

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
 Data File : VX020108.D
 Acq On : 17 Dec 2020 08:37
 Operator : JC/MD
 Sample : L5053-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210

Quant Time: Dec 18 09:02:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

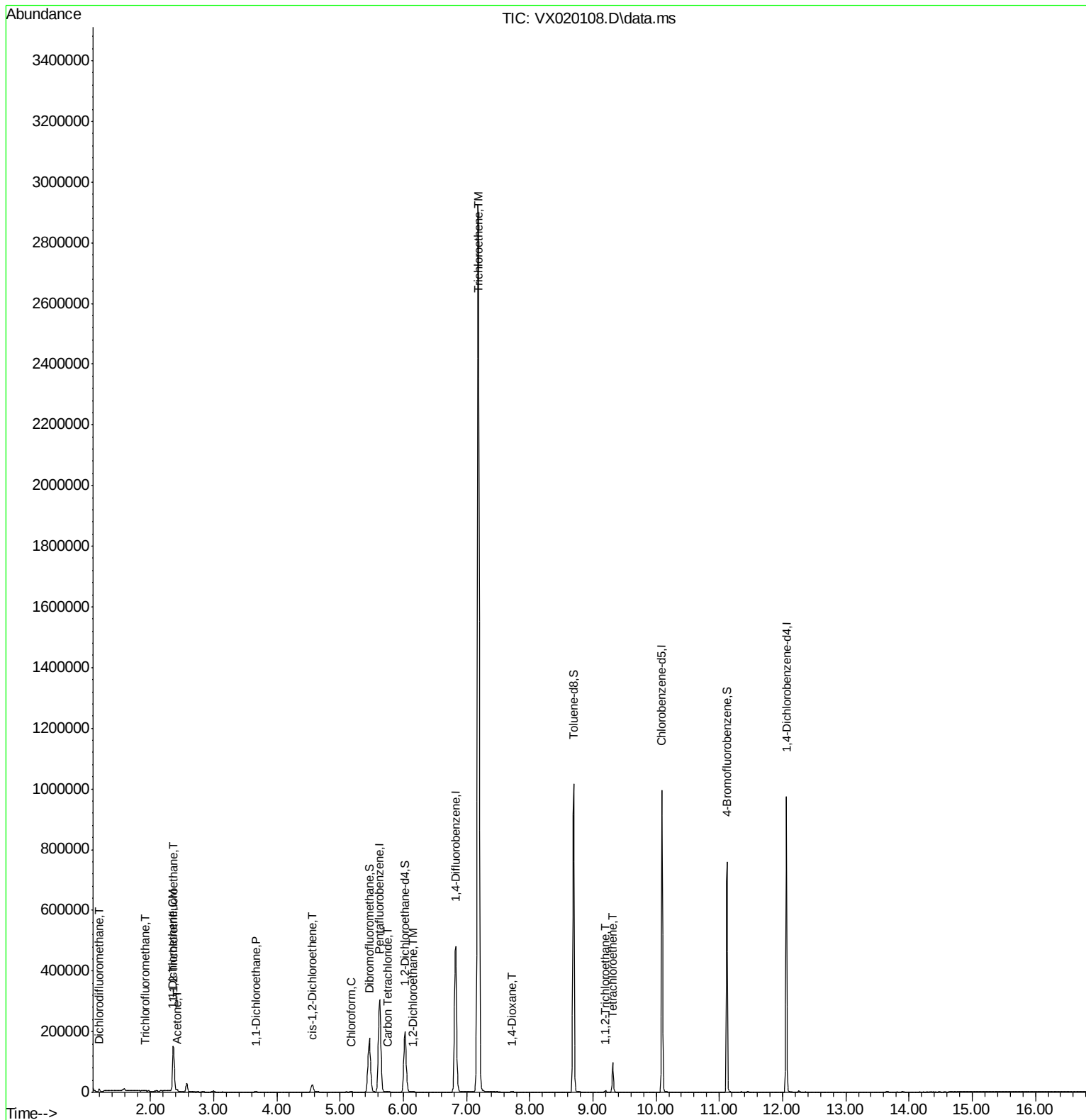
Internal Standards						
1) Pentafluorobenzene	5.629	168	290682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	491619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	453516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	193611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192751	50.45	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.90%	
35) Dibromofluoromethane	5.465	113	154040	48.48	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	96.96%	
50) Toluene-d8	8.696	98	598397	49.33	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.122	95	207790	45.01	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.02%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	1604	0.60	ug/l	100
7) Trichlorofluoromethane	1.916	101	1219	0.27	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.368	101	49262	18.70	ug/l	99
12) 1,1-Dichloroethene	2.355	96	15185	5.70	ug/l	95
16) Acetone	2.416	43	5796	4.04	ug/l	100
24) 1,1-Dichloroethane	3.666	63	4090	0.75	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	16561	4.56	ug/l	91
30) Chloroform	5.172	83	2897	0.51	ug/l	95
38) Carbon Tetrachloride	5.751	117	2326	0.53	ug/l #	83
42) 1,2-Dichloroethane	6.153	62	1361	0.29	ug/l #	73
44) Trichloroethene	7.184	130	1147860	322.38	ug/l	98
49) 1,4-Dioxane	7.714	88	2235	25.73	ug/l	92
55) 1,1,2-Trichloroethane	9.196	97	1476	0.43	ug/l	93
64) Tetrachloroethene	9.317	164	18559	6.10	ug/l	95

