

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020336.D
 Acq On : 23 Dec 2020 04:43
 Operator : JC/MD
 Sample : L5095-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20201211

Quant Time: Dec 23 06:04:51 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)

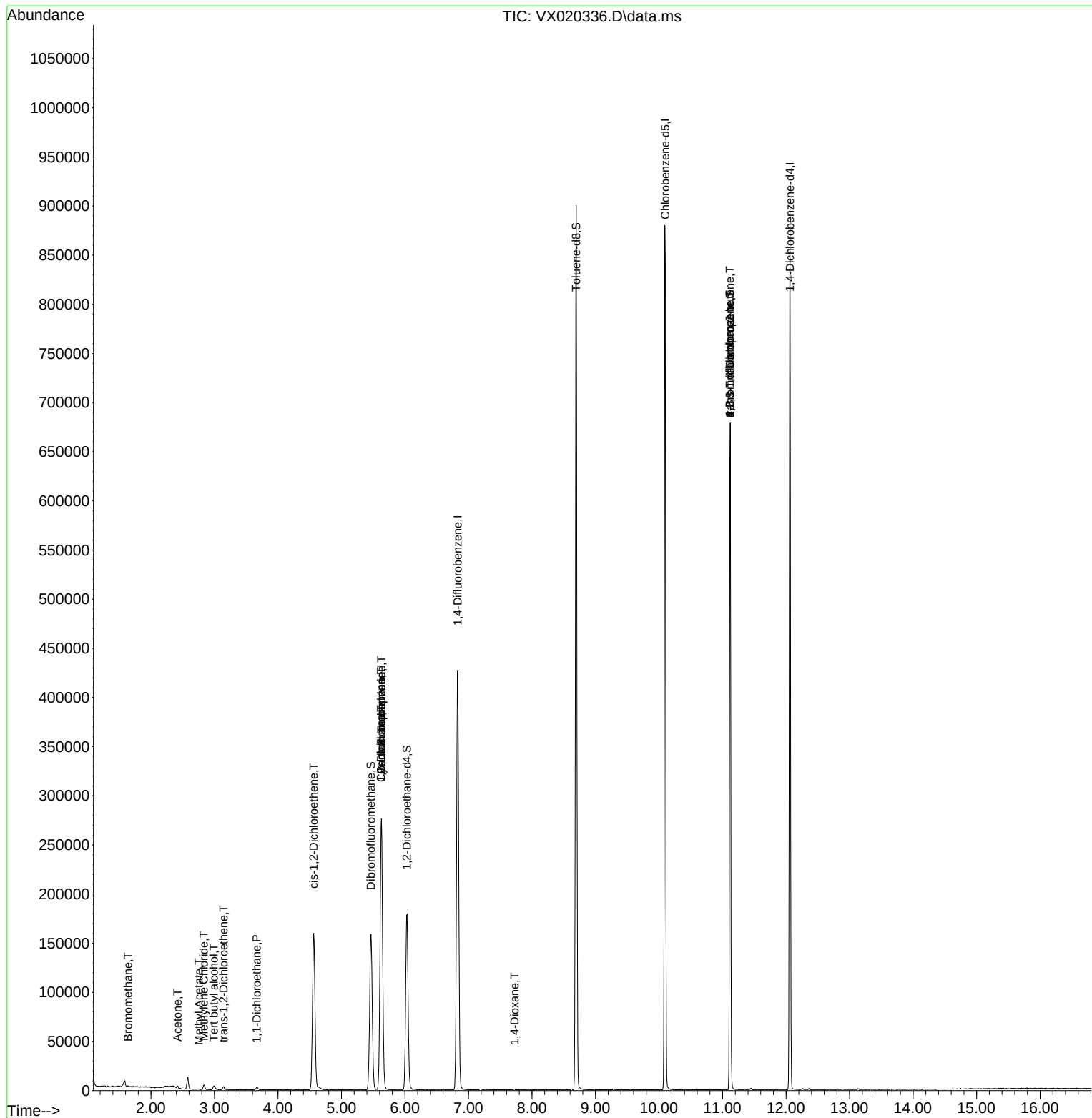
Internal Standards						
1) Pentafluorobenzene	5.629	168	262809	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	436853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	409052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	177885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	172968	49.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.20%		
35) Dibromofluoromethane	5.464	113	140222	50.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.36%		
50) Toluene-d8	8.696	98	532306	49.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.96%		
62) 4-Bromofluorobenzene	11.116	95	190705	46.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.64%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	422	0.37	ug/l #	80
11) Tert butyl alcohol	2.989	59	2697	3.42	ug/l #	73
16) Acetone	2.416	43	2678	1.67	ug/l	93
18) Methyl Acetate	2.752	43	799	0.22	ug/l #	53
20) Methylene Chloride	2.831	84	2285	0.63	ug/l #	87
21) trans-1,2-Dichloroethene	3.142	96	1429	0.44	ug/l #	76
24) 1,1-Dichloroethane	3.666	63	2869	0.50	ug/l #	93
27) cis-1,2-Dichloroethene	4.562	96	105393	28.67	ug/l	89
31) Cyclohexane	5.623	56	5311	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20336	4.71	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26006	6.33	ug/l #	17
49) 1,4-Dioxane	7.726	88	584	7.19	ug/l #	86
76) 1,2,3-Trichloropropane	11.116	75	91438	20.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	91438	61.91	ug/l #	12

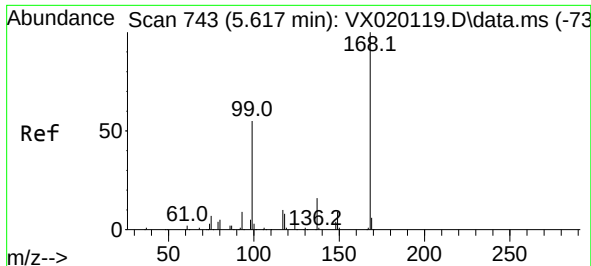
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
Data File : VX020336.D
Acq On : 23 Dec 2020 04:43
Operator : JC/MD
Sample : L5095-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

Quant Time: Dec 23 06:04:51 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

