

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
 Data File : VX020107.D
 Acq On : 17 Dec 2020 08:14
 Operator : JC/MD
 Sample : L5053-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20201210

Quant Time: Dec 18 09:02:19 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	291626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	490776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	451105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	191631	50.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.00%
35) Dibromofluoromethane	5.464	113	152694	48.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.28%
50) Toluene-d8	8.695	98	595794	49.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.40%
62) 4-Bromofluorobenzene	11.116	95	210048	45.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.14%

Target Compounds

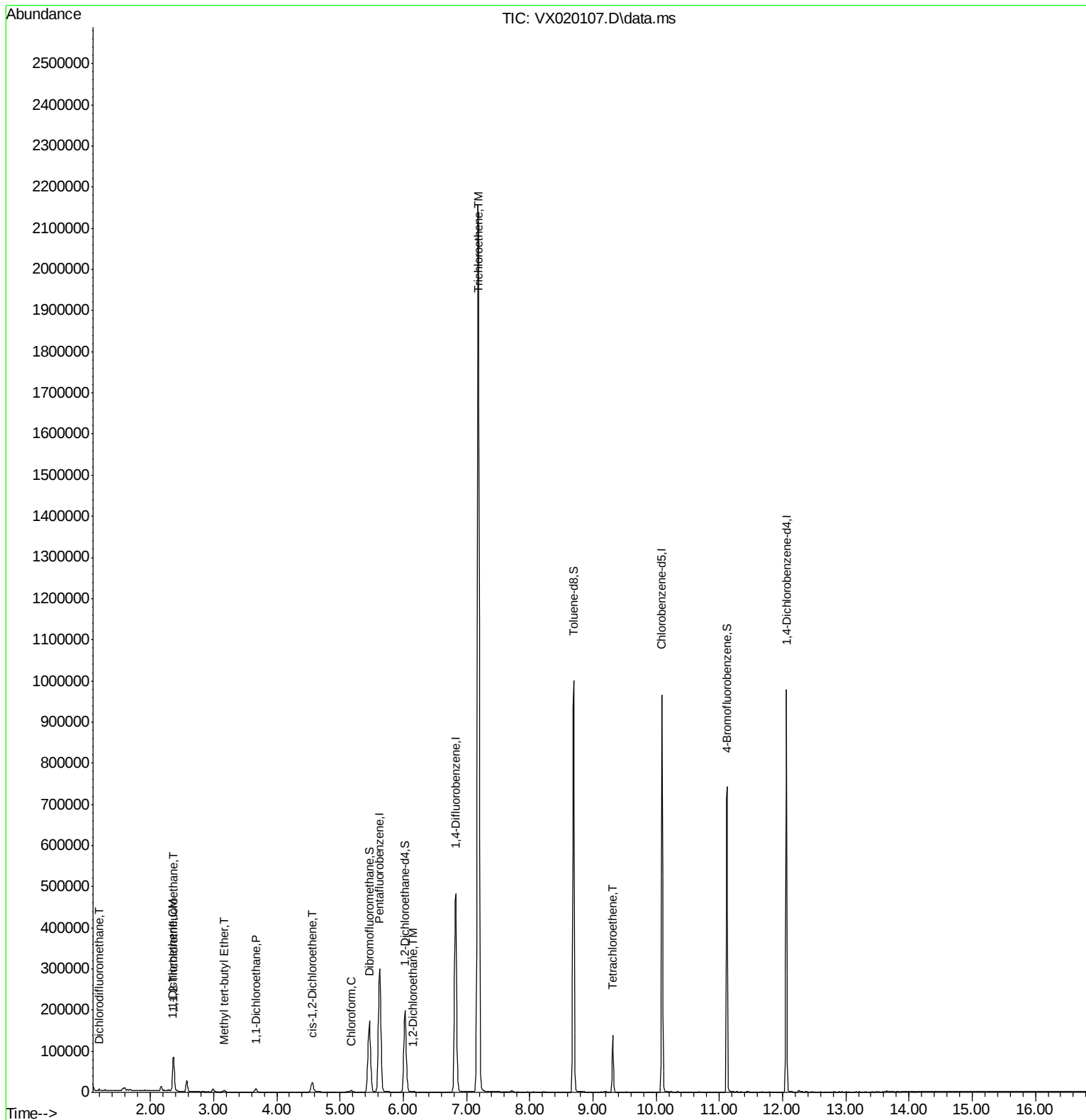
						Qvalue
2) Dichlorodifluoromethane	1.185	85	1091	0.41	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.367	101	28827	10.91	ug/l	99
12) 1,1-Dichloroethene	2.355	96	6312	2.36	ug/l	86
19) Methyl tert-butyl Ether	3.166	73	4079	0.42	ug/l	94
24) 1,1-Dichloroethane	3.672	63	8183	1.49	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	14888	4.08	ug/l	94
30) Chloroform	5.178	83	4206	0.74	ug/l	94
42) 1,2-Dichloroethane	6.159	62	1115	0.24	ug/l	91
44) Trichloroethene	7.184	130	847124	238.33	ug/l	99
64) Tetrachloroethene	9.317	164	27074	8.95	ug/l	96

