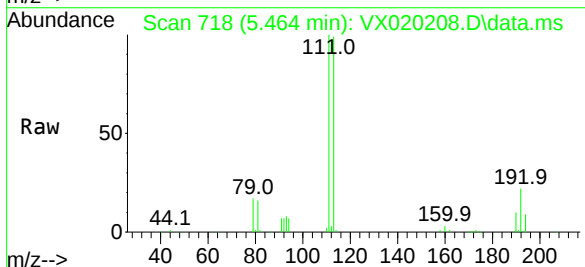


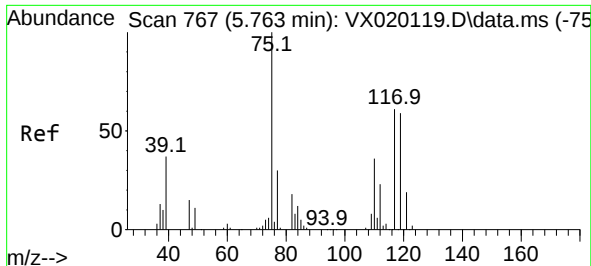
Tgt Ion:114 Resp: 486619
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion:113 Resp: 153473
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.5 16.7 25.1

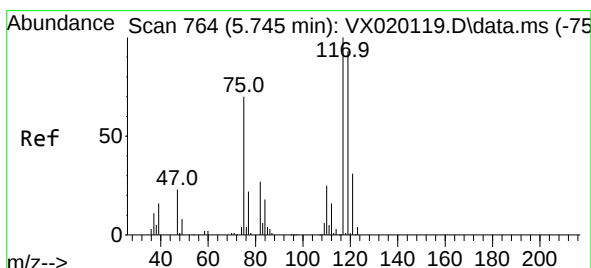
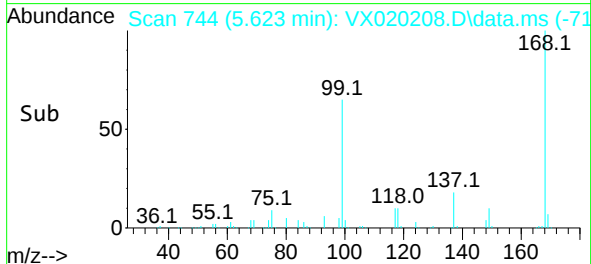
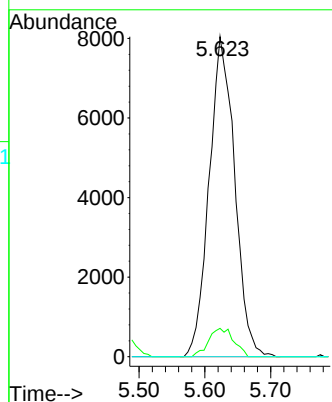
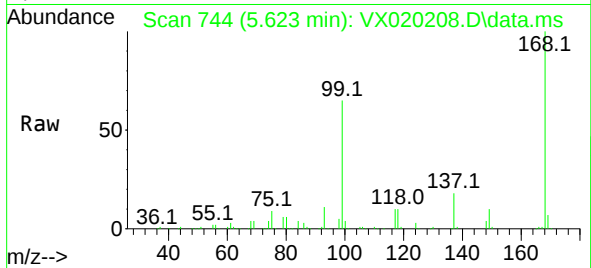