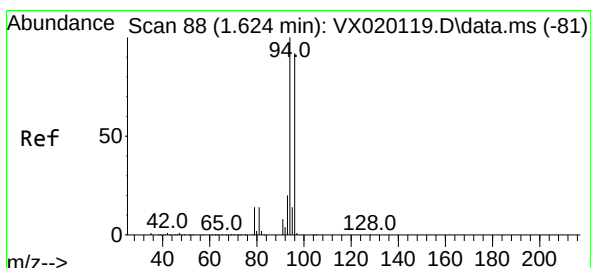
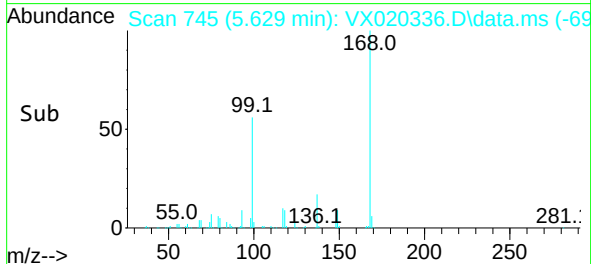
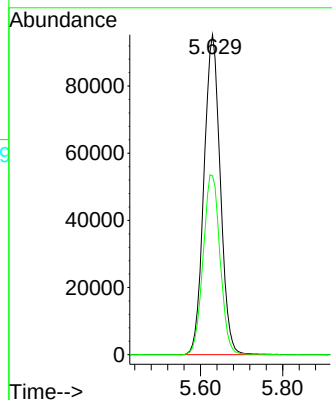
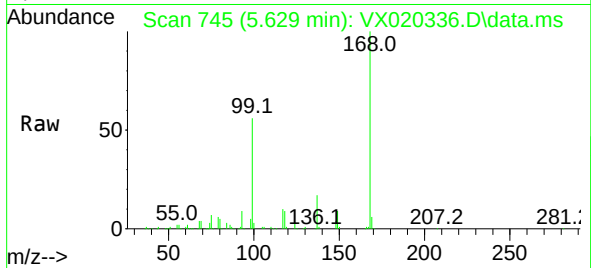




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

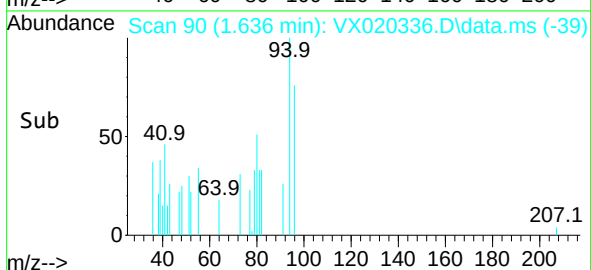
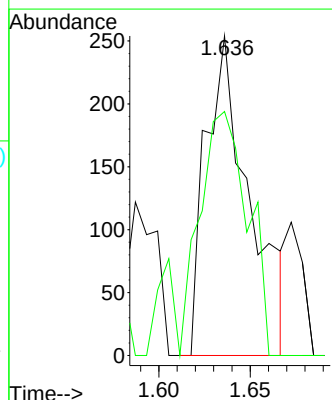
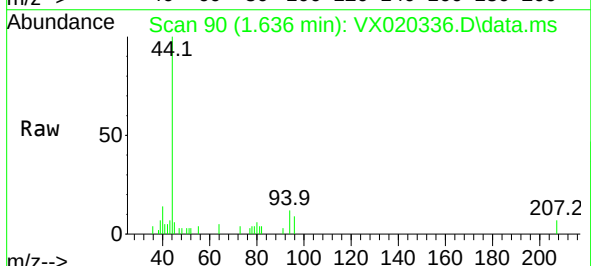
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

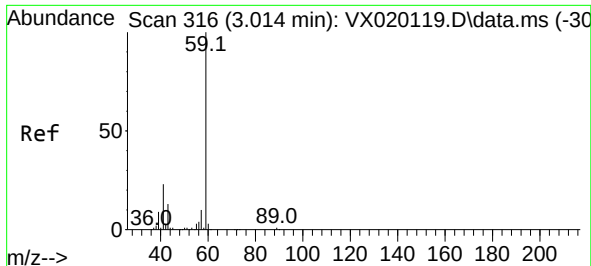
Tgt Ion:168 Resp: 262809
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 76.4 76.4 114.6#



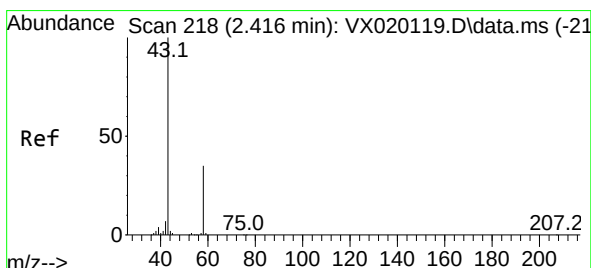
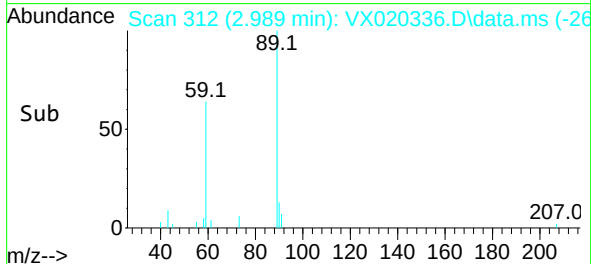
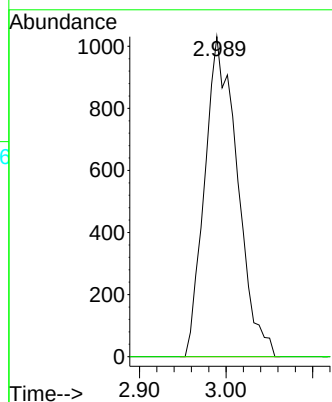
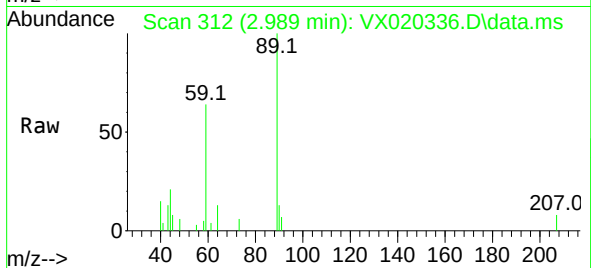


#11

Tert butyl alcohol
Concen: 3.42 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

