

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020434.D
 Acq On : 29 Dec 2020 15:09
 Operator : JC/MD
 Sample : L5236-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1015-MW-01(23)

Quant Time: Dec 30 02:37:25 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	242542	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	400607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	375131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	160772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	147575	45.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.78%
35) Dibromofluoromethane	5.464	113	124006	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%
50) Toluene-d8	8.695	98	486321	49.30	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.60%
62) 4-Bromofluorobenzene	11.122	95	173669	46.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.00%

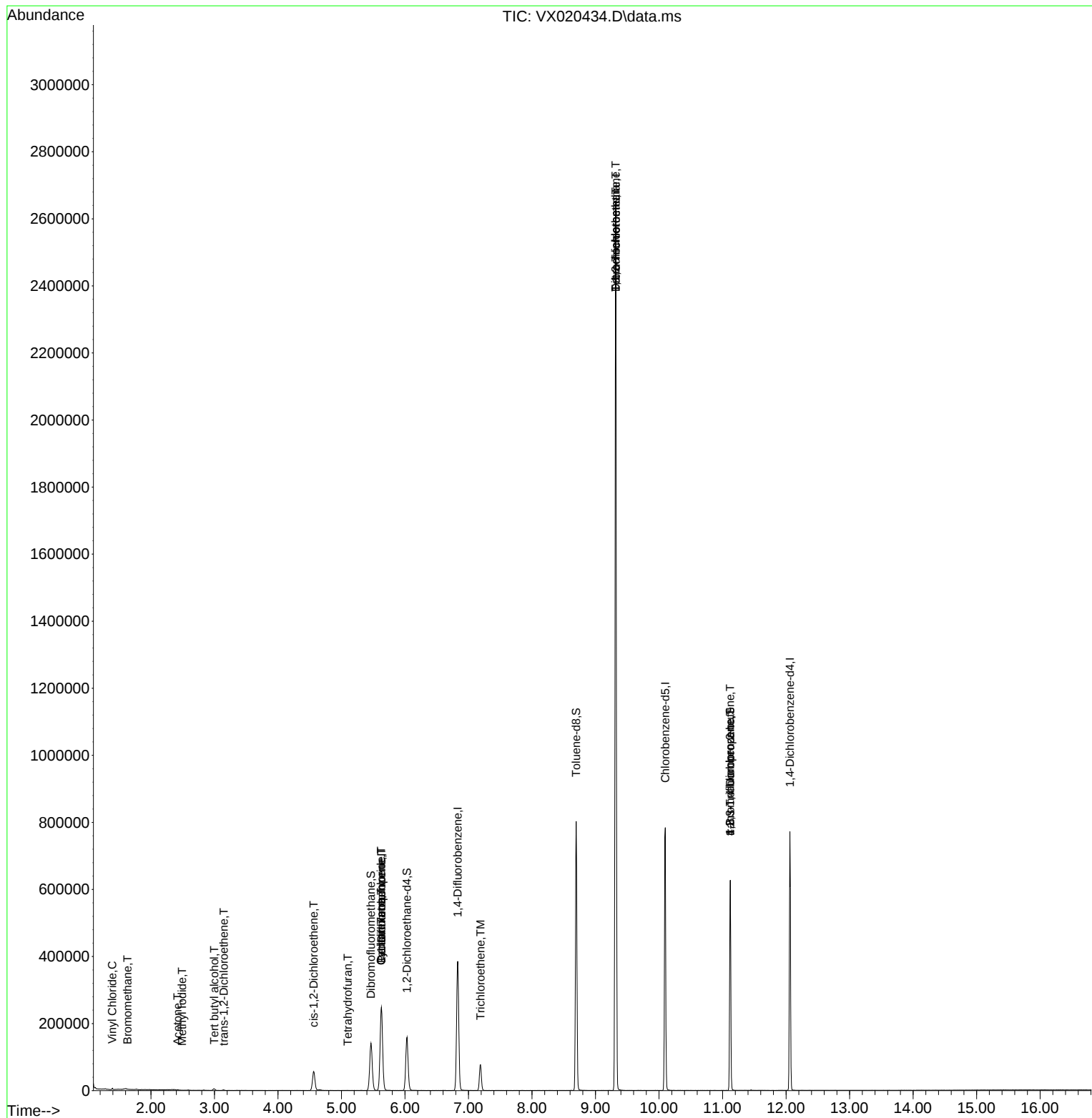
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1541	0.46	ug/l	93
5) Bromomethane	1.629	94	602	0.56	ug/l	98
10) Methyl Iodide	2.489	142	232	3.35	ug/l #	52
11) Tert butyl alcohol	2.995	59	3037	4.17	ug/l #	73
16) Acetone	2.416	43	1188	0.80	ug/l #	77
21) trans-1,2-Dichloroethene	3.147	96	740	0.25	ug/l #	75
27) cis-1,2-Dichloroethene	4.562	96	37797	11.14	ug/l	91
29) Tetrahydrofuran	5.098	42	291	0.21	ug/l #	27
31) Cyclohexane	5.623	56	4359	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18019	4.55	ug/l #	48
38) Carbon Tetrachloride	5.623	117	23395	6.21	ug/l #	18
44) Trichloroethene	7.189	130	31229	9.80	ug/l	97
55) 1,1,2-Trichloroethane	9.317	97	4090	1.32	ug/l #	1
60) Dibromochloromethane	9.317	129	482790	156.85	ug/l #	11
64) Tetrachloroethene	9.317	164	507661	179.61	ug/l	96
76) 1,2,3-Trichloropropane	11.122	75	80296	20.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	80296	60.15	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
Data File : VX020434.D
Acq On : 29 Dec 2020 15:09
Operator : JC/MD
Sample : L5236-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

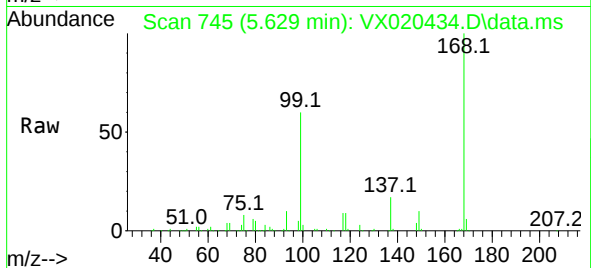
Quant Time: Dec 30 02:37:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



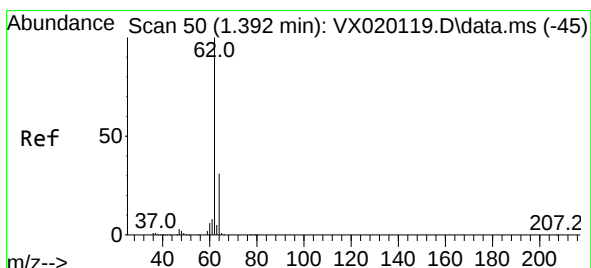
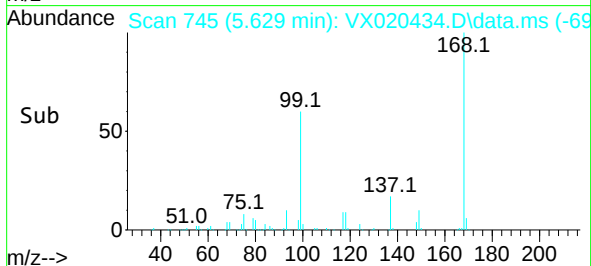
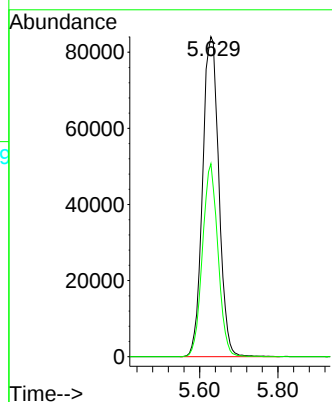