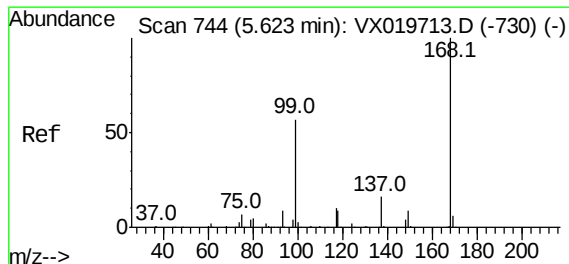
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 09:02:19 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

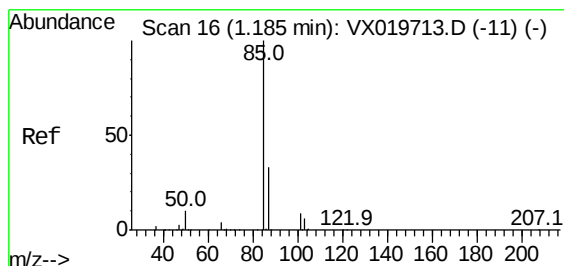
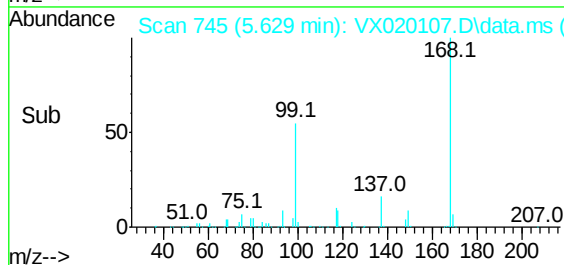
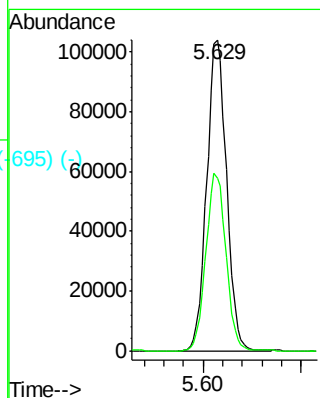
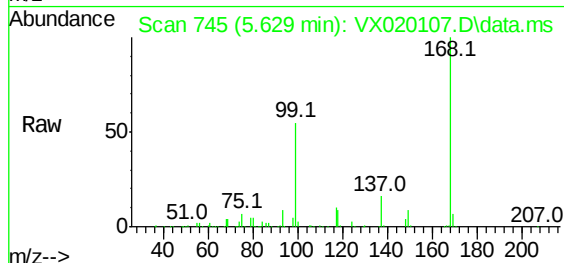