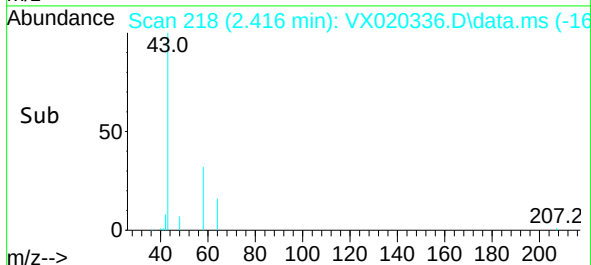
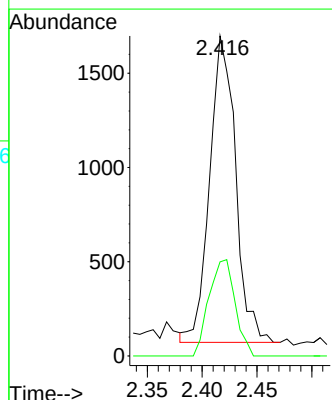
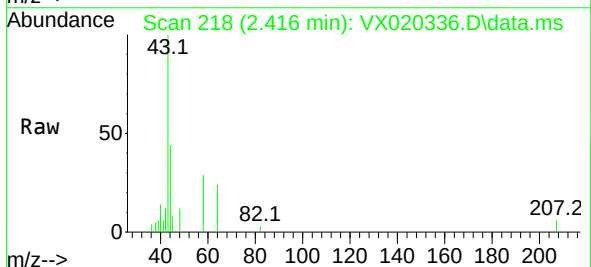
Tgt Ion: 59 Resp: 2697
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

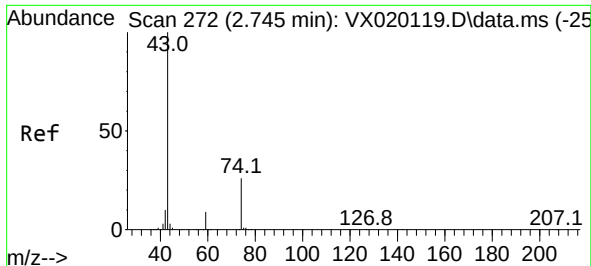


#16

Acetone
Concen: 1.67 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

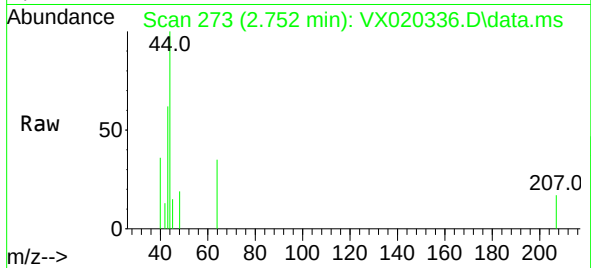
Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8



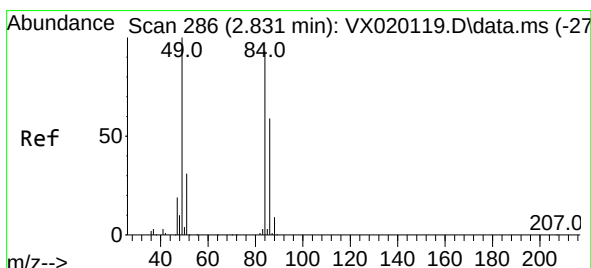
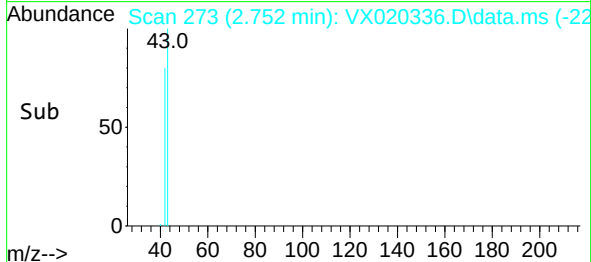
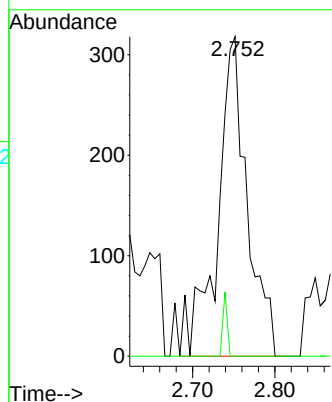


#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

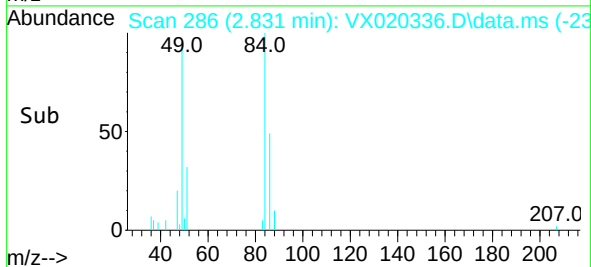
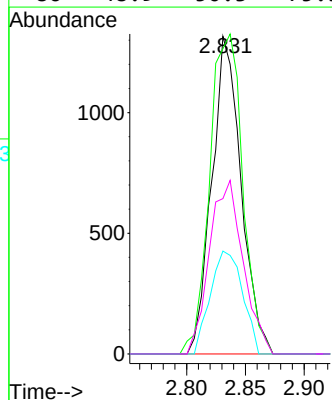
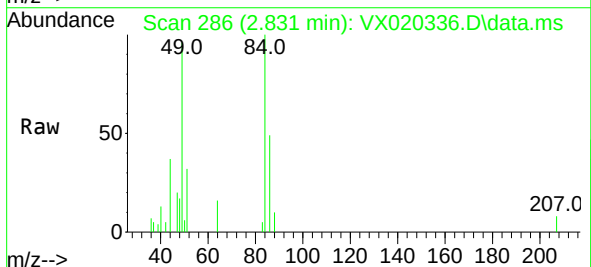


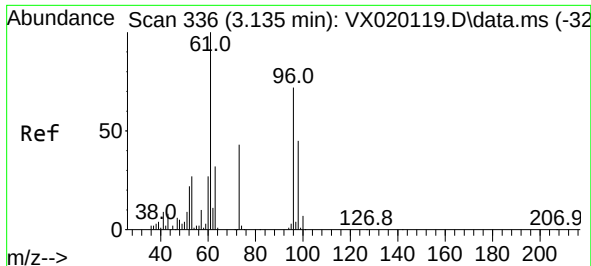
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
74 2.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

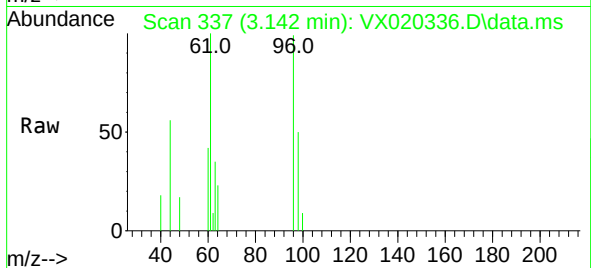
Tgt Ion: 84 Resp: 2285
Ion Ratio Lower Upper
84 100
49 96.1 88.6 132.8
51 32.4 27.0 40.6
86 48.9 50.3 75.5#