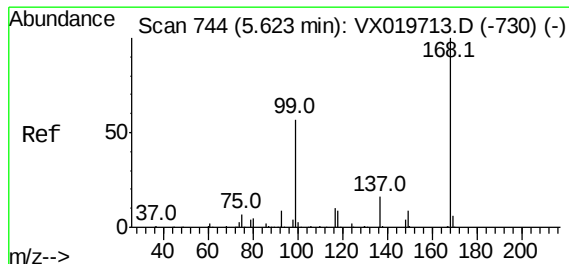
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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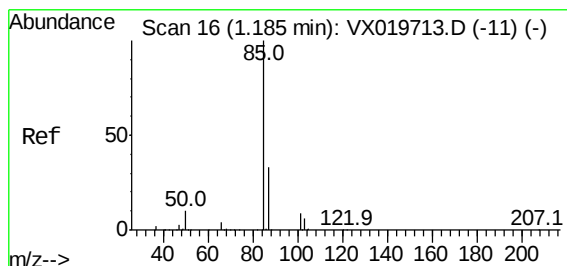
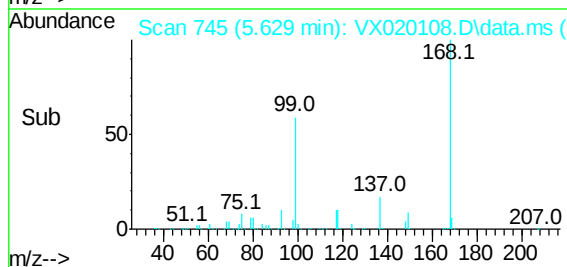
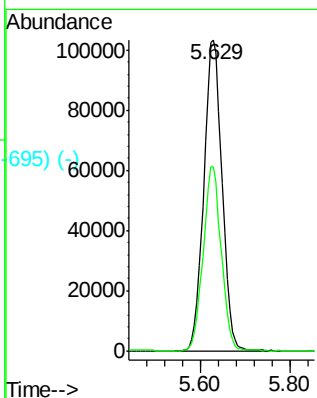
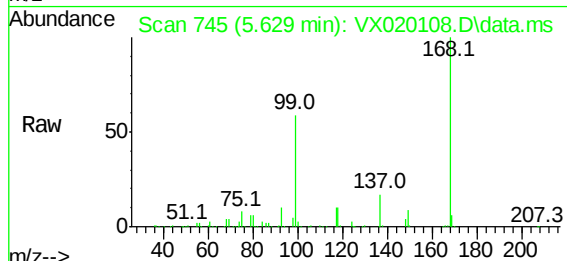




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

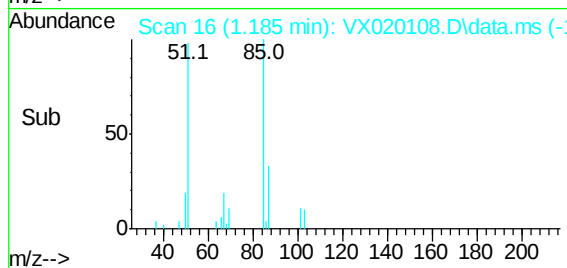
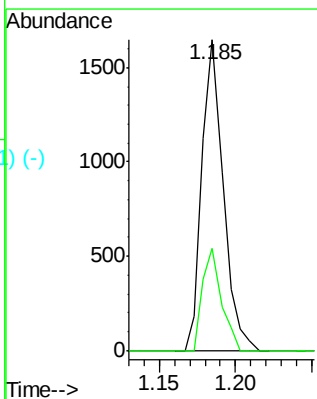
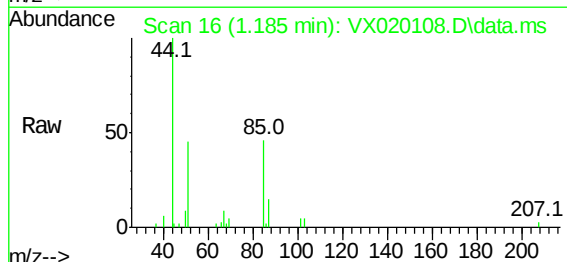
Instrument :
MSVOA_X
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RE125D2-20201210

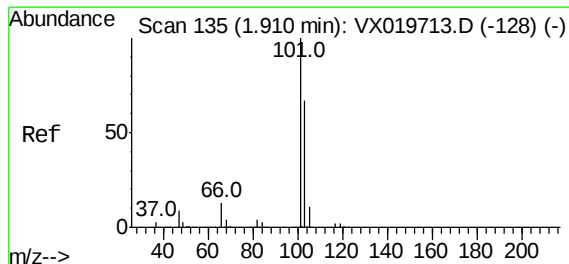
Tgt Ion:168 Resp: 290682
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.60 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion: 85 Resp: 1604
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2

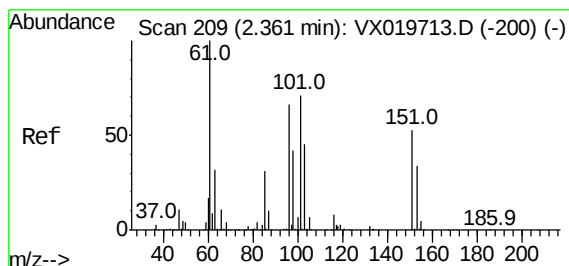
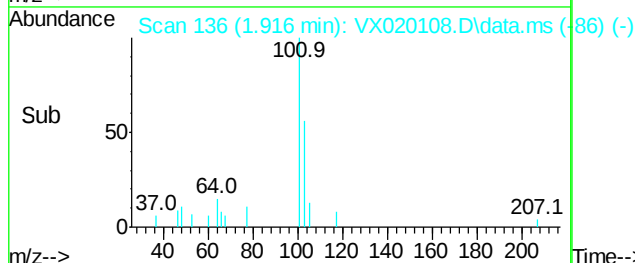
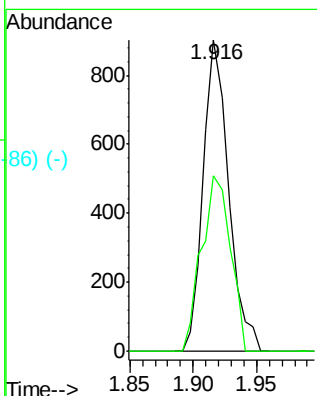
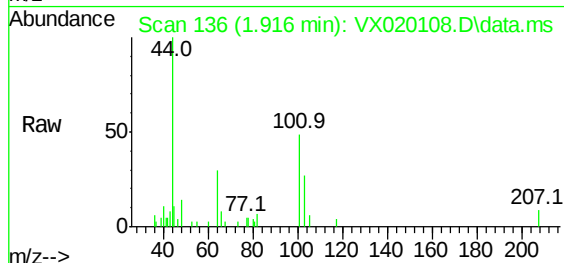




#7
 Trichlorofluoromethane
 Concen: 0.27 ug/l
 RT: 1.916 min Scan# 136
 Delta R.T. 0.006 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