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

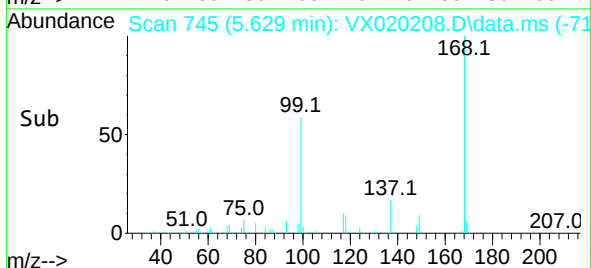
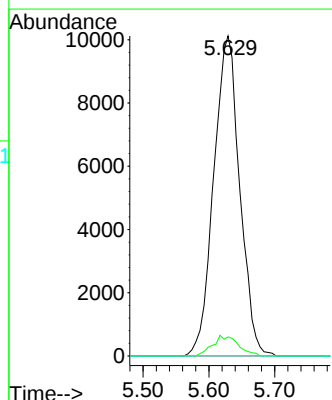
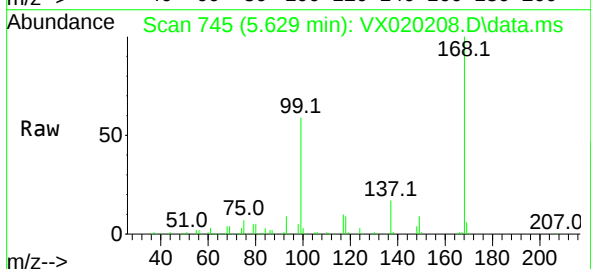
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

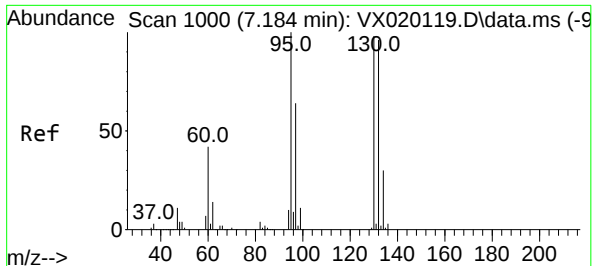
Tgt Ion: 75 Resp: 21736
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 117 Resp: 27849
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

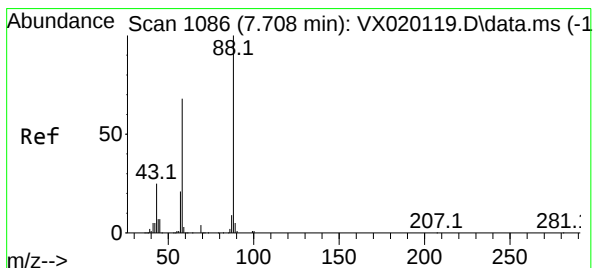
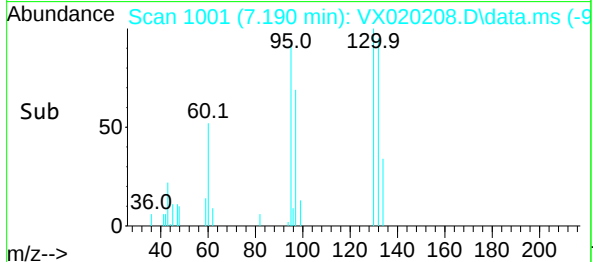
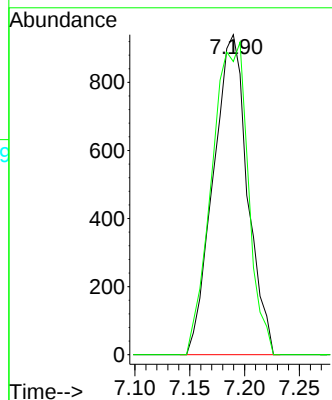
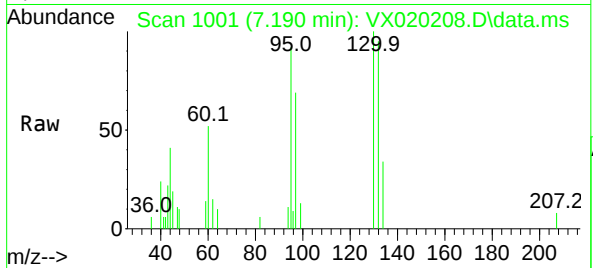




#44
Trichloroethene
Concen: 0.53 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