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

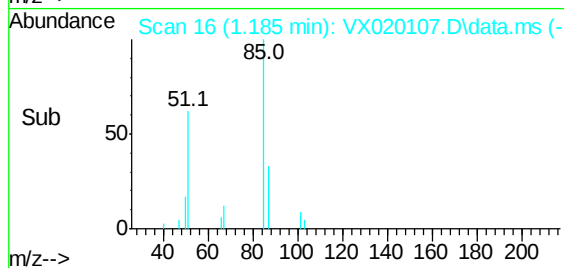
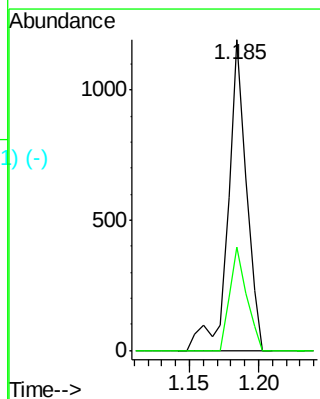
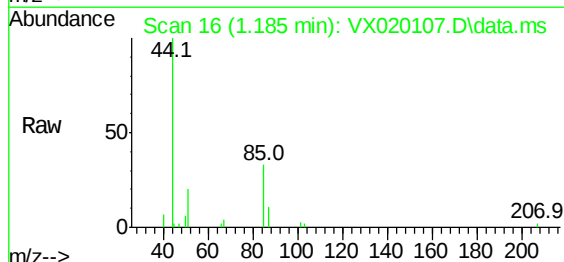
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210

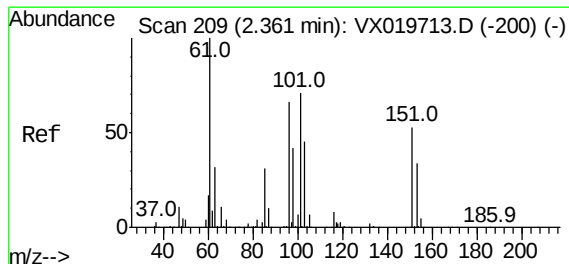
Tgt Ion:168 Resp: 291626
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.41 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion: 85 Resp: 1091
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

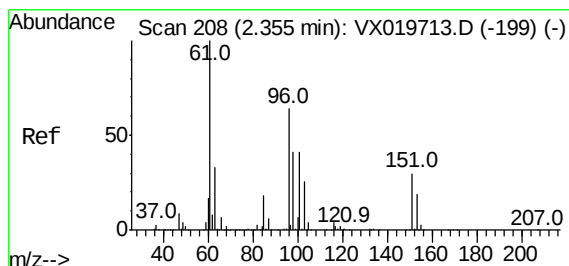
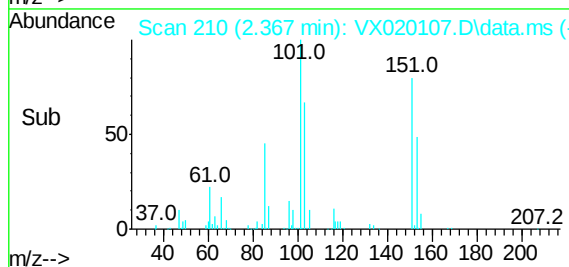
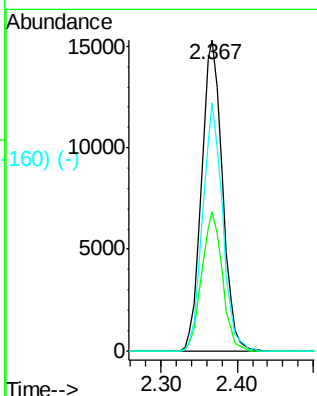
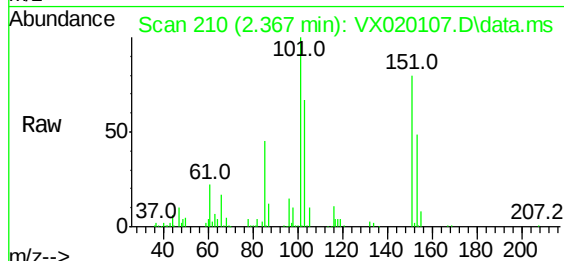