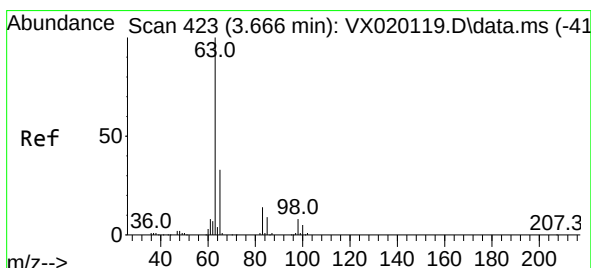
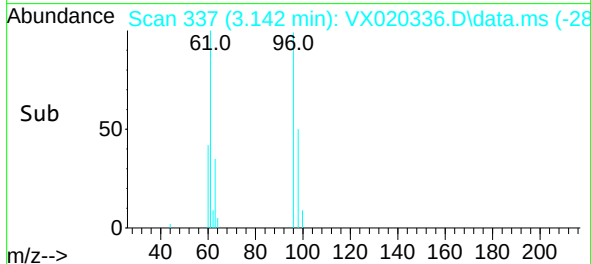
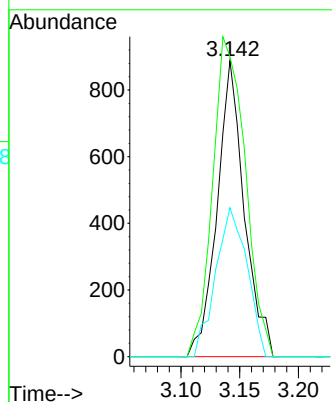
#21
trans-1,2-Dichloroethene
Concen: 0.44 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211



Tgt Ion: 96 Resp: 1429

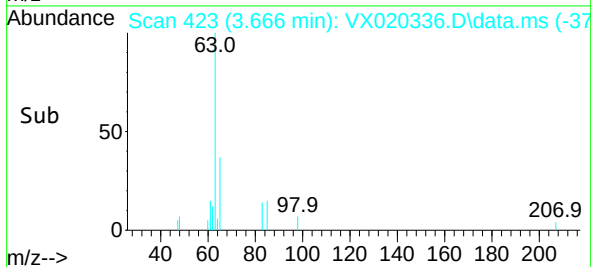
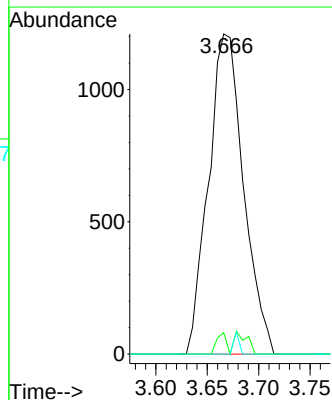
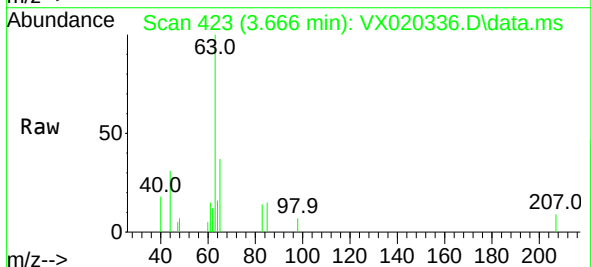
Ion	Ratio	Lower	Upper
96	100		
61	101.4	107.7	161.5#
98	50.3	50.4	75.6#

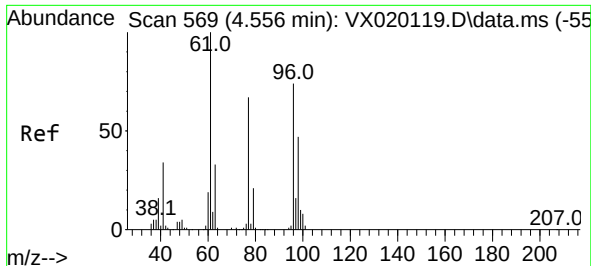


#24
1,1-Dichloroethane
Concen: 0.50 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 63 Resp: 2869

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	0.0	2.5	7.5#



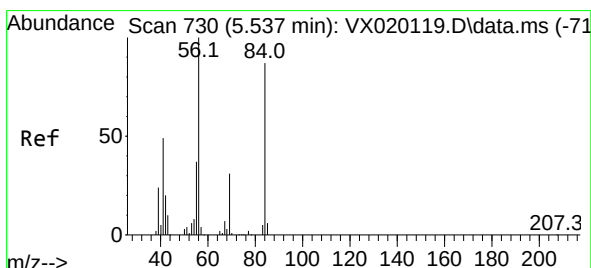
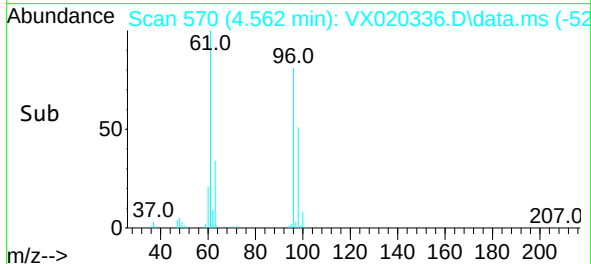
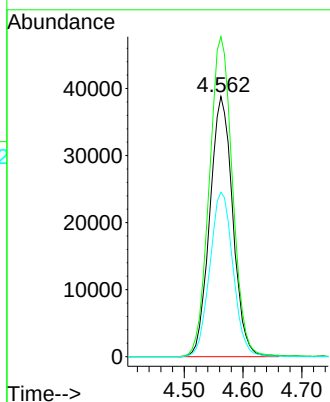
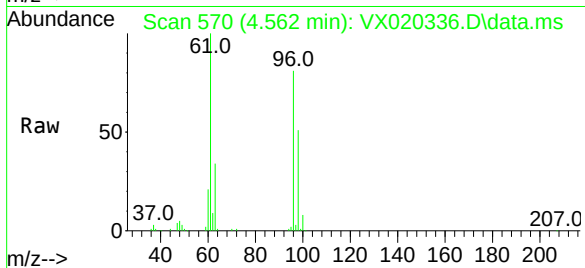


#27

cis-1,2-Dichloroethene
Concen: 28.67 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