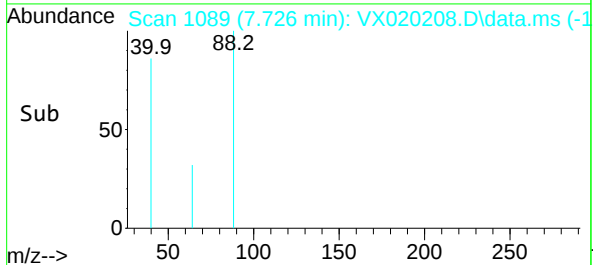
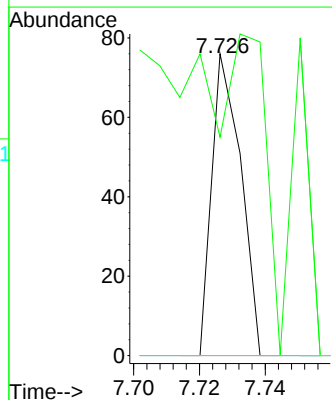
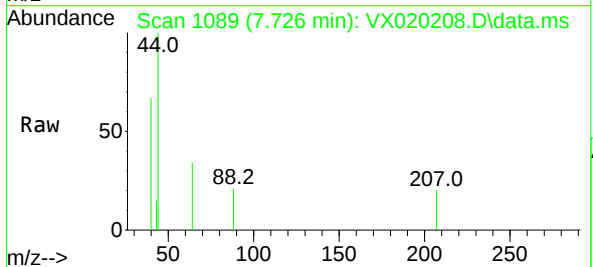
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

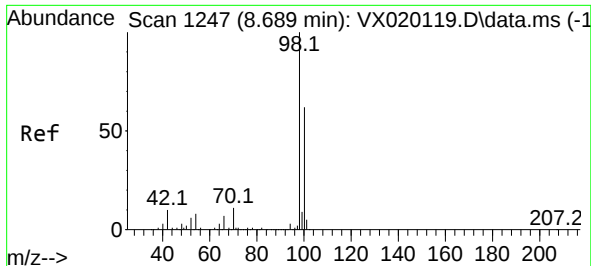
Tgt Ion:130 Resp: 2042
Ion Ratio Lower Upper
130 100
95 91.6 0.0 198.0



#49
1,4-Dioxane
Concen: 0.51 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

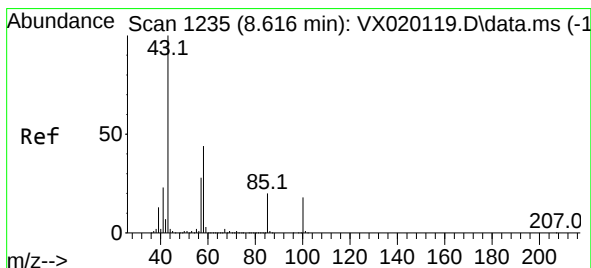
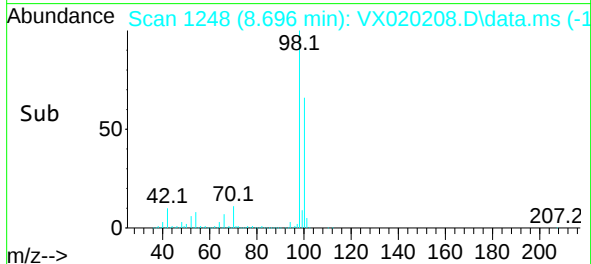
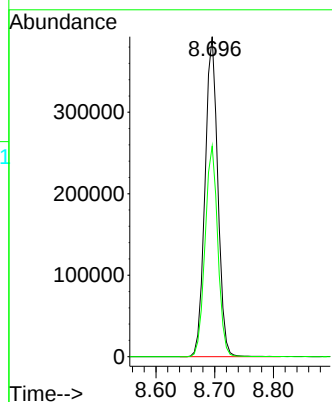
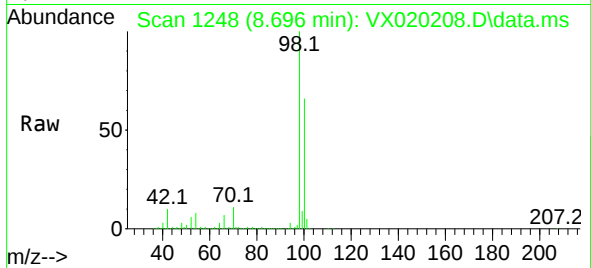