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

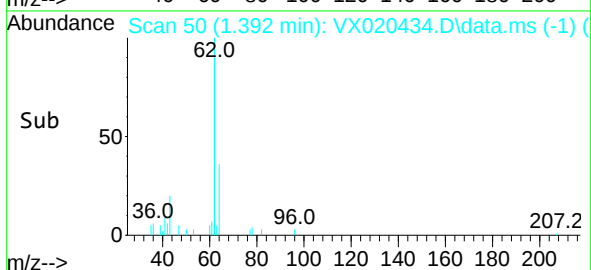
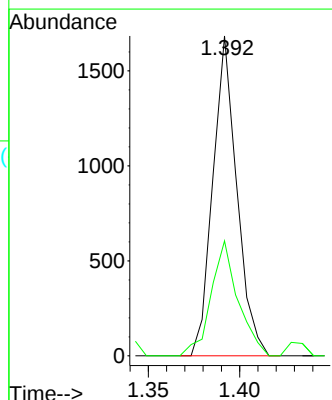
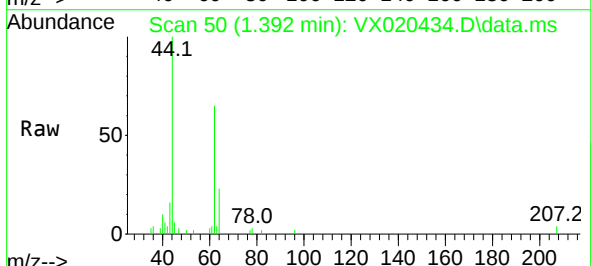


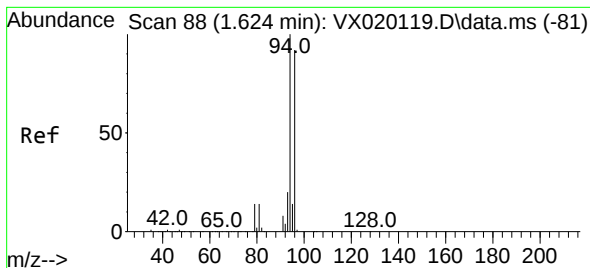
Tgt Ion:168 Resp: 242542
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#4
Vinyl Chloride
Concen: 0.46 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion: 62 Resp: 1541
Ion Ratio Lower Upper
62 100
64 35.9 25.7 38.5

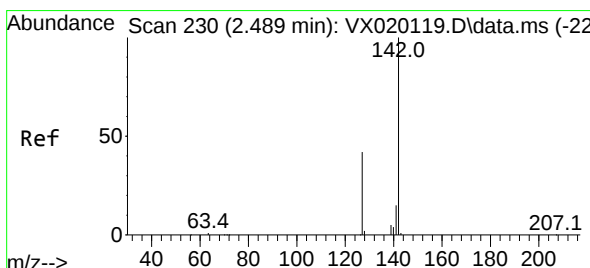
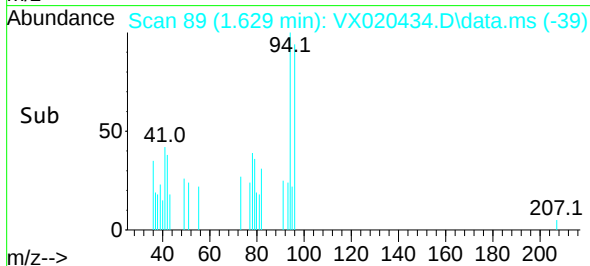
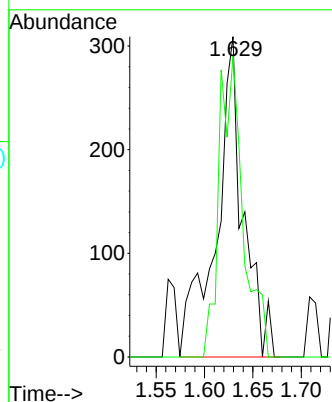
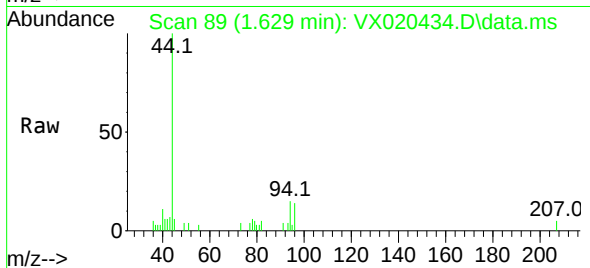




#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

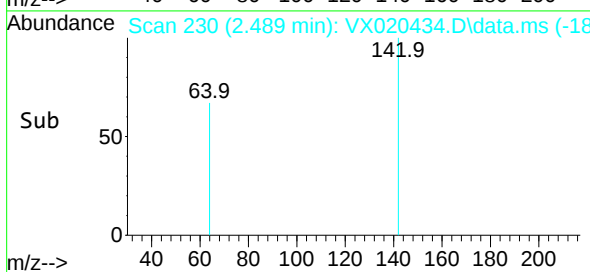
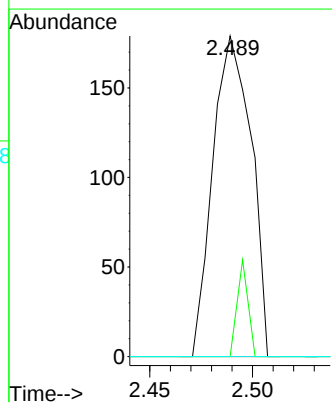
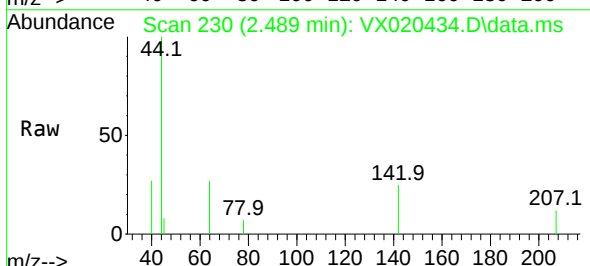
Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

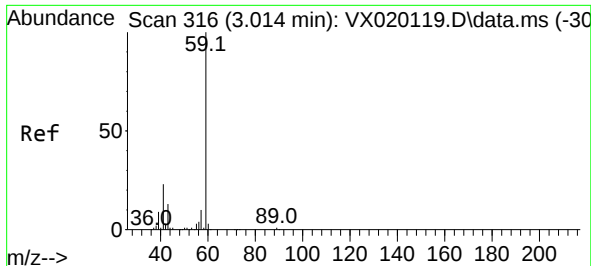
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 93.9 76.4 114.6



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion: 142 Resp: 232
Ion Ratio Lower Upper
142 100
127 8.6 33.3 49.9#
141 0.0 11.4 17.0#