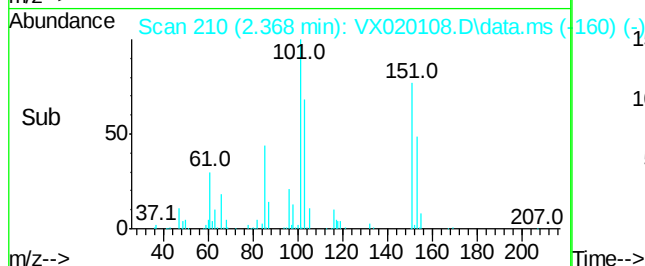
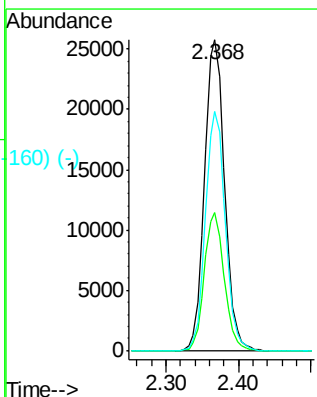
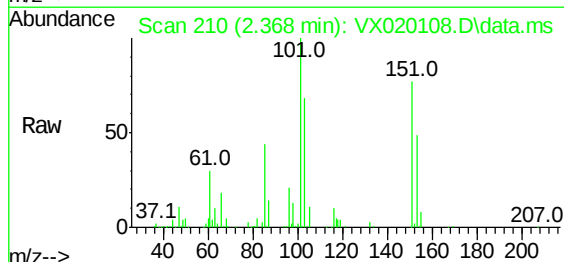
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210

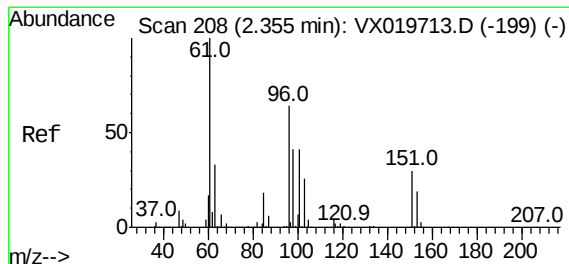
Tgt Ion:101 Resp: 1219
 Ion Ratio Lower Upper
 101 100
 103 56.4 53.2 79.8



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.70 ug/l
 RT: 2.368 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

Tgt Ion:101 Resp: 49262
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.9 52.3
 151 75.9 61.4 92.2

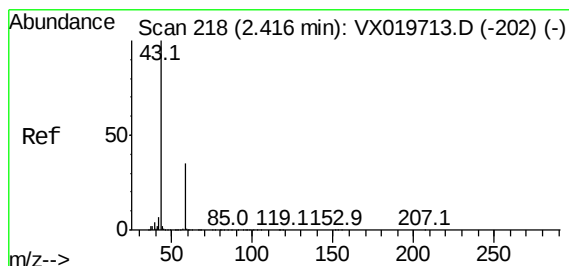
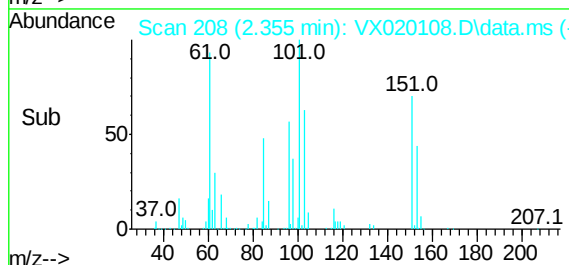
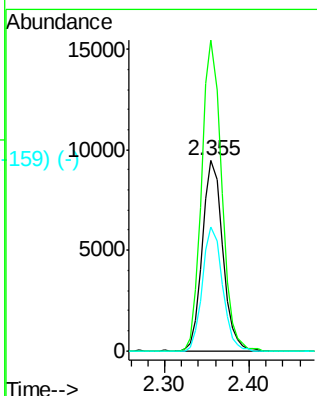
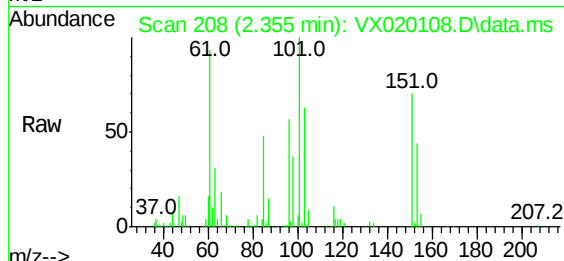




#12
1,1-Dichloroethene
Concen: 5.70 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

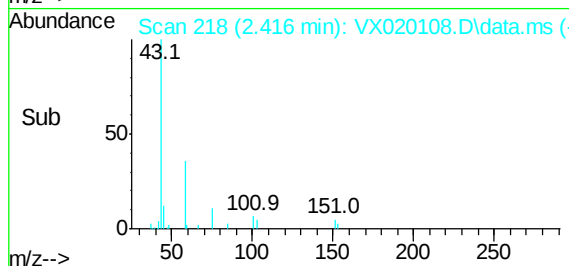
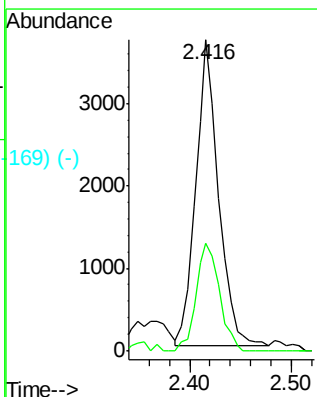
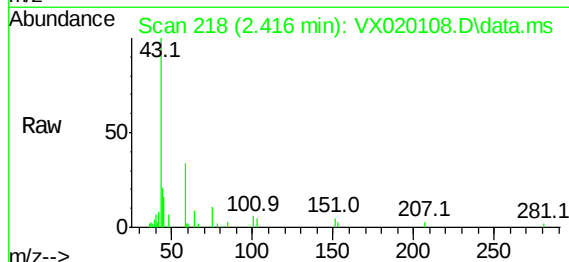
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210

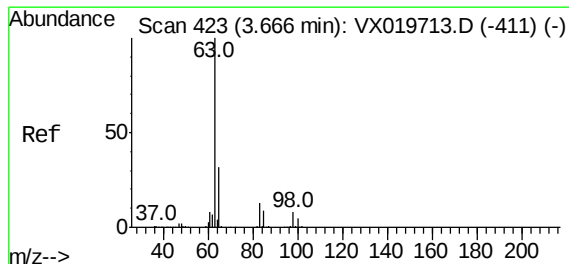
Tgt Ion: 96 Resp: 15185
Ion Ratio Lower Upper
96 100
61 163.4 124.6 187.0
98 65.3 50.6 76.0



#16
Acetone
Concen: 4.04 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion: 43 Resp: 5796
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8