#50
Toluene-d8
Concen: 49.44 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

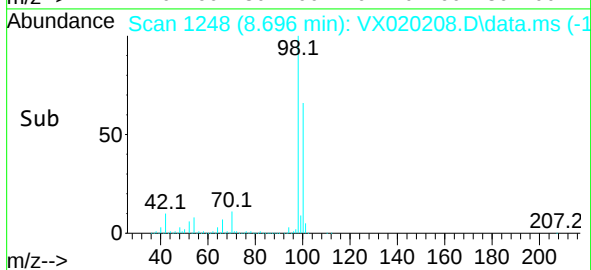
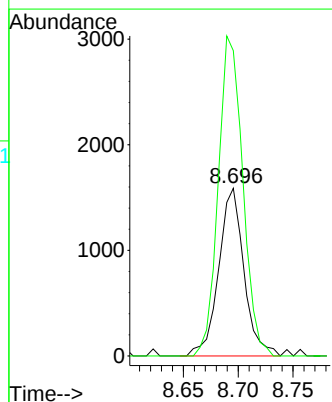
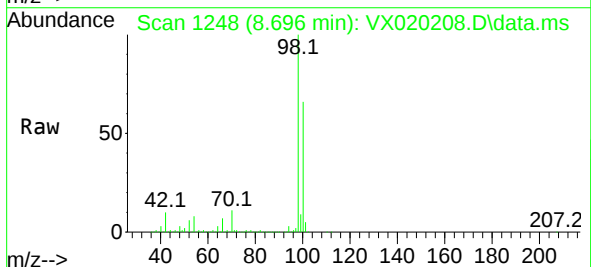
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

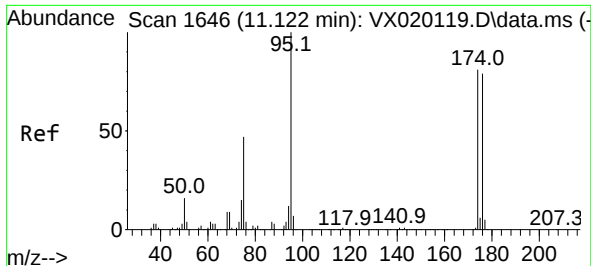
Tgt Ion: 98 Resp: 592433
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 184.8 35.4 53.0#

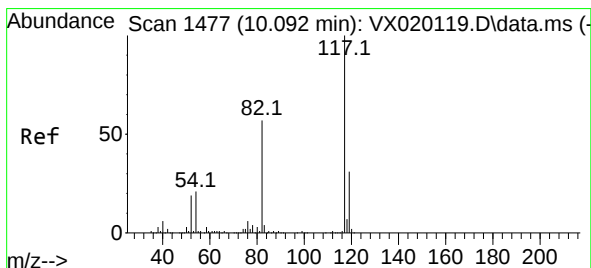
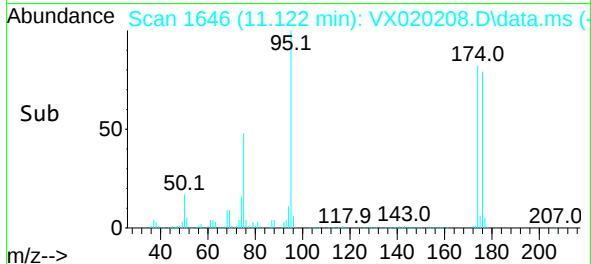
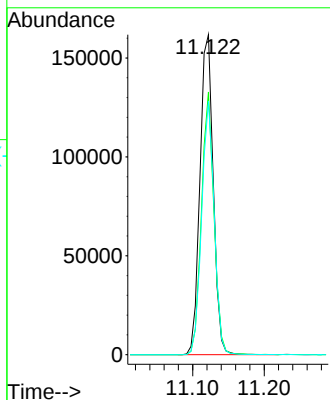
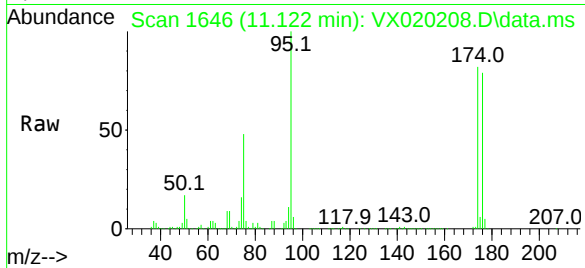