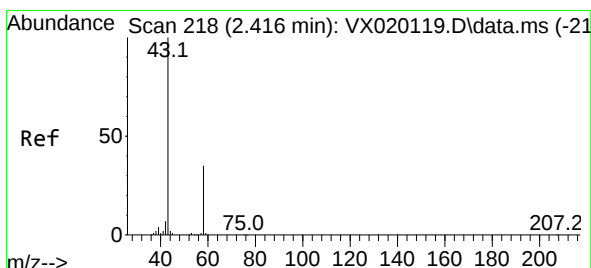
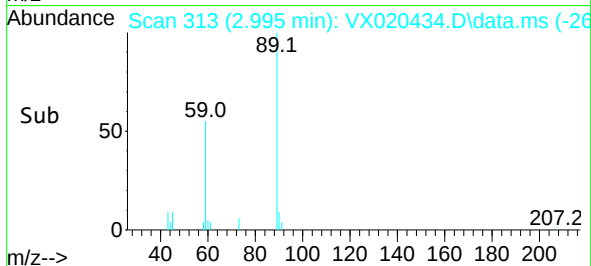
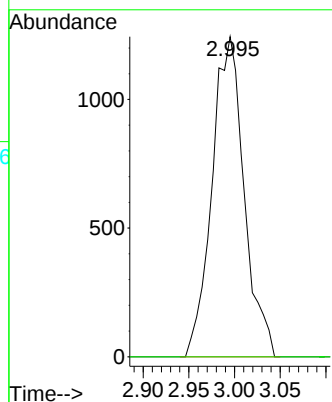
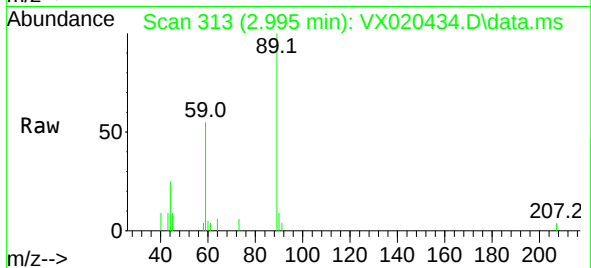


#11

Tert butyl alcohol
Concen: 4.17 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

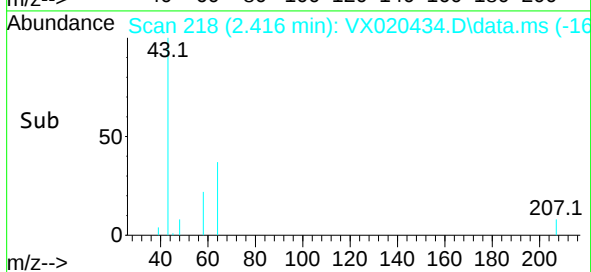
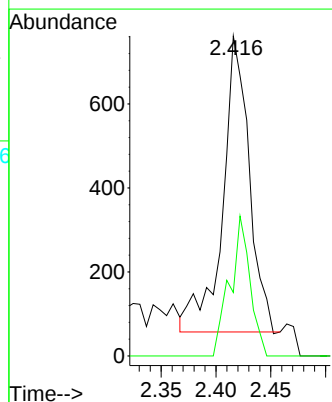
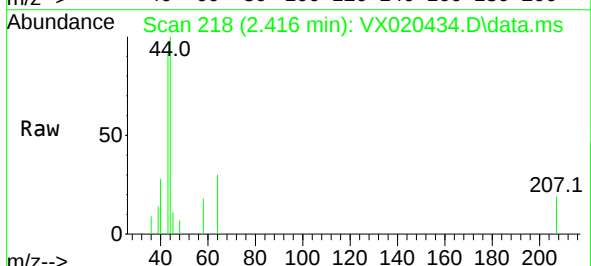
Tgt Ion: 59 Resp: 3037
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

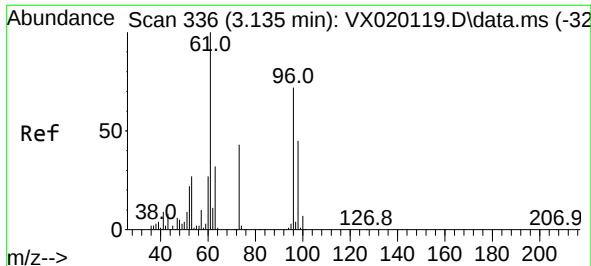


#16

Acetone
Concen: 0.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

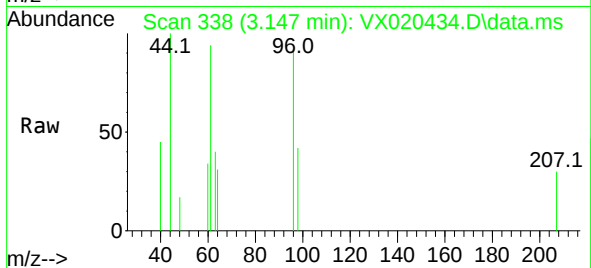
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#



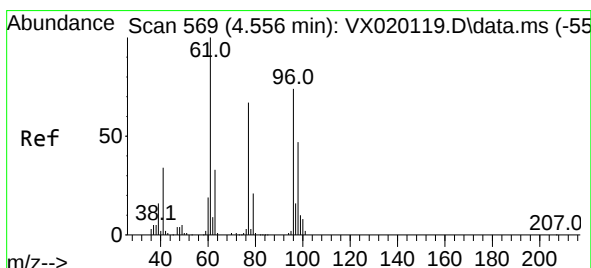
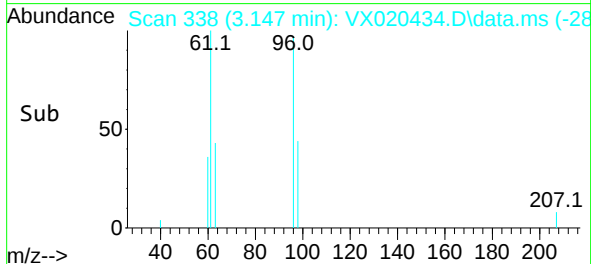
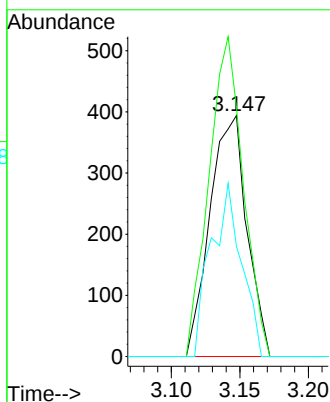


#21
trans-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 3.147 min Scan# 338
Delta R.T. 0.012 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

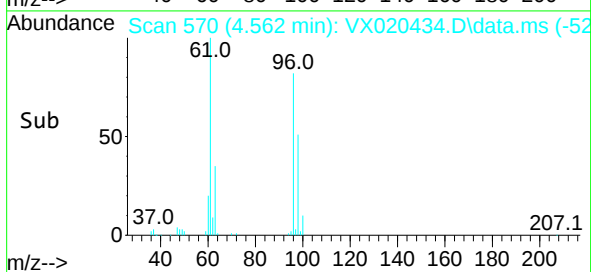
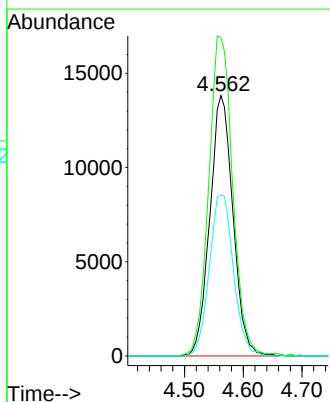
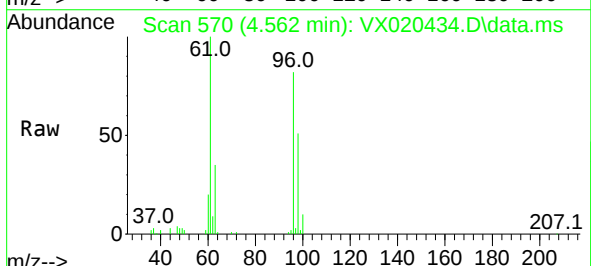