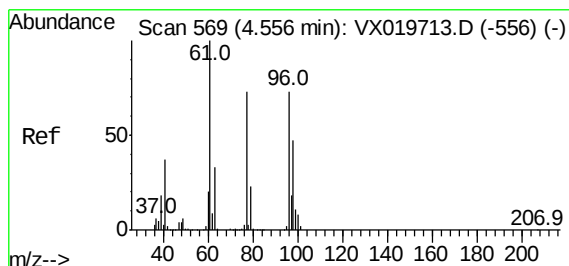
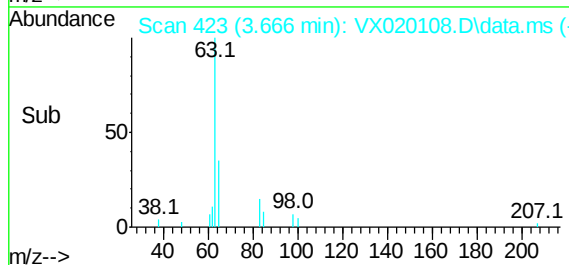
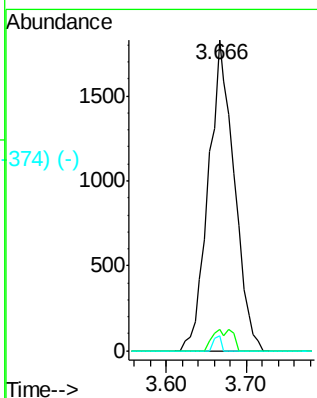
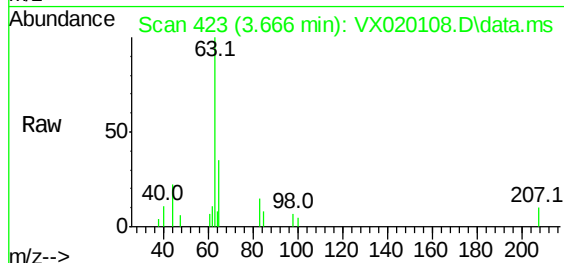




#24
1,1-Dichloroethane
Concen: 0.75 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

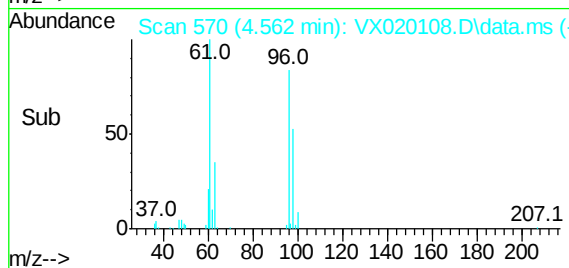
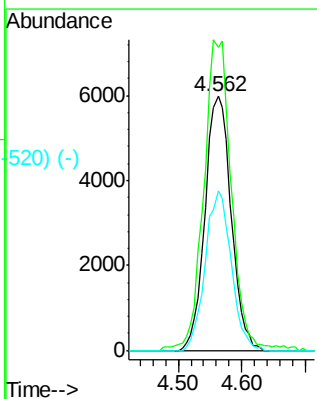
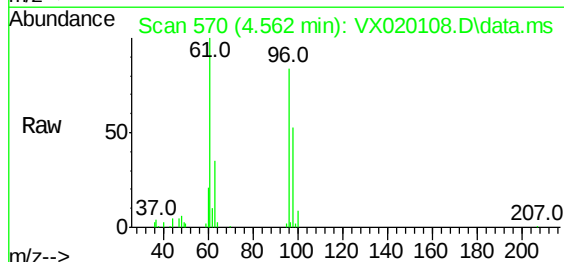
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210

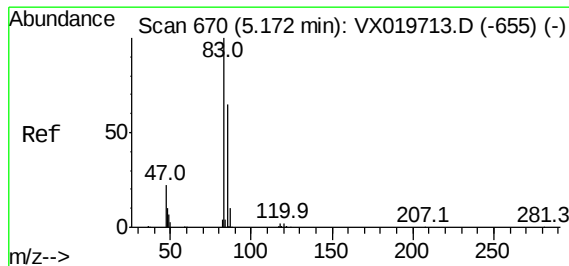
Tgt Ion:	63	Resp:	4090
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.8	2.5	7.5



#27
cis-1,2-Dichloroethene
Concen: 4.56 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion:	96	Resp:	16561
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	285.6
98	62.4	0.0	129.6

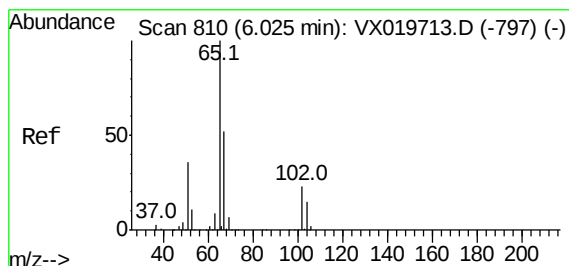
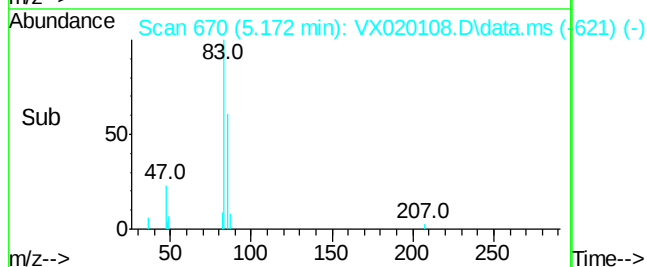
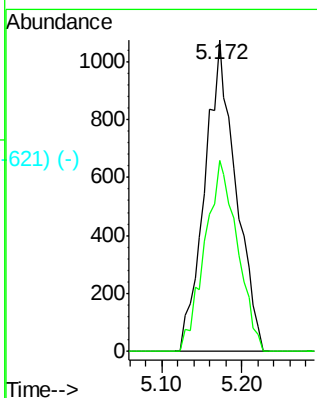
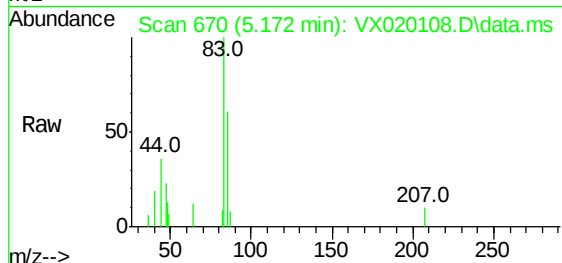




#30
Chloroform
Concen: 0.51 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