#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

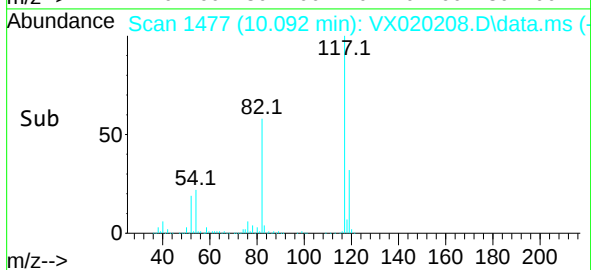
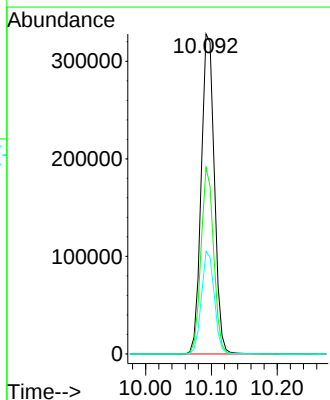
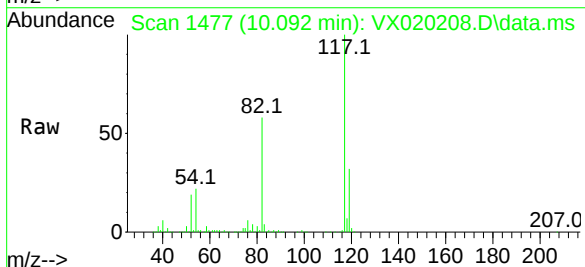
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

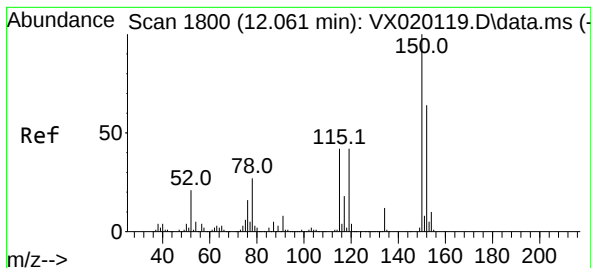
Tgt Ion: 95 Resp: 208682
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

Tgt Ion: 117 Resp: 455843
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.1 26.6 39.8

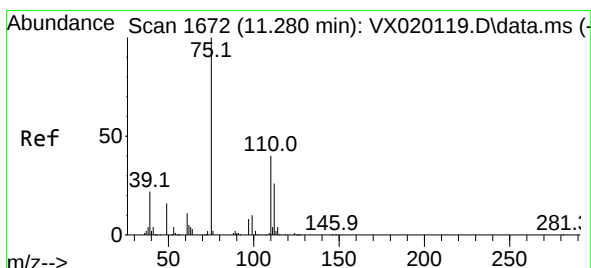
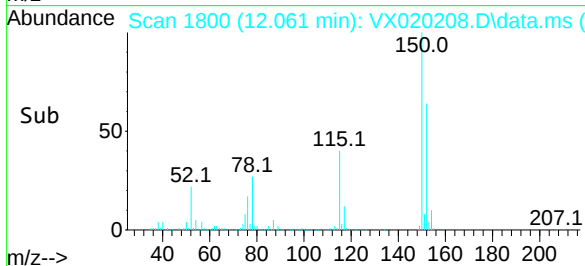
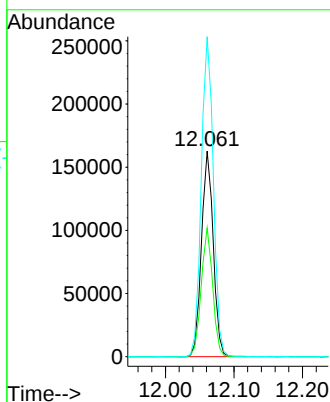
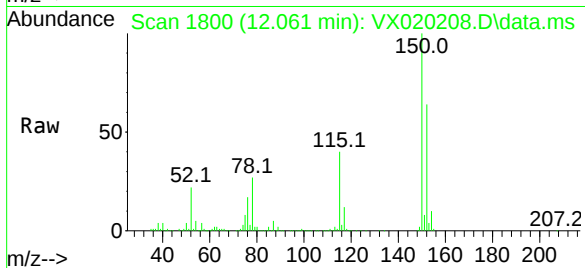