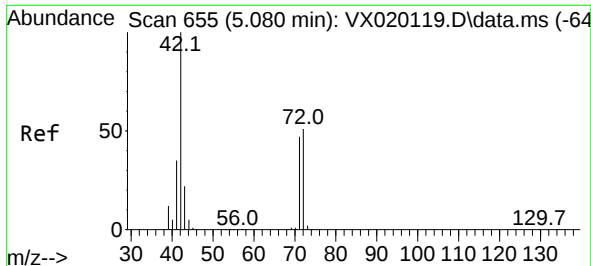
Tgt Ion: 96 Resp: 740
Ion Ratio Lower Upper
96 100
61 103.6 107.7 161.5#
98 45.7 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 11.14 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion: 96 Resp: 37797
Ion Ratio Lower Upper
96 100
61 127.5 0.0 285.6
98 64.4 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.098 min Scan# 658

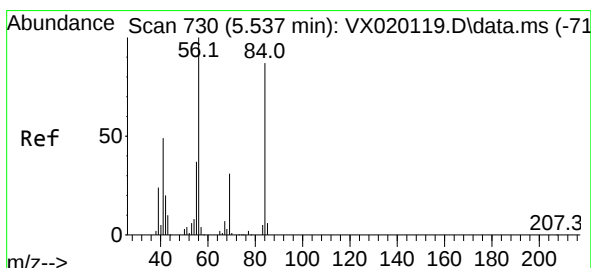
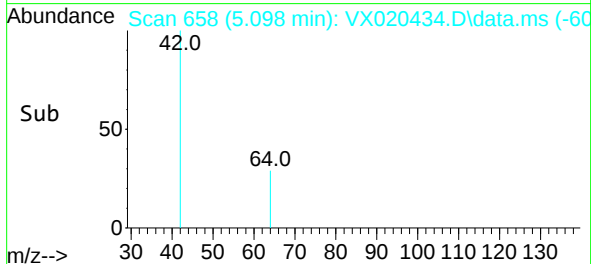
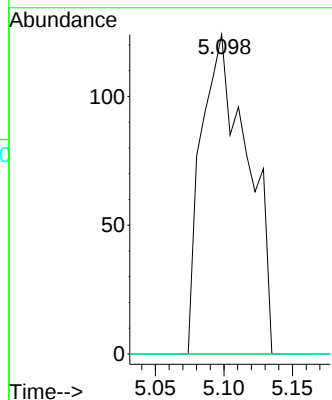
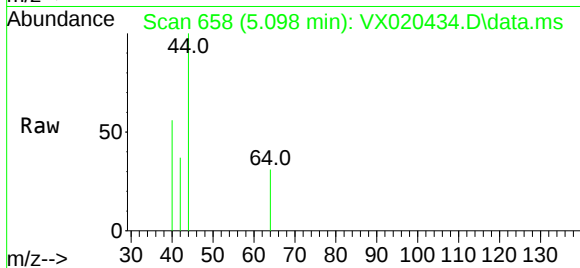
Delta R.T. 0.018 min

Lab File: VX020434.D

Acq: 29 Dec 2020 15:09

Tgt Ion:	42	Resp:	291
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)



#31

Cyclohexane

Concen: 0.97 ug/l

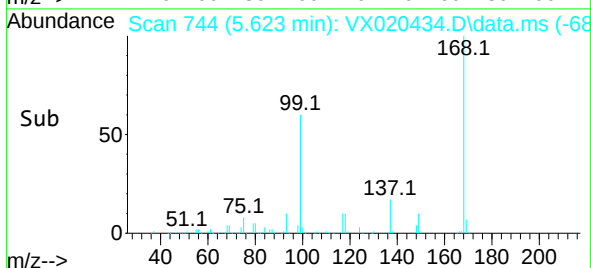
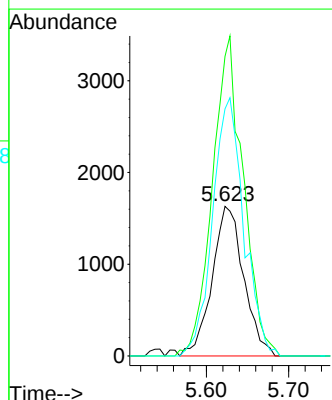
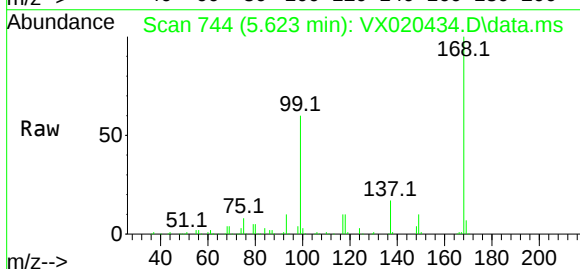
RT: 5.623 min Scan# 744

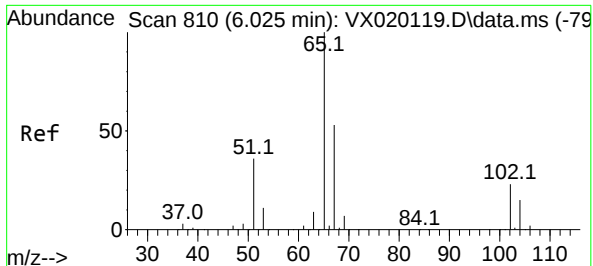
Delta R.T. 0.086 min

Lab File: VX020434.D

Acq: 29 Dec 2020 15:09

Tgt Ion:	56	Resp:	4359
Ion	Ratio	Lower	Upper
56	100		
69	200.2	25.3	37.9#
84	165.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 45.39 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020434.D

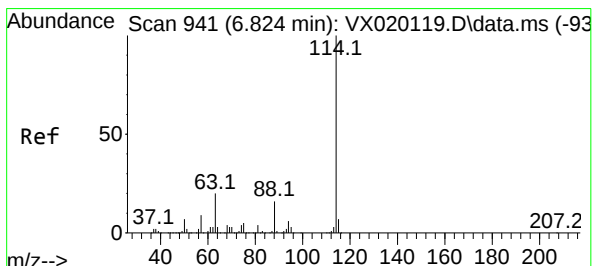
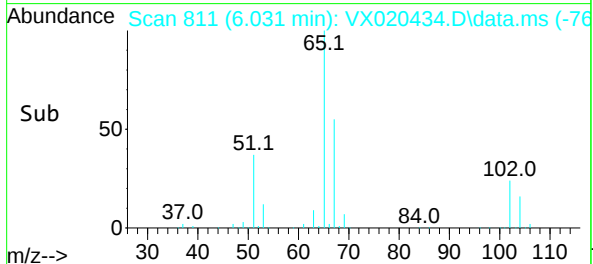
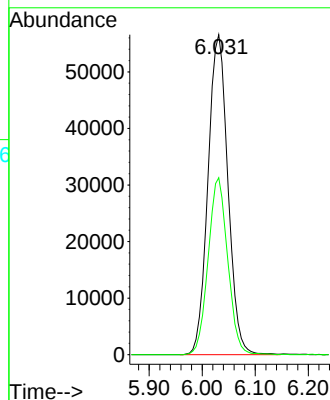
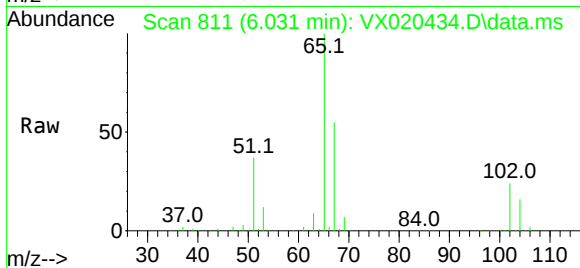
Acq: 29 Dec 2020 15:09