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.91 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

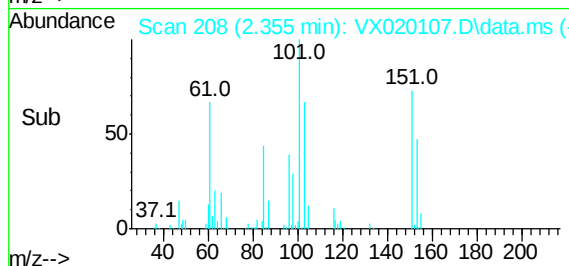
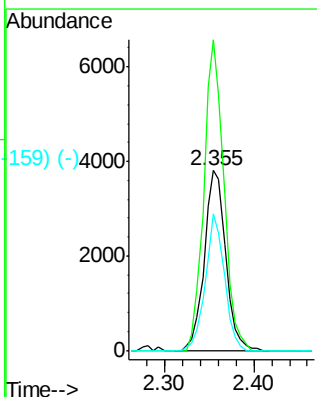
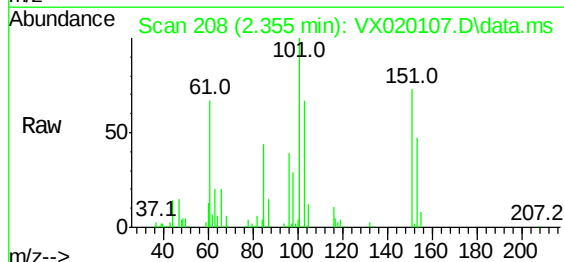
Instrument :
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ClientSampleId :
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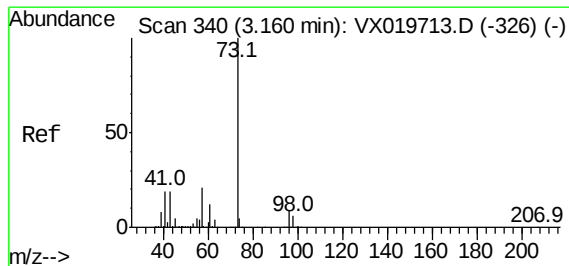
Tgt Ion:101 Resp: 28827
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 75.6 61.4 92.2



#12
1,1-Dichloroethene
Concen: 2.36 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion: 96 Resp: 6312
Ion Ratio Lower Upper
96 100
61 172.9 124.6 187.0
98 75.8 50.6 76.0