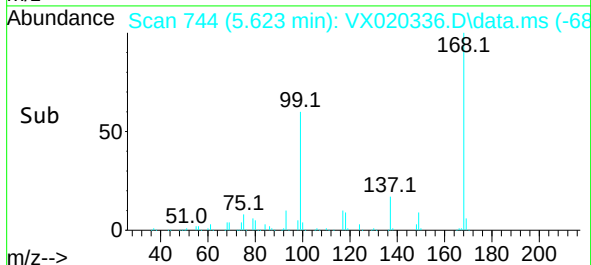
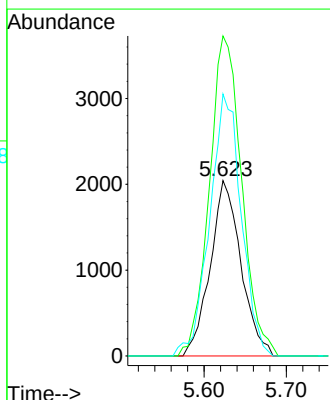
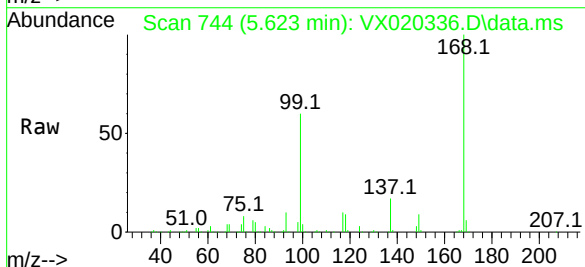
Tgt Ion: 96	Resp: 105393
Ion Ratio	Lower Upper
96 100	
61 124.6	0.0 285.6
98 63.9	0.0 129.6

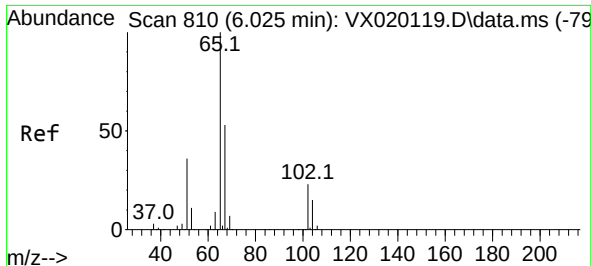


#31

Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 56	Resp: 5311		
Ion Ratio	Lower	Upper	
56	100		
69	182.4	25.3	37.9#
84	149.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020336.D

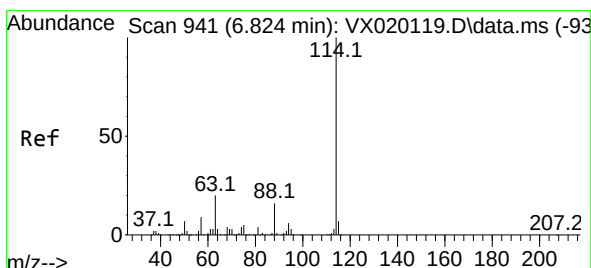
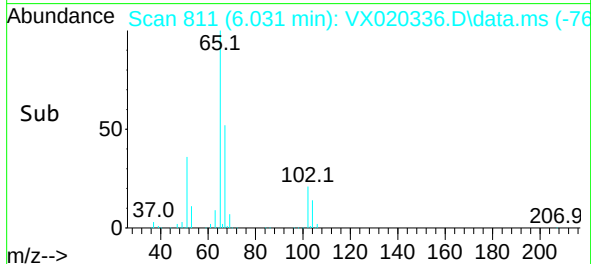
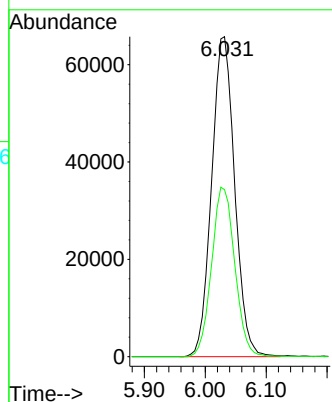
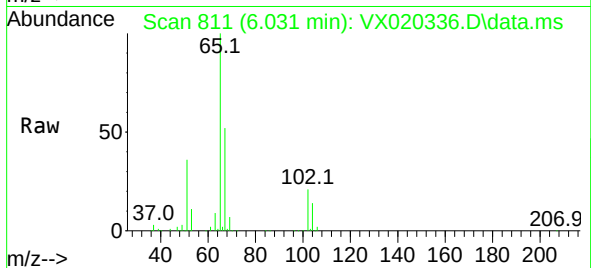
Acq: 23 Dec 2020 04:43

Tgt Ion: 65 Resp: 172968

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020336.D

Acq: 23 Dec 2020 04:43

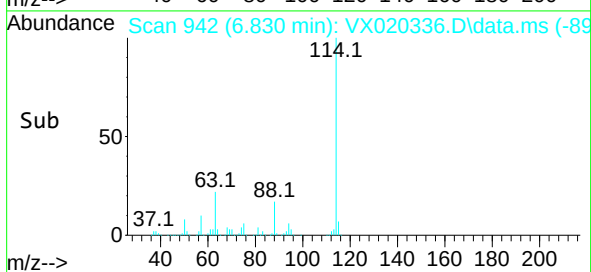
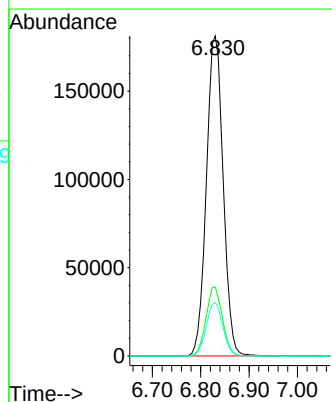
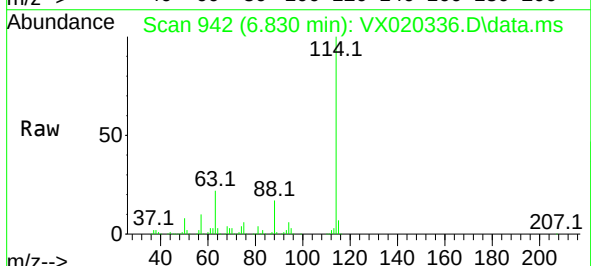
Tgt Ion: 114 Resp: 436853

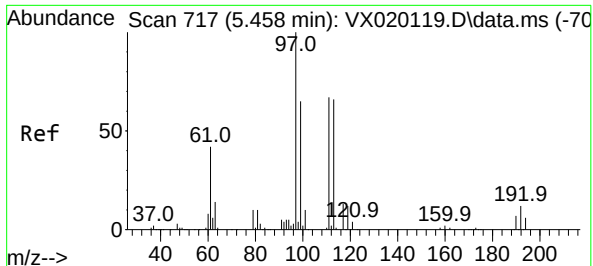
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