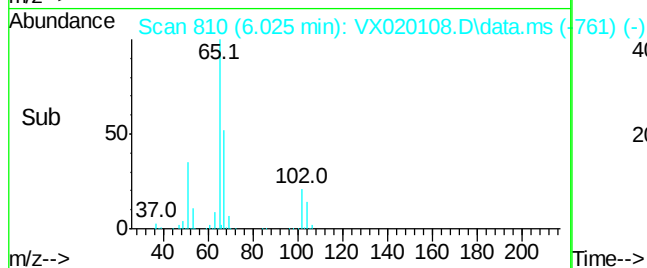
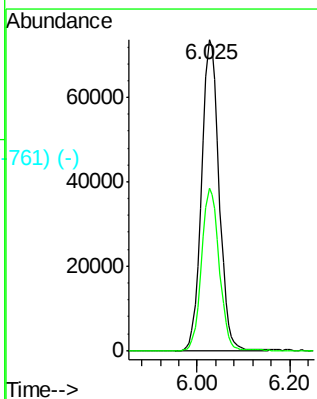
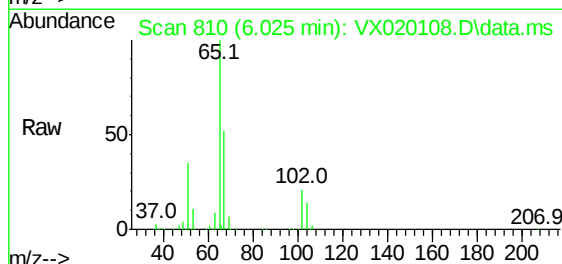
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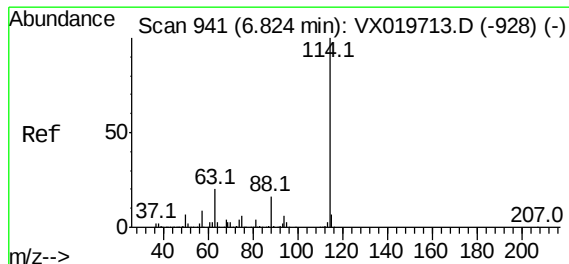
Tgt Ion: 83 Resp: 2897
Ion Ratio Lower Upper
83 100
85 61.4 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 50.45 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion: 65 Resp: 192751
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

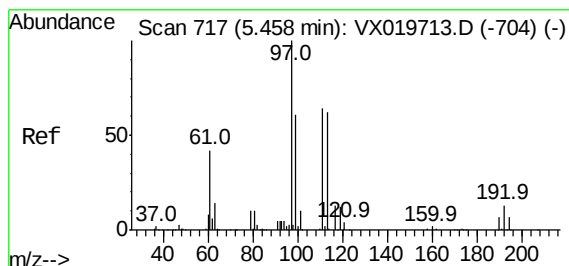
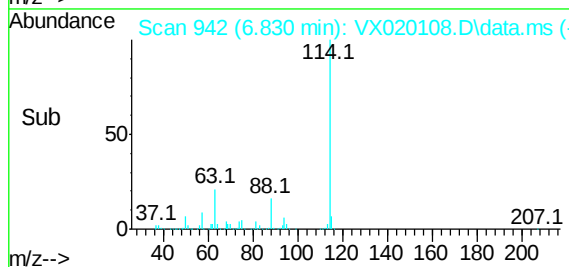
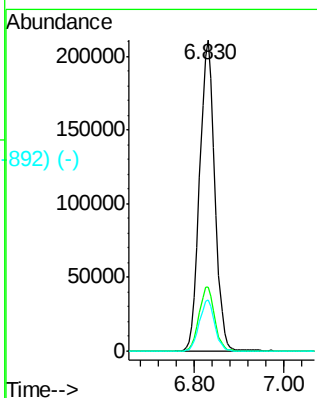
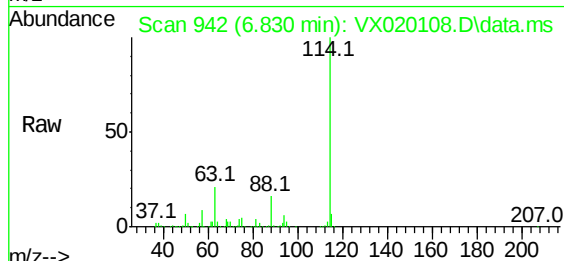




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

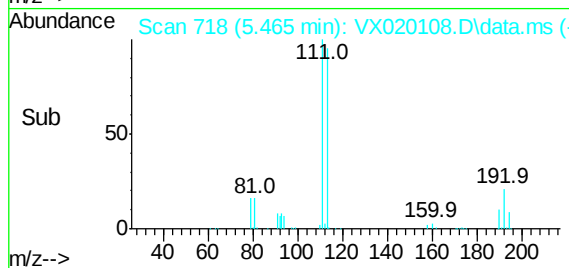
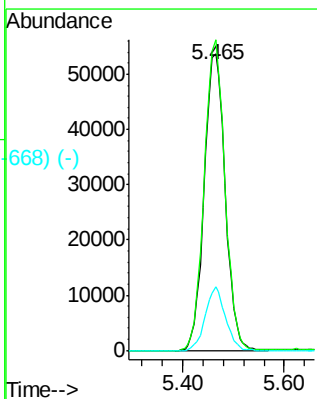
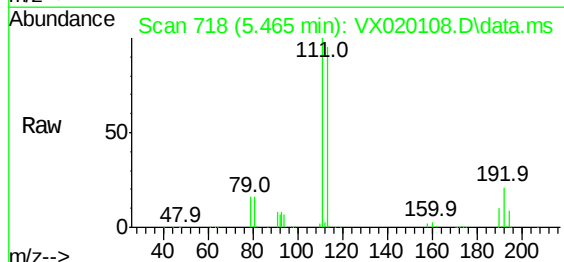
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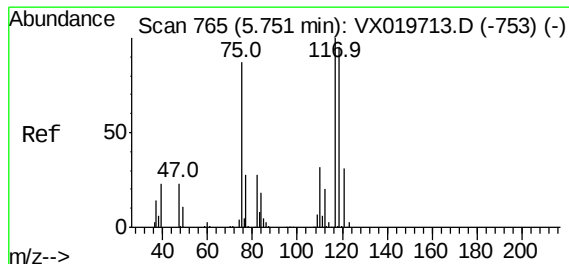
Tgt Ion:	114	Resp:	491619
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.48 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion:	113	Resp:	154040
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.9	122.9
192	20.3	16.7	25.1