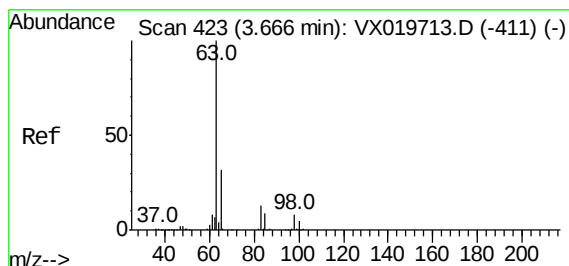
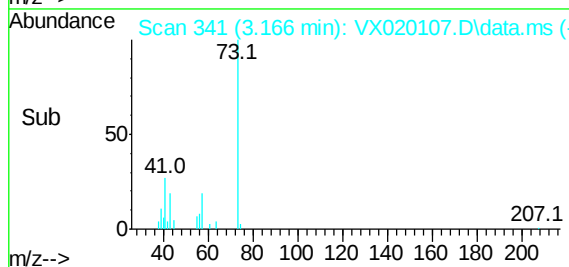
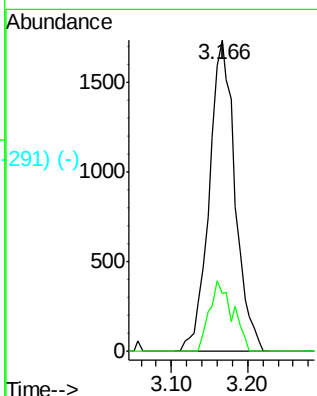
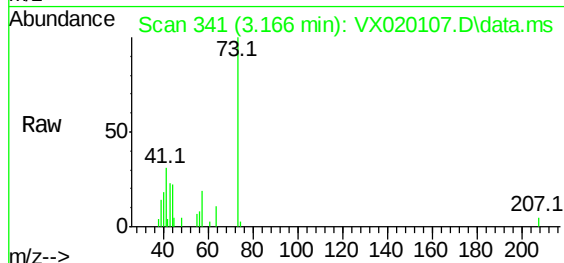




#19
Methyl tert-butyl Ether
Concen: 0.42 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

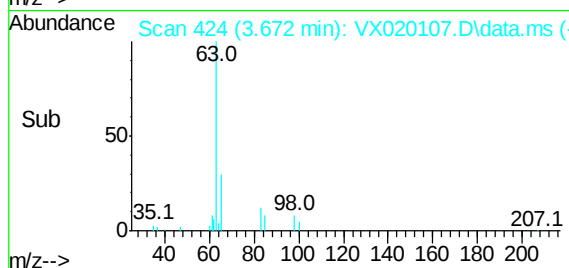
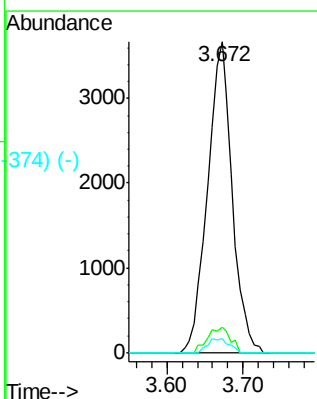
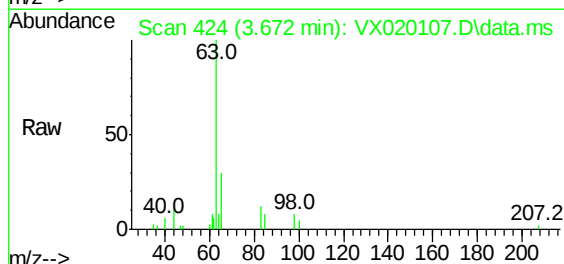
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210

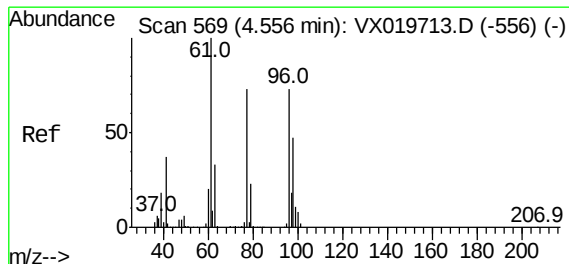
Tgt Ion: 73 Resp: 4079
Ion Ratio Lower Upper
73 100
57 18.6 17.1 25.7



#24
1,1-Dichloroethane
Concen: 1.49 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion: 63 Resp: 8183
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.6 2.5 7.5