Tgt Ion: 65 Resp: 147575

Ion Ratio Lower Upper

65 100

67 54.3 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: VX020434.D

Acq: 29 Dec 2020 15:09

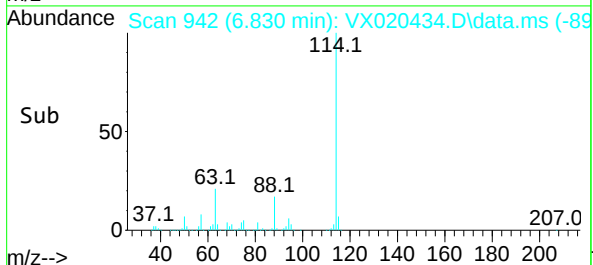
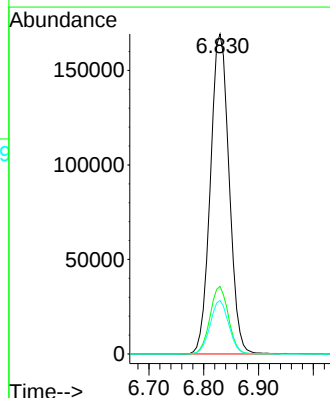
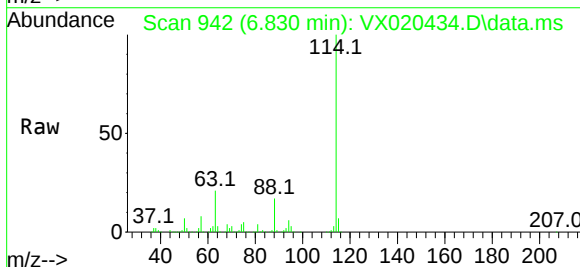
Tgt Ion: 114 Resp: 400607

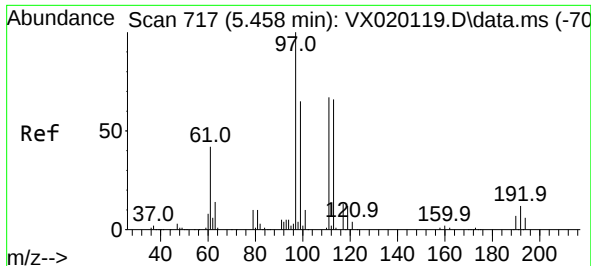
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

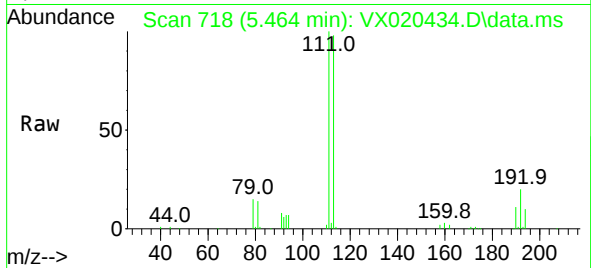
88 16.7 0.0 32.8



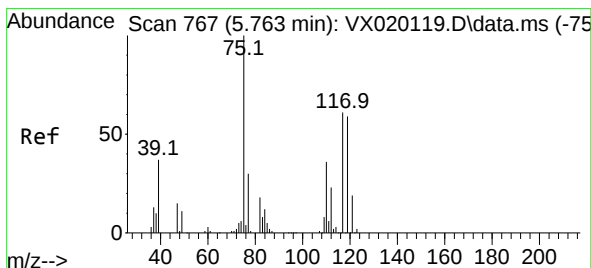
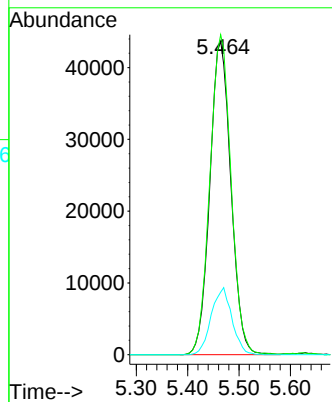
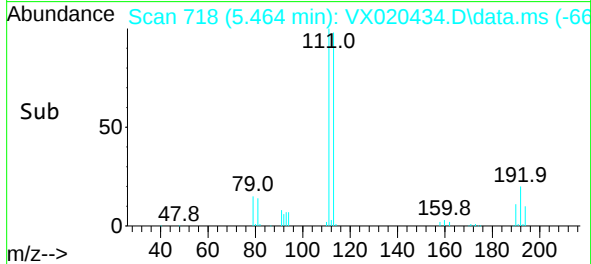


#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

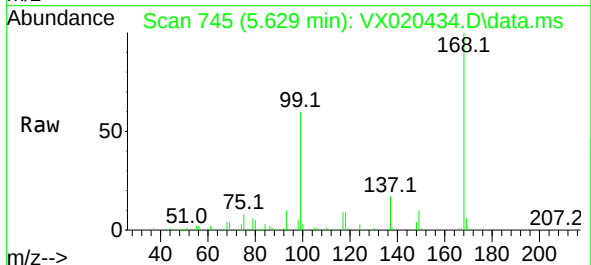
Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)



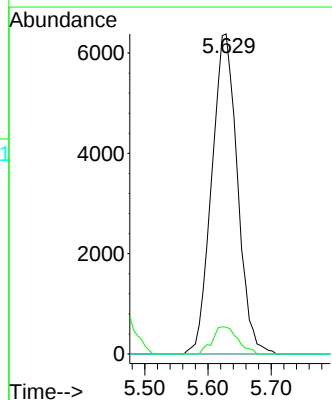
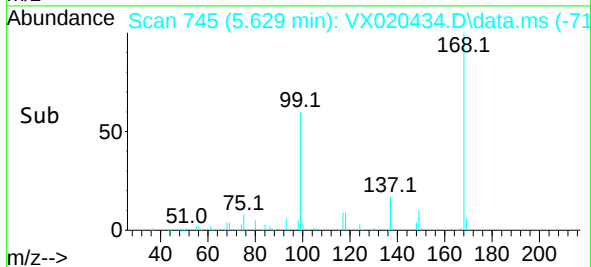
Tgt Ion:113 Resp: 124006
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 21.1 16.7 25.1

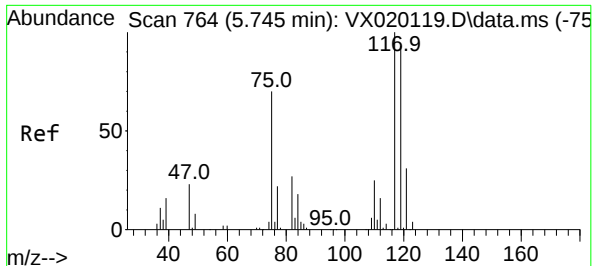


#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09



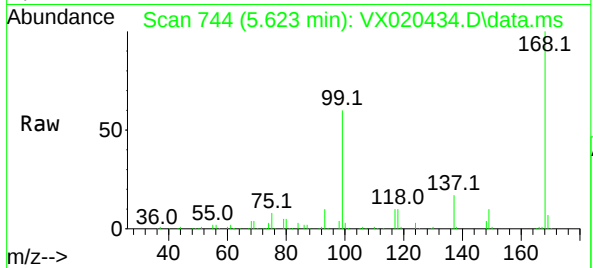
Tgt Ion: 75 Resp: 18019
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