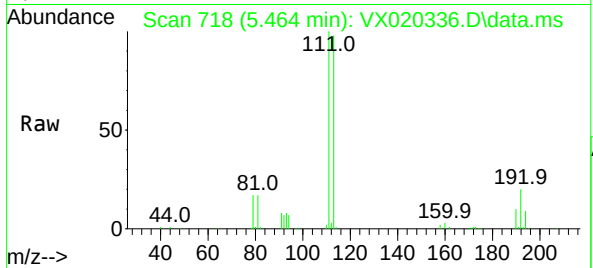
88 16.7 0.0 32.8



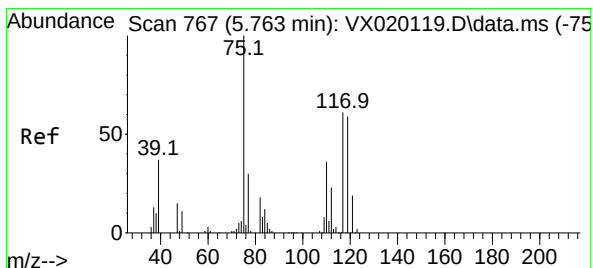
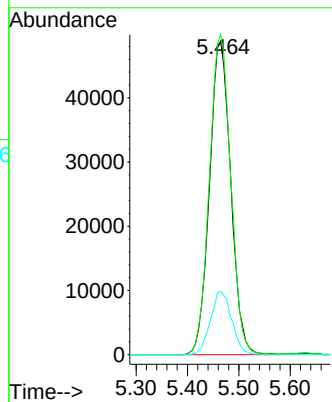
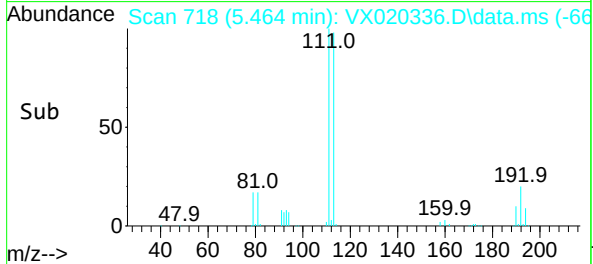


#35
Dibromofluoromethane
Concen: 50.18 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

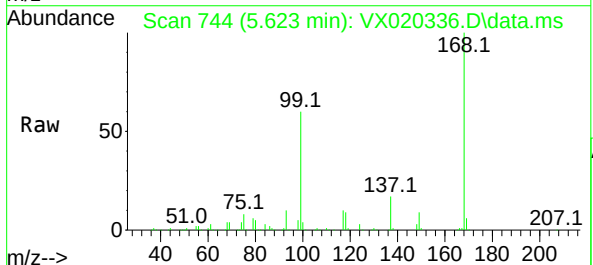
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211



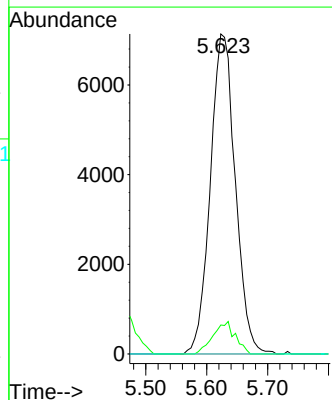
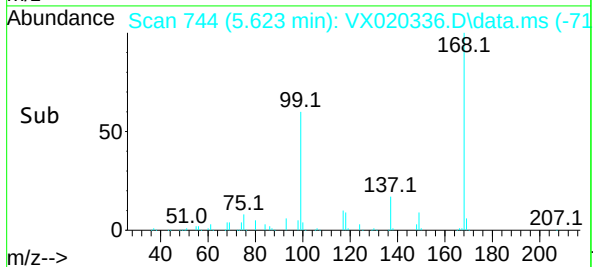
Tgt Ion:113 Resp: 140222
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.2 16.7 25.1

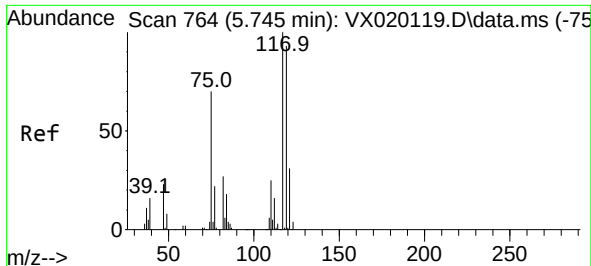


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43



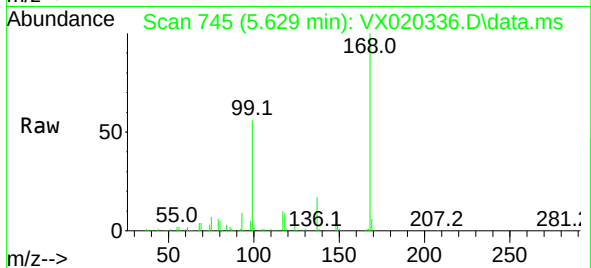
Tgt Ion: 75 Resp: 20336
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



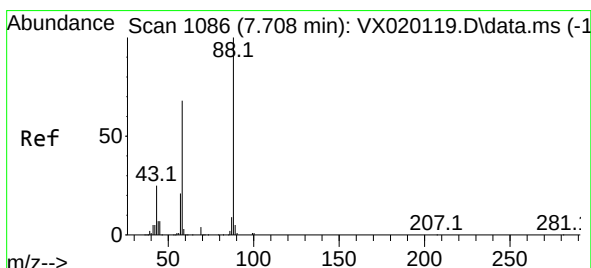
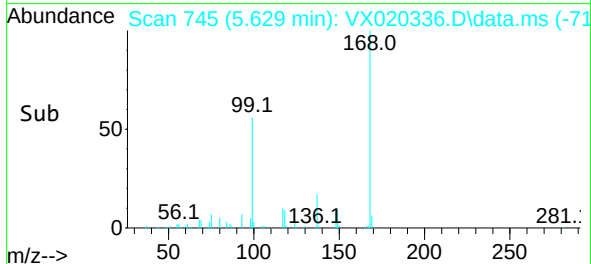
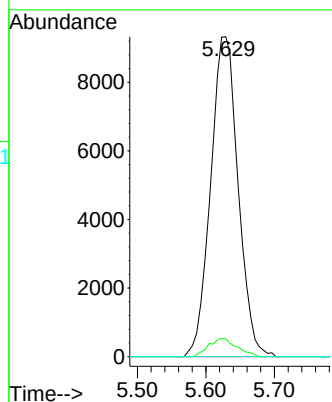