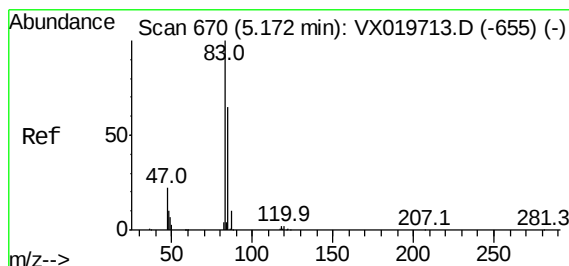
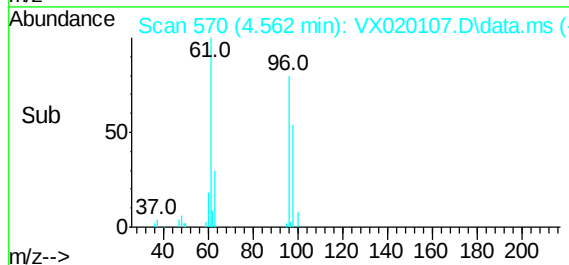
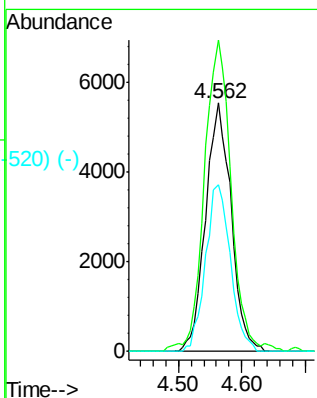
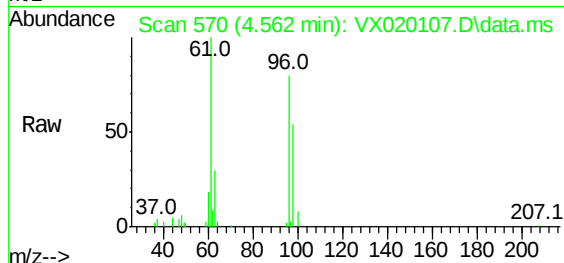




#27
cis-1,2-Dichloroethene
Concen: 4.08 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

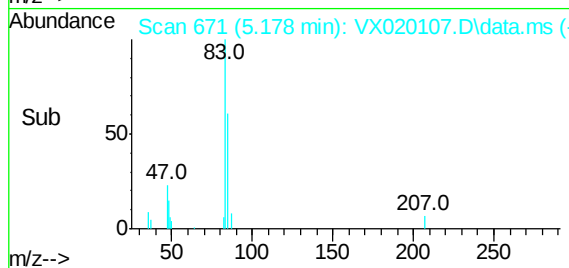
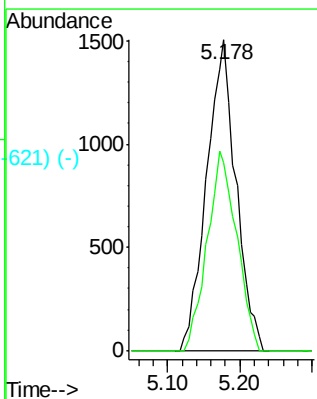
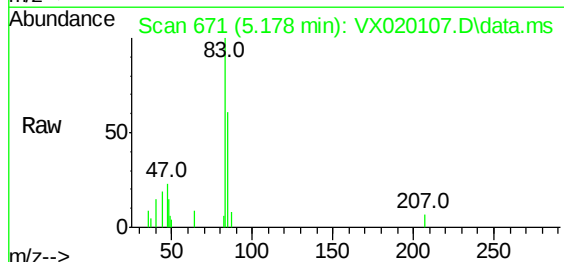
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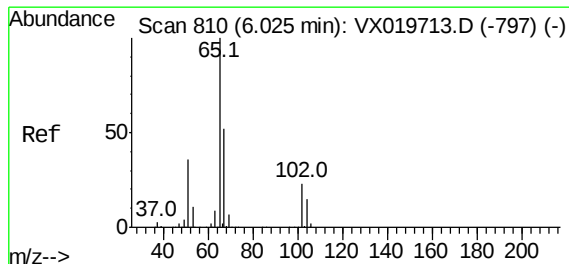
Tgt Ion: 96 Resp: 14888
Ion Ratio Lower Upper
96 100
61 131.8 0.0 285.6
98 65.0 0.0 129.6