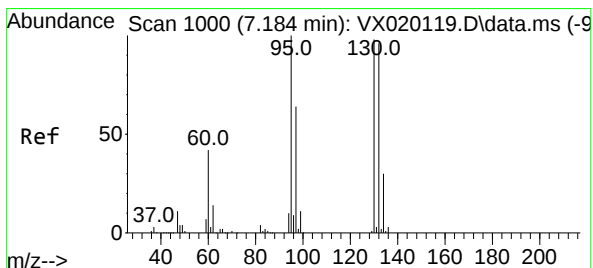
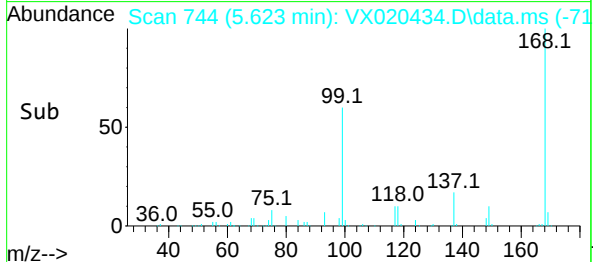
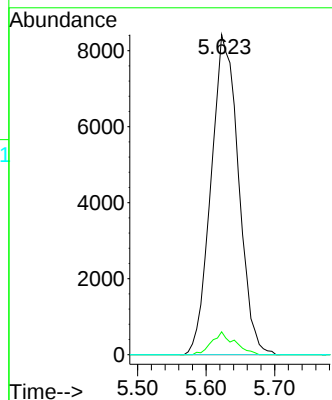


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

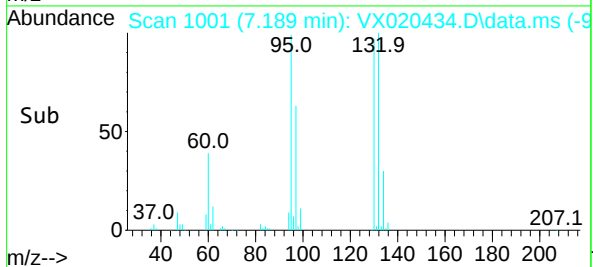
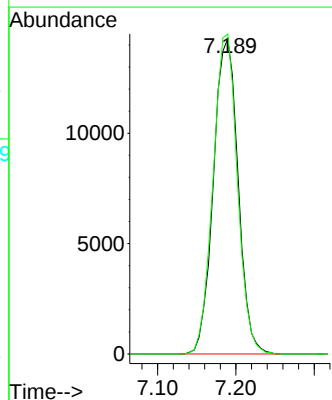
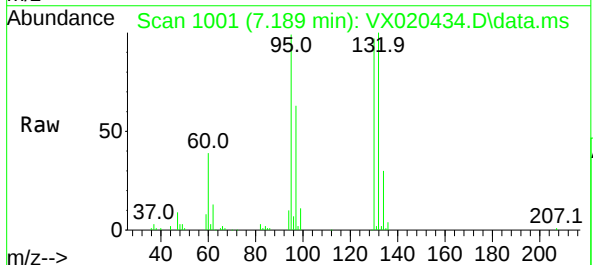


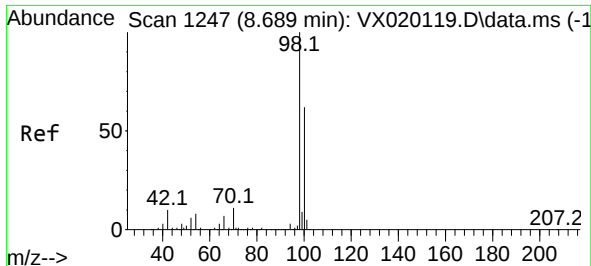
Tgt Ion:117 Resp: 23395
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 9.80 ug/l
RT: 7.189 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

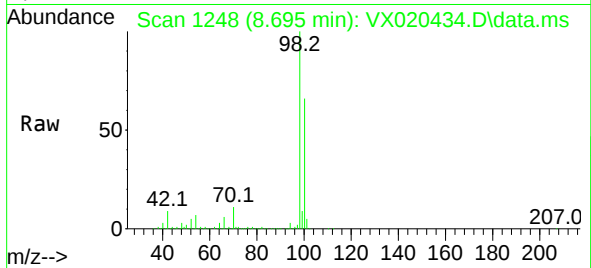
Tgt Ion:130 Resp: 31229
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.0



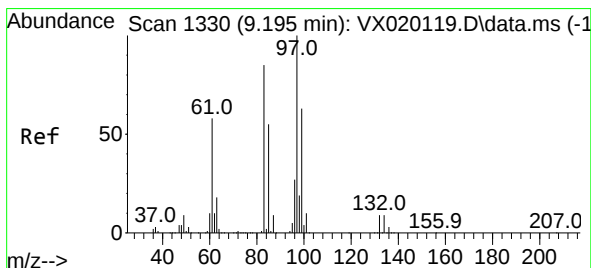
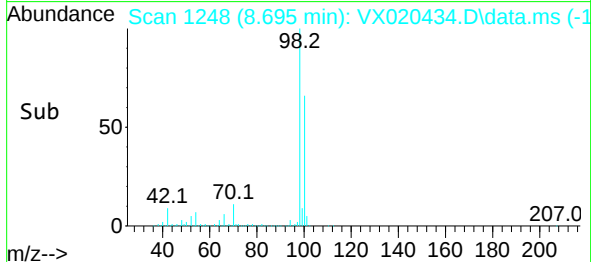
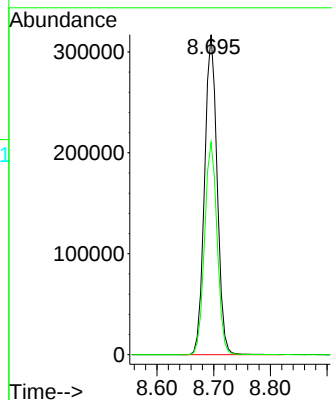


#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

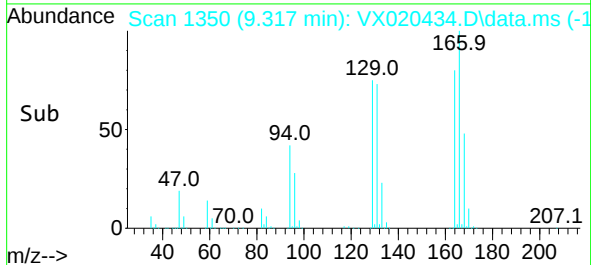
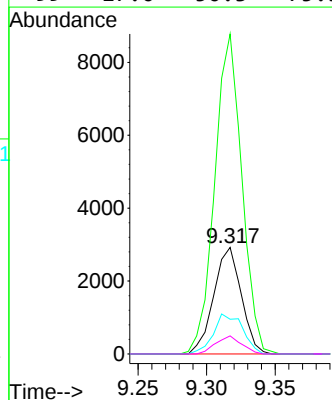
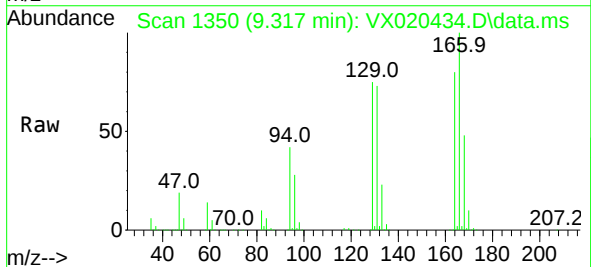