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

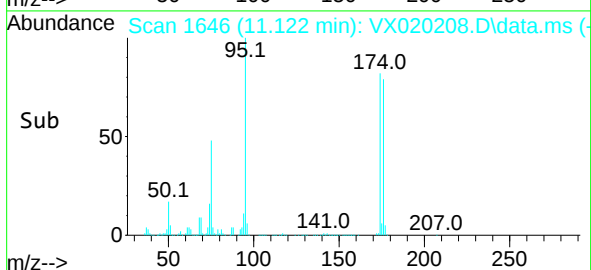
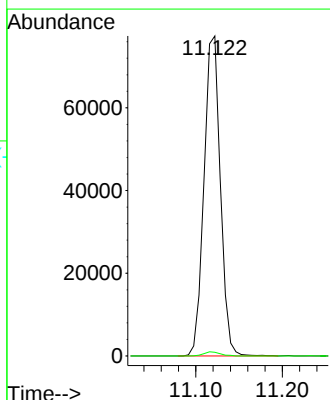
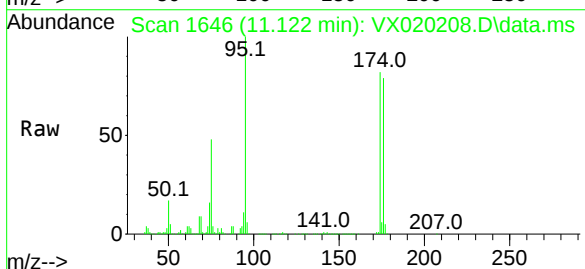
Instrument :
MSVOA_X
ClientSampleId :
49-MW012(SBR)-121320

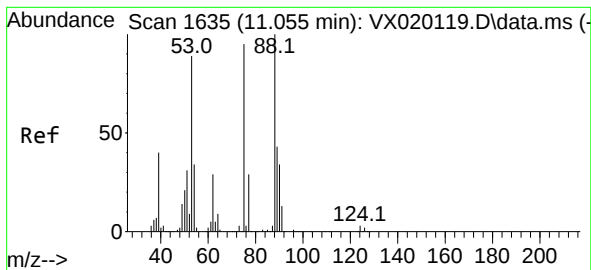
Tgt Ion:152 Resp: 195069
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 159.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020208.D
Acq: 20 Dec 2020 06:20

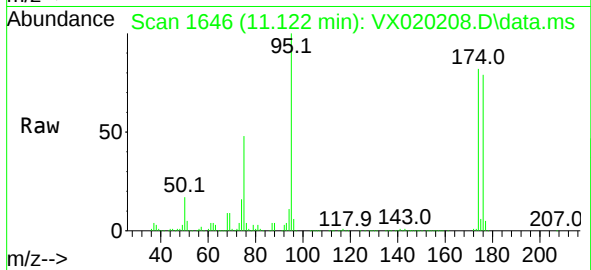
Tgt Ion: 75 Resp: 101553
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.70 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020208.D
 Acq: 20 Dec 2020 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW012(SBR)-121320



Tgt Ion: 75 Resp: 101553
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