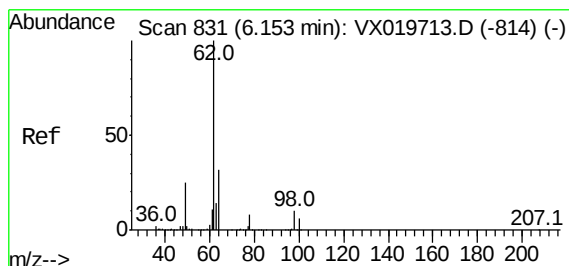
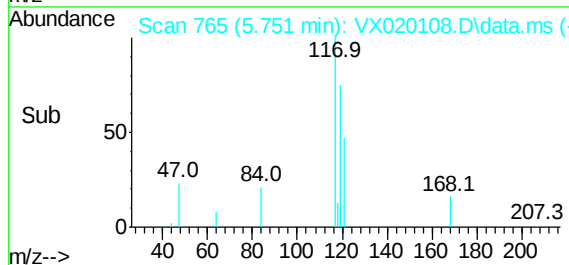
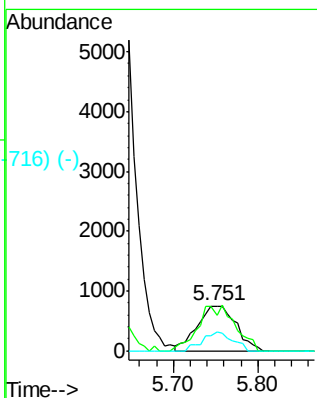
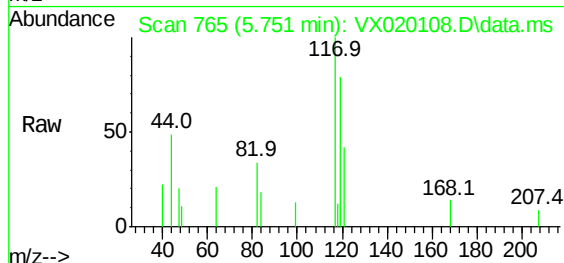




#38
Carbon Tetrachloride
Concen: 0.53 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

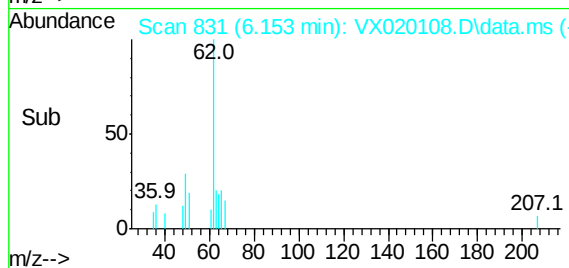
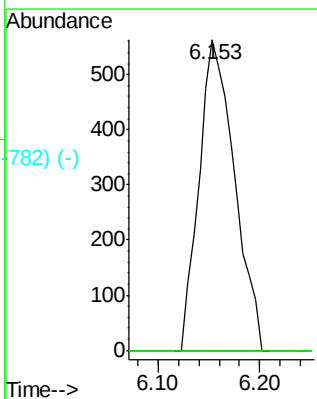
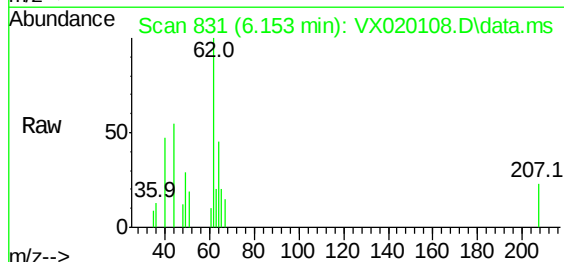
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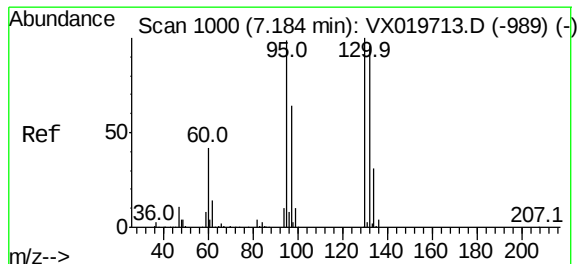
Tgt Ion:117 Resp: 2326
Ion Ratio Lower Upper
117 100
119 79.3 76.2 114.2
121 41.5 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.29 ug/l
RT: 6.153 min Scan# 831
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion: 62 Resp: 1361
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

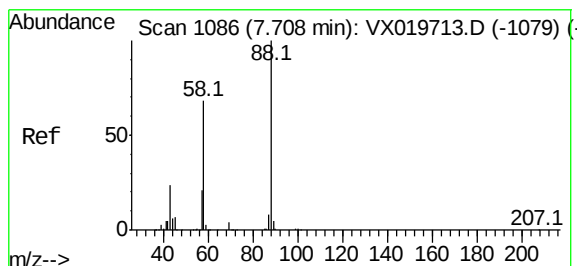
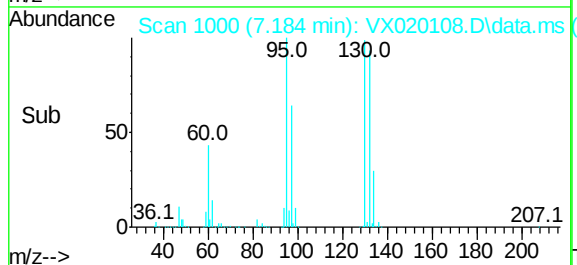
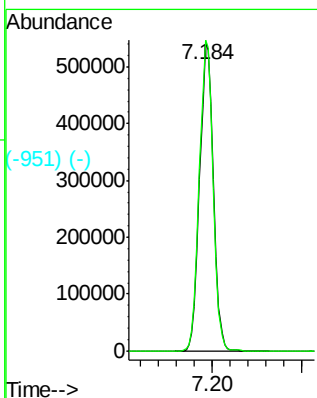
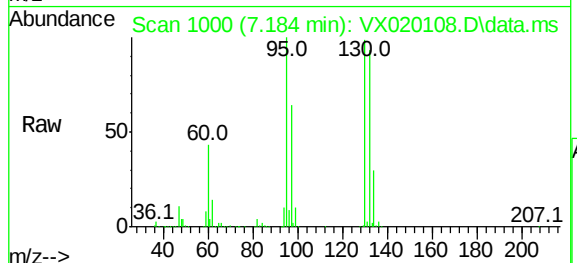




#44
 Trichloroethene
 Concen: 322.38 ug/l
 RT: 7.184 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