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

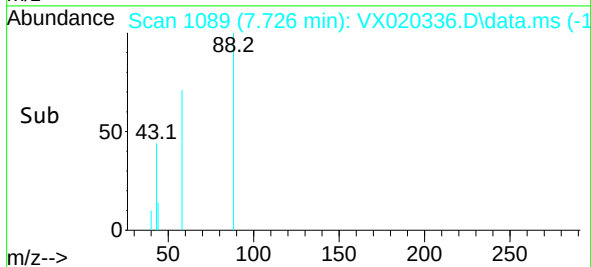
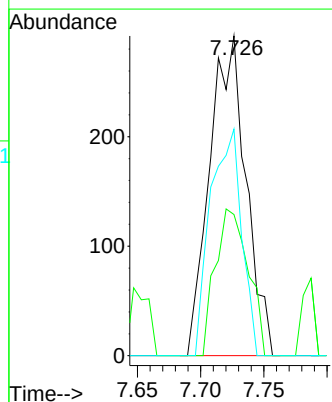
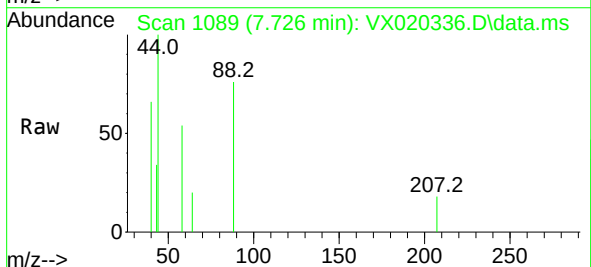


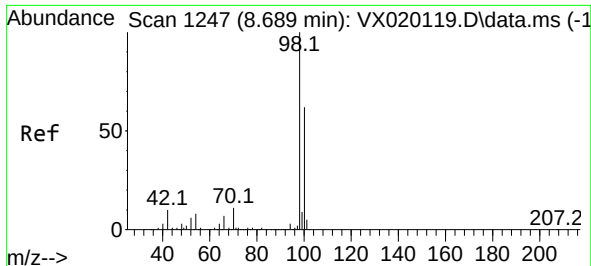
Tgt Ion:117 Resp: 26006
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 7.19 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 88 Resp: 584
Ion Ratio Lower Upper
88 100
43 41.4 23.2 34.8#
58 60.6 55.0 82.4

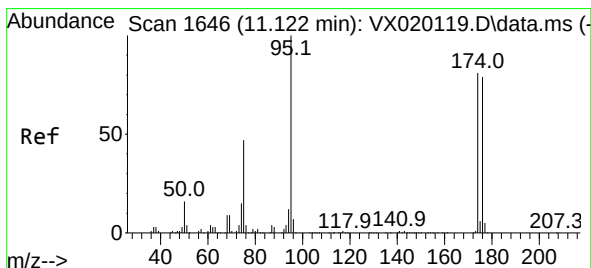
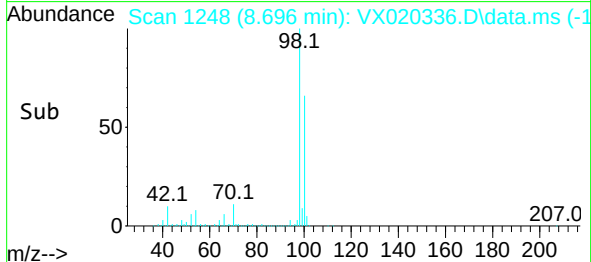
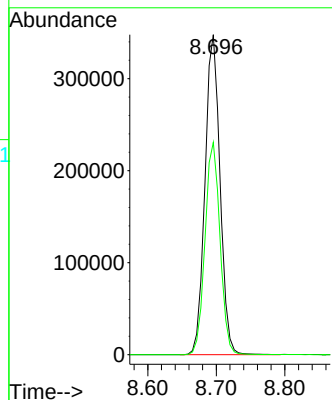
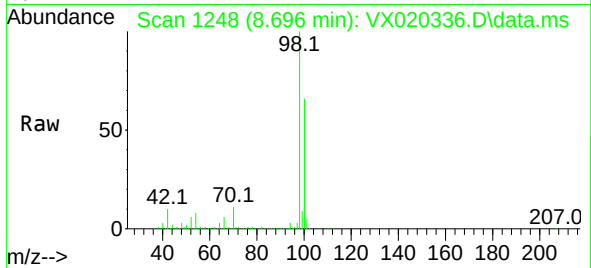




#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

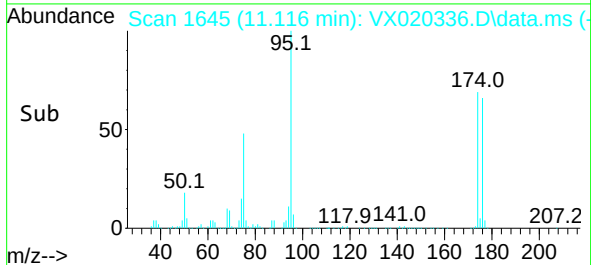
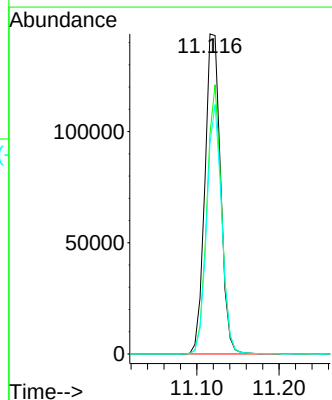
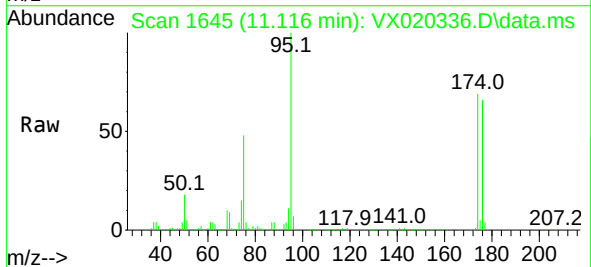
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

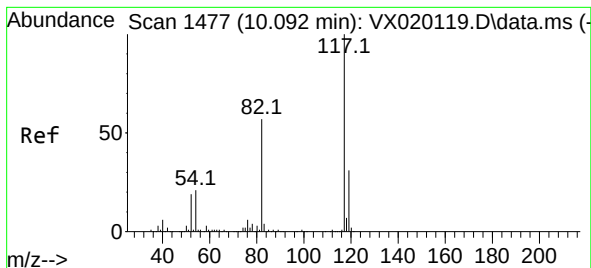
Tgt Ion: 98 Resp: 532306
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.32 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 95 Resp: 190705
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 74.3 0.0 155.8