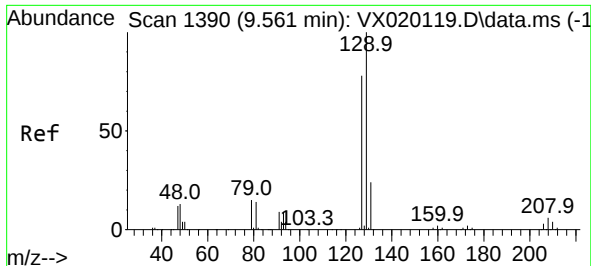
Tgt Ion: 98 Resp: 486321
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 1.32 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.122 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion: 97 Resp: 4090
Ion Ratio Lower Upper
97 100
83 300.4 69.3 103.9#
85 32.6 44.3 66.5#
99 17.0 50.3 75.5#

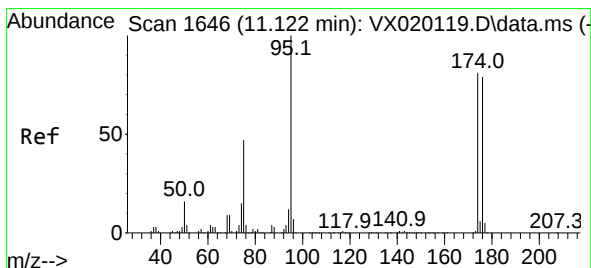
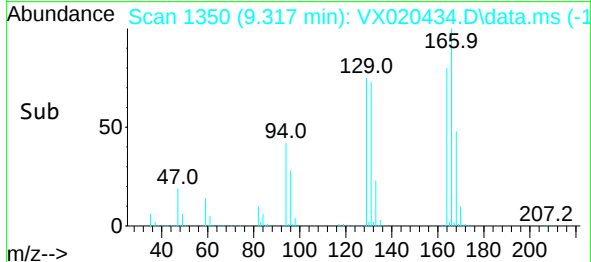
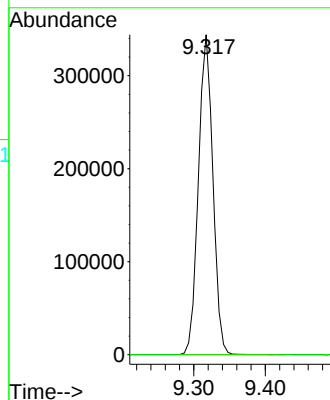
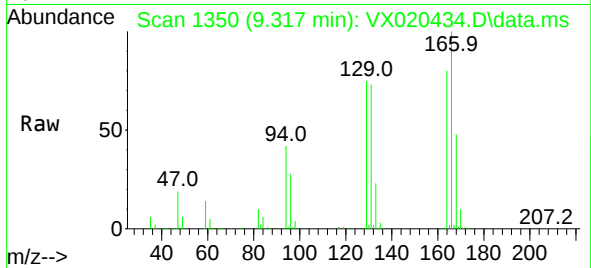




#60
Dibromochloromethane
Concen: 156.85 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

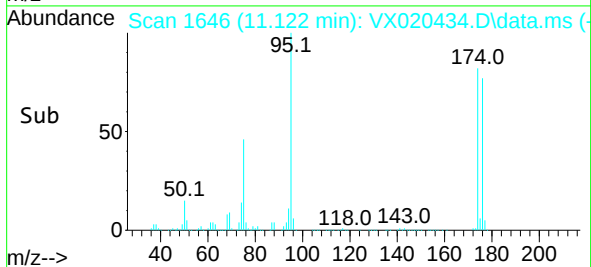
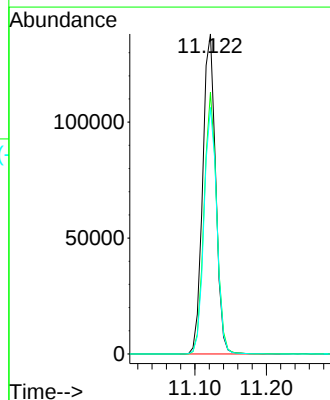
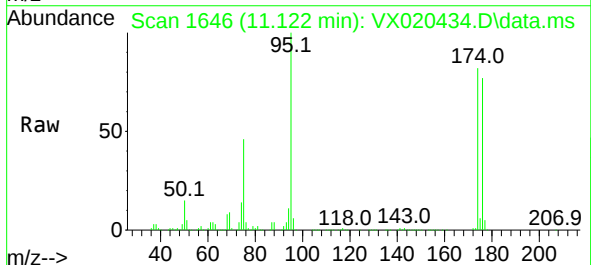
Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

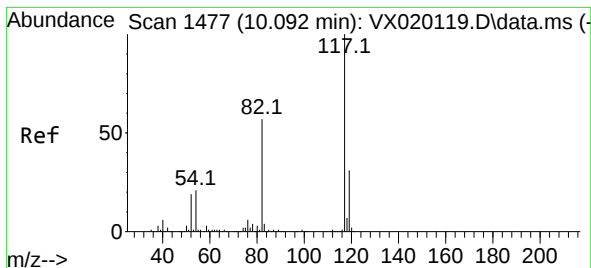
Tgt Ion:129 Resp: 482790
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion: 95 Resp: 173669
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 76.2 0.0 155.8

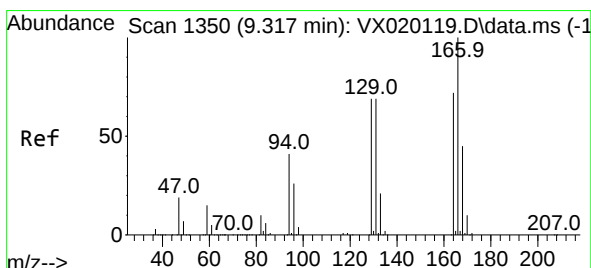
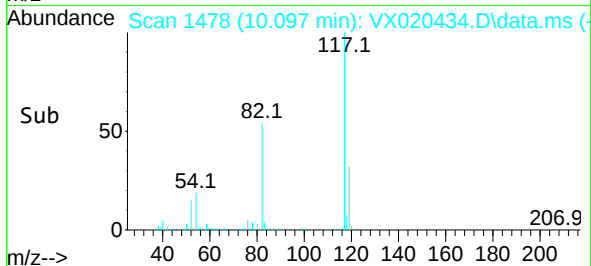
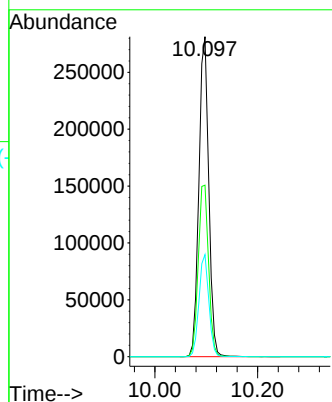
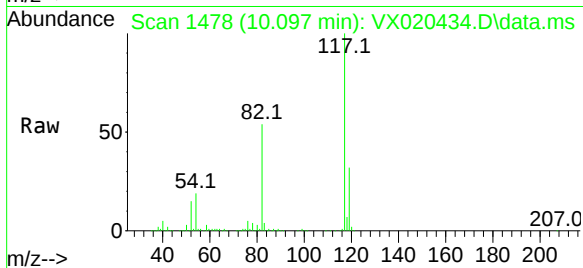