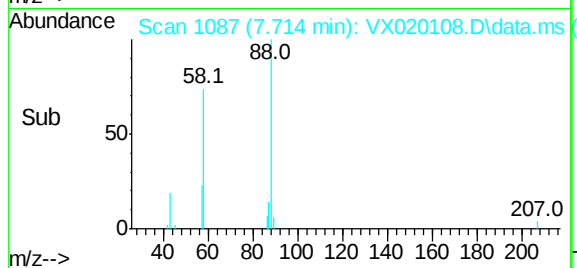
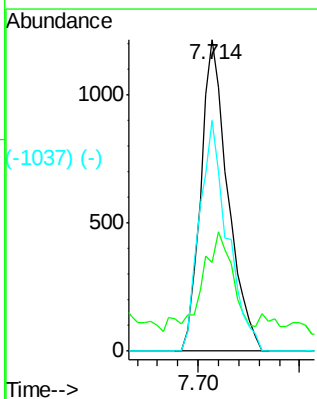
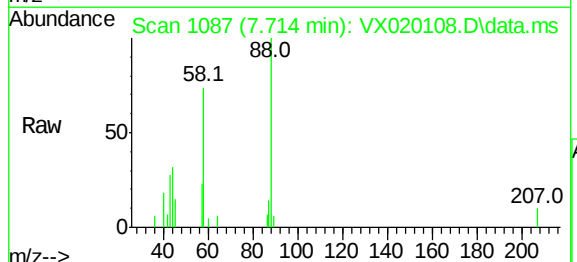
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210

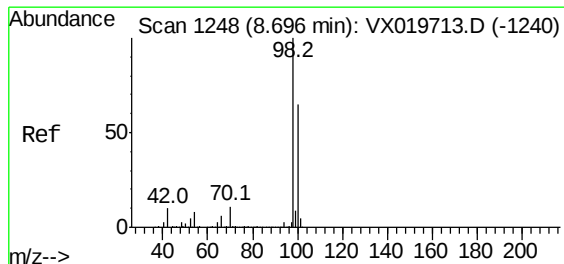
Tgt Ion:130 Resp: 1147860
 Ion Ratio Lower Upper
 130 100
 95 101.0 0.0 198.0



#49
 1,4-Dioxane
 Concen: 25.73 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.006 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

Tgt Ion: 88 Resp: 2235
 Ion Ratio Lower Upper
 88 100
 43 30.2 23.2 34.8
 58 76.8 55.0 82.4

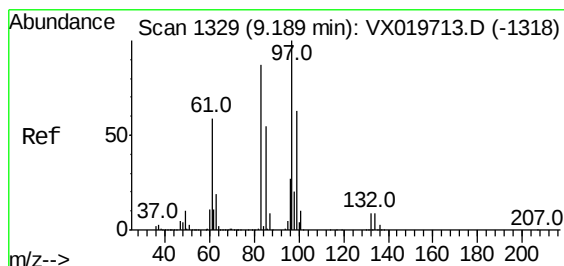
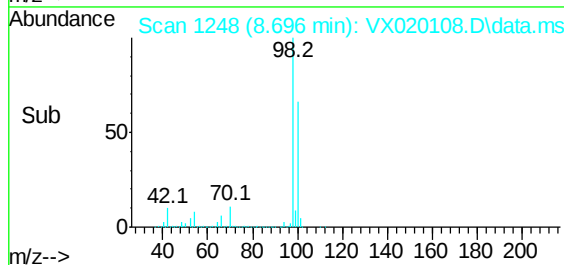
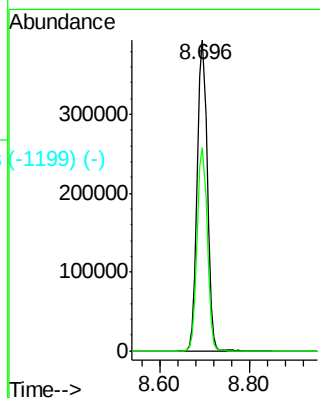
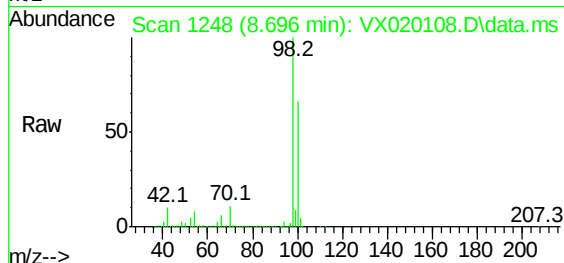




Toluene-d8
 Concen: 49.33 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.000 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

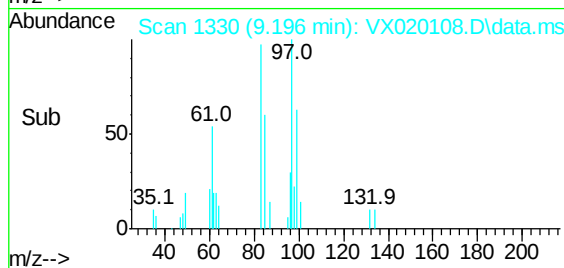
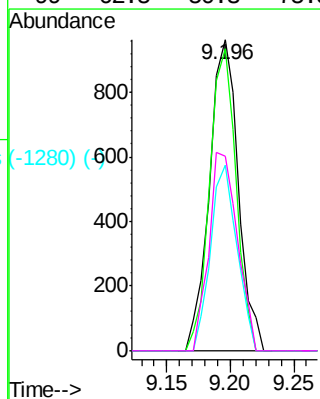
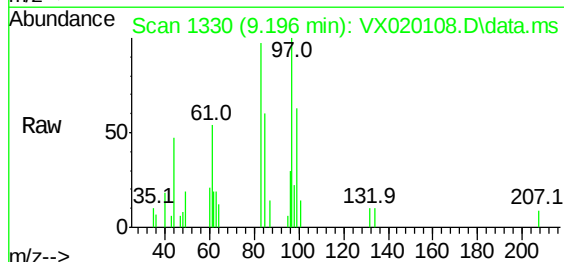
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210

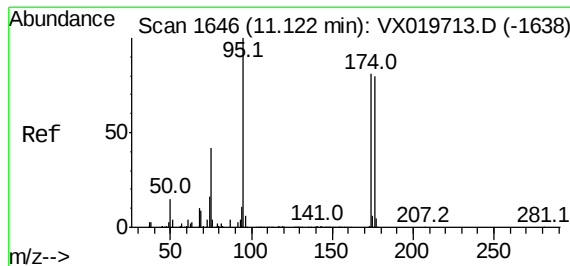
Tgt Ion: 98 Resp: 598397
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.9 77.9



1,1,2-Trichloroethane
 Concen: 0.43 ug/l
 RT: 9.196 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VX020108.D
 Acq: 17 Dec 2020 08:37

Tgt Ion: 97 Resp: 1476
 Ion Ratio Lower Upper
 97 100
 83 97.3 69.3 103.9
 85 59.6 44.3 66.5
 99 62.5 50.3 75.5