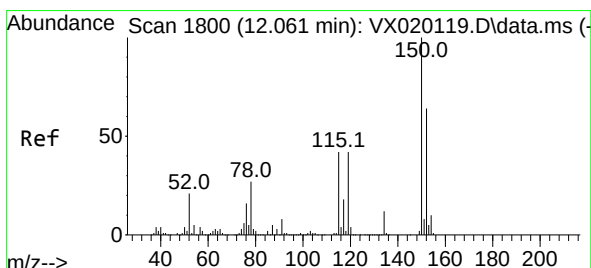
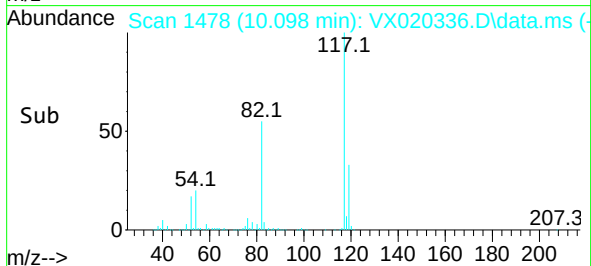
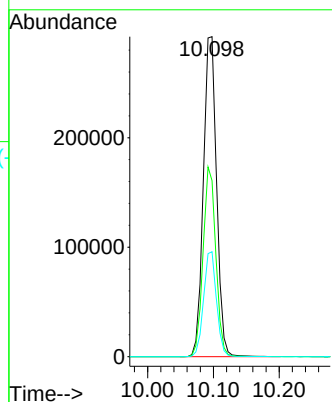
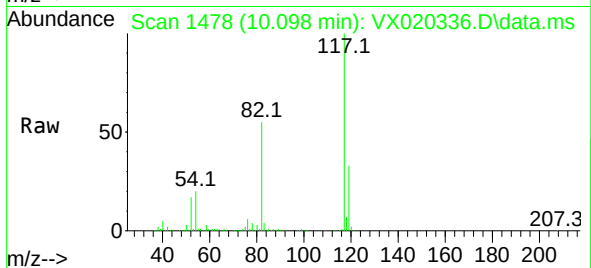




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

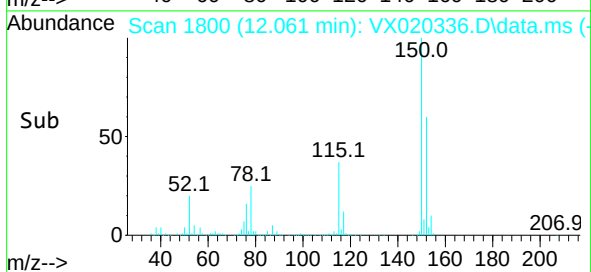
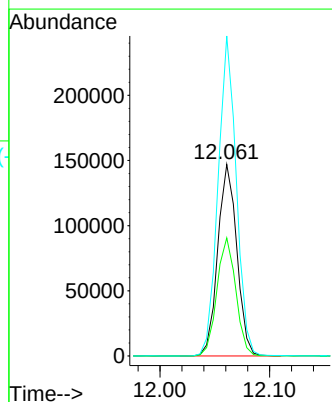
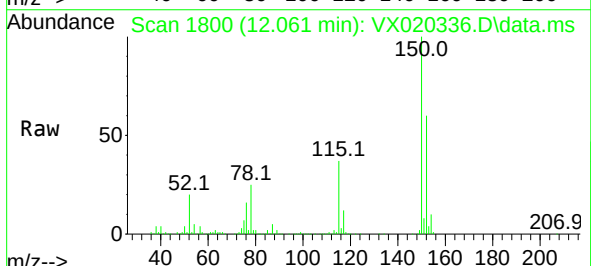
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

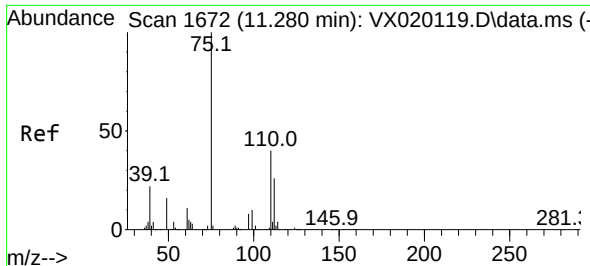
Tgt Ion:117 Resp: 409052
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion:152 Resp: 177885
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 159.8 0.0 349.0

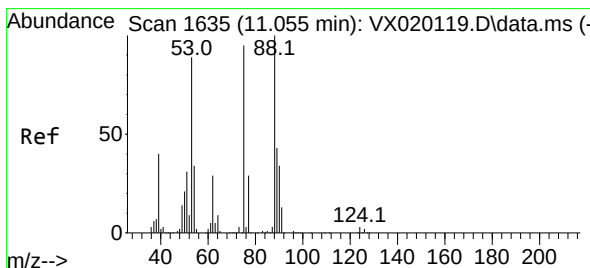
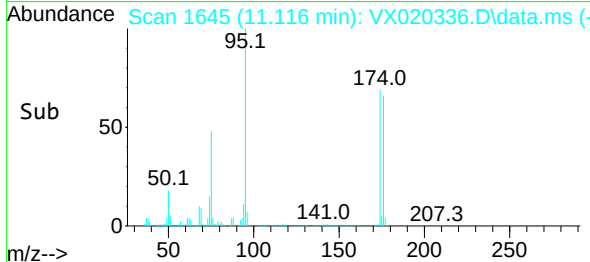
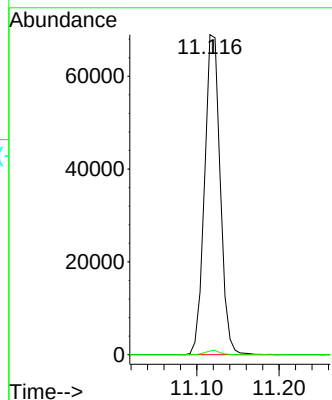
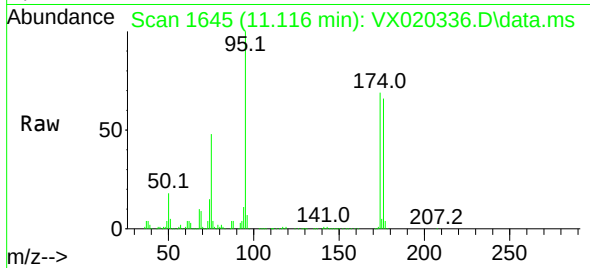




#76
1,2,3-Trichloropropane
Concen: 20.87 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20201211

Tgt Ion: 75 Resp: 91438
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020336.D
Acq: 23 Dec 2020 04:43

Tgt Ion: 75 Resp: 91438
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