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

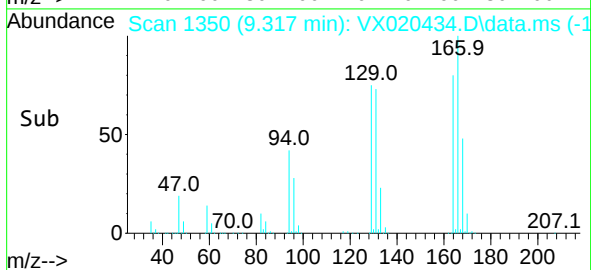
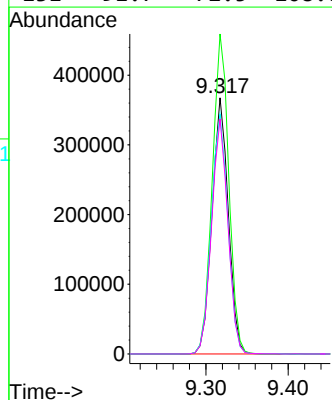
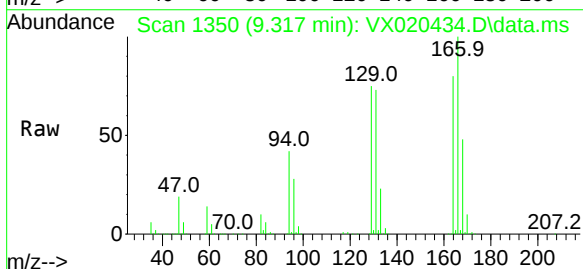
Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

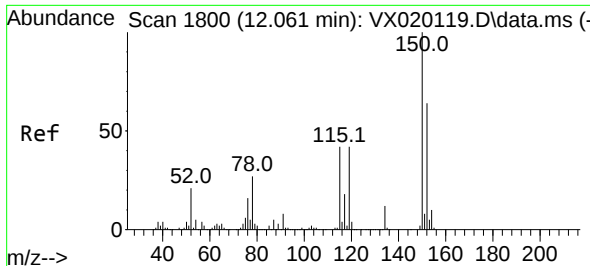
Tgt Ion:117 Resp: 375131
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 179.61 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

Tgt Ion:164 Resp: 507661
Ion Ratio Lower Upper
164 100
166 124.9 103.4 155.2
129 93.6 70.8 106.2
131 91.7 72.5 108.7

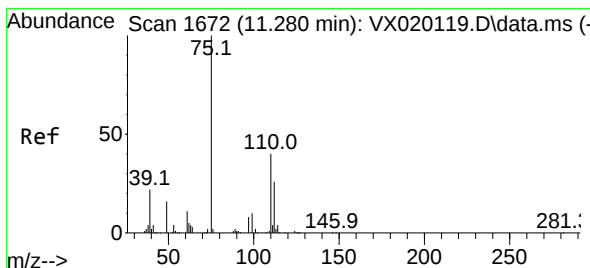
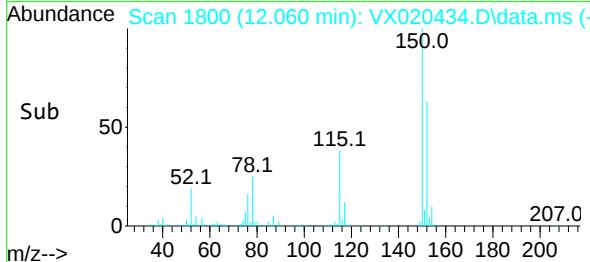
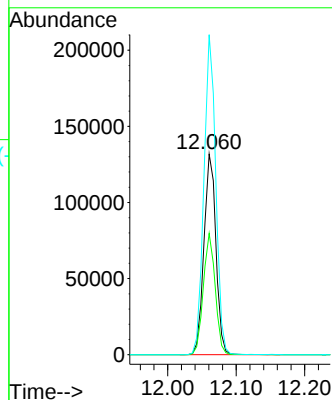
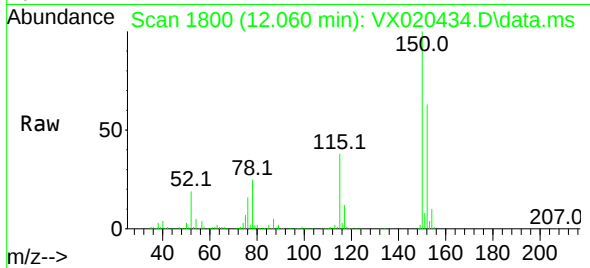




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

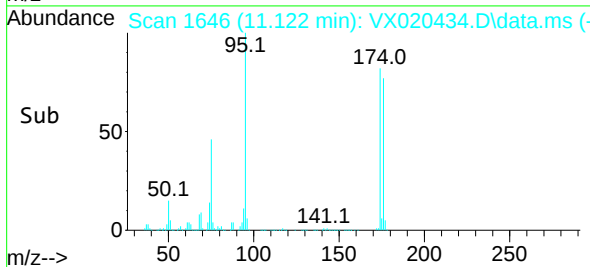
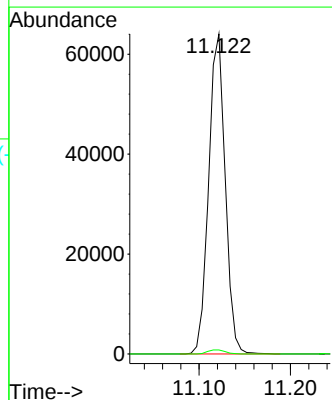
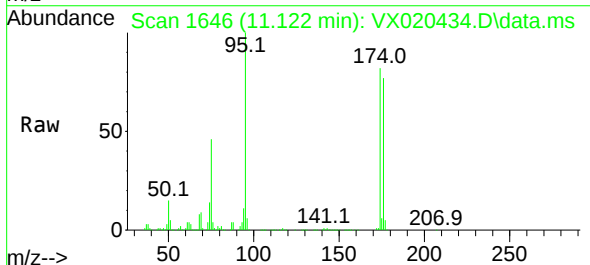
Instrument :
MSVOA_X
ClientSampleId :
1015-MW-01(23)

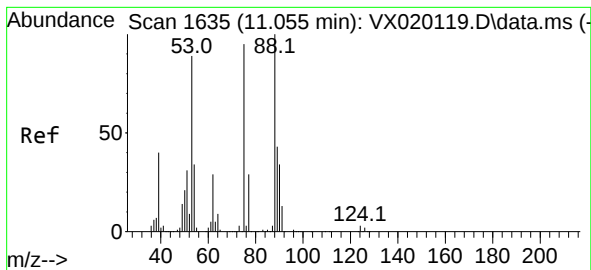
Tgt Ion:152 Resp: 160772
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020434.D
Acq: 29 Dec 2020 15:09

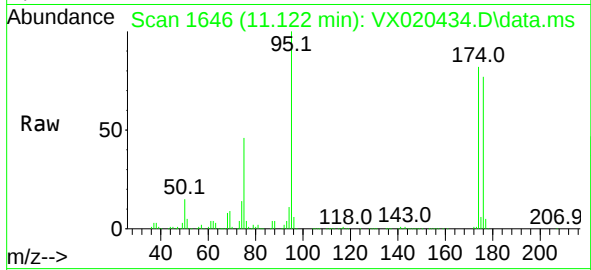
Tgt Ion: 75 Resp: 80296
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.15 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020434.D
 Acq: 29 Dec 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 1015-MW-01(23)



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