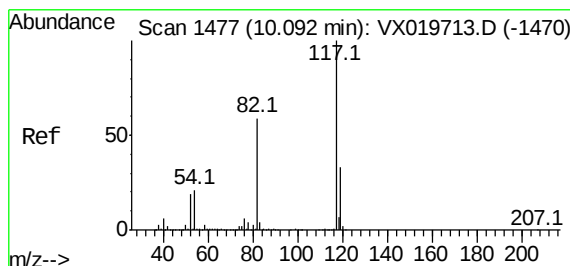
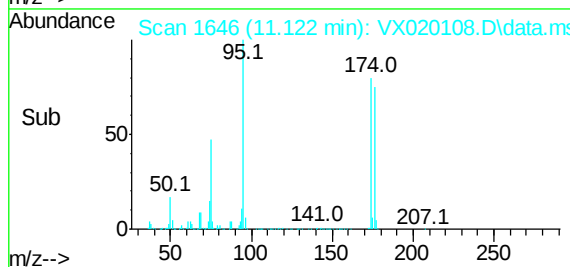
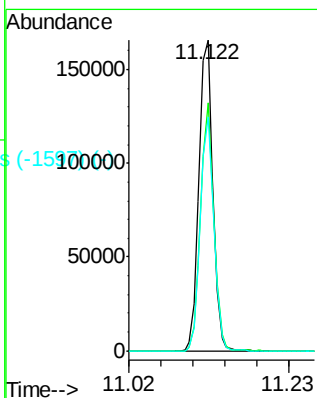
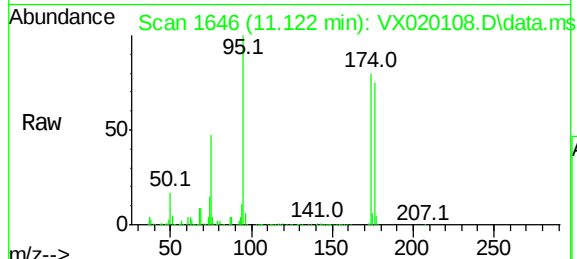




#62
4-Bromofluorobenzene
Concen: 45.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

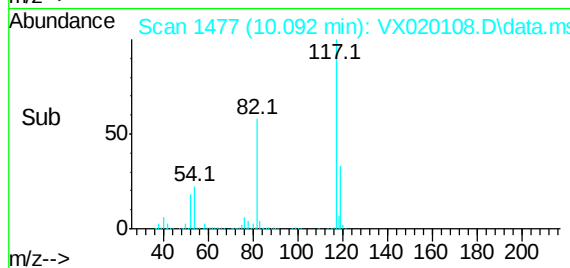
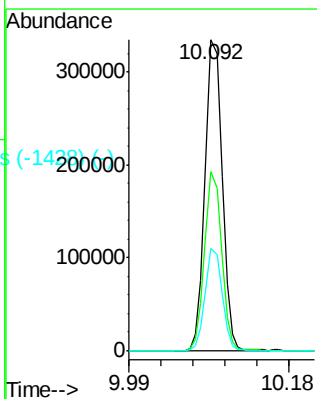
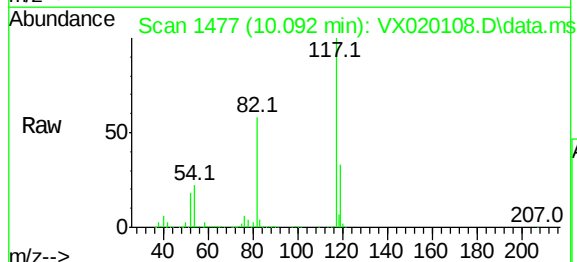
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210

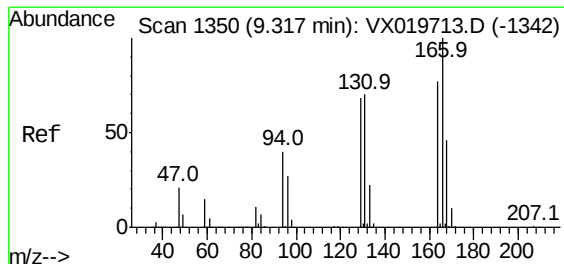
Tgt Ion: 95 Resp: 207790
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion: 117 Resp: 453516
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.9 26.6 39.8

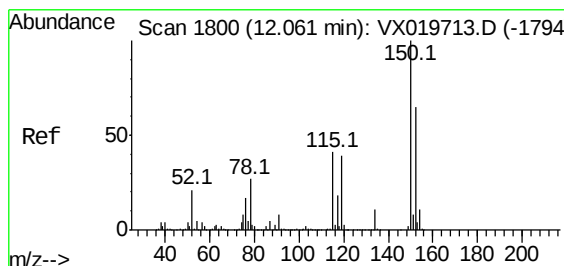
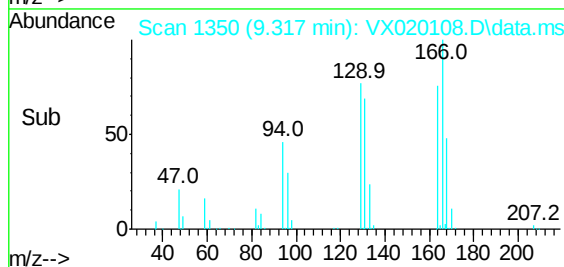
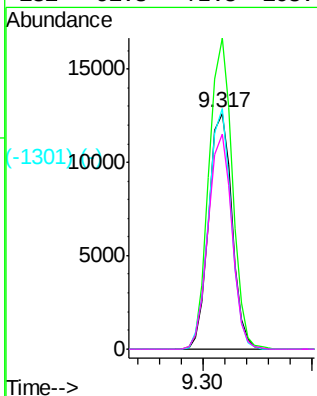
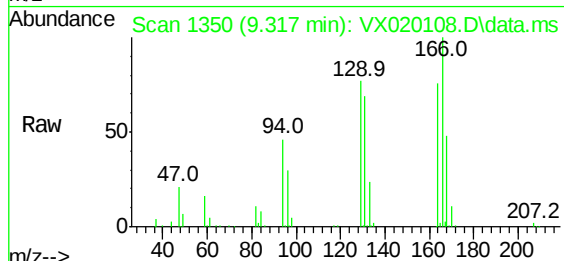




Tetrachloroethene
Concen: 6.10 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210

Tgt Ion:164 Resp: 18559
Ion Ratio Lower Upper
164 100
166 132.0 103.4 155.2
129 101.8 70.8 106.2
131 91.3 72.5 108.7



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VX020108.D
Acq: 17 Dec 2020 08:37

Tgt Ion:152 Resp: 193611
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.7 0.0 349.0