#30
Chloroform
Concen: 0.74 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion: 83 Resp: 4206
Ion Ratio Lower Upper
83 100
85 60.6 52.0 78.0

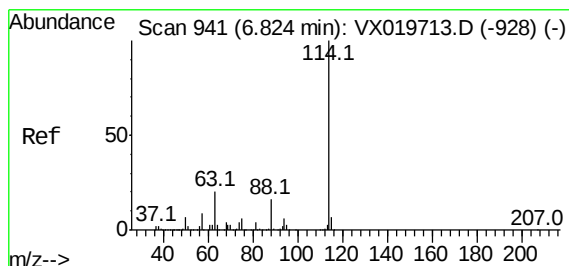
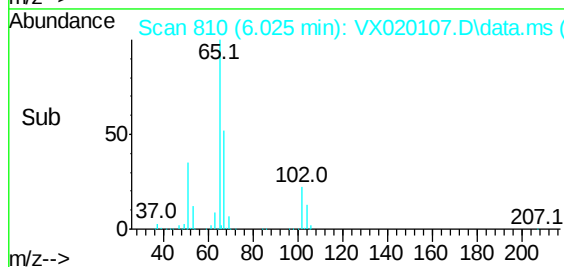
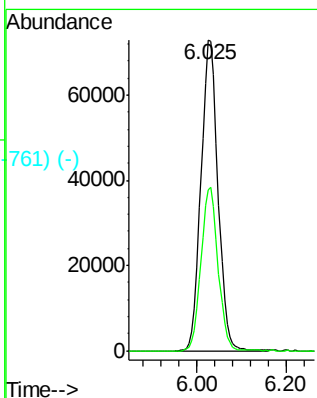
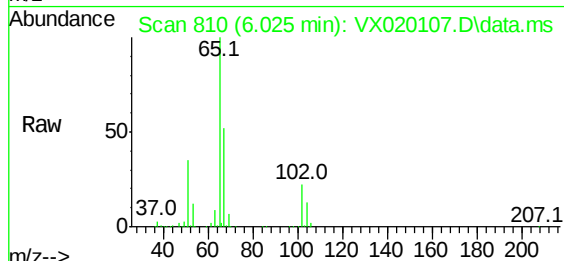




#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. -0.000 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

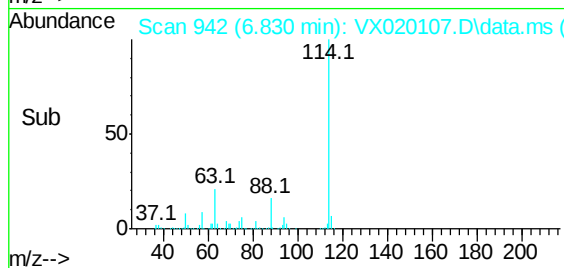
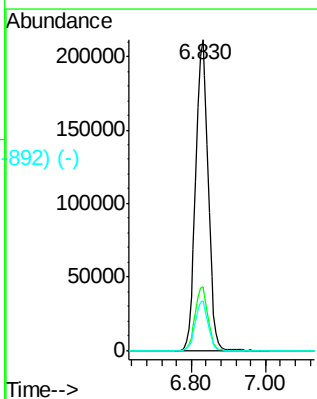
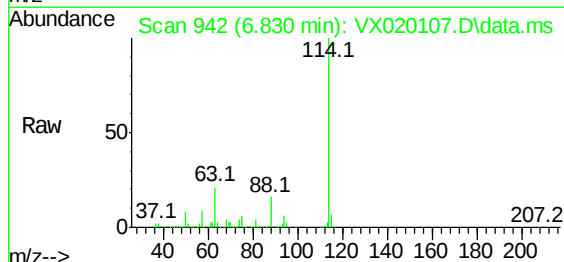
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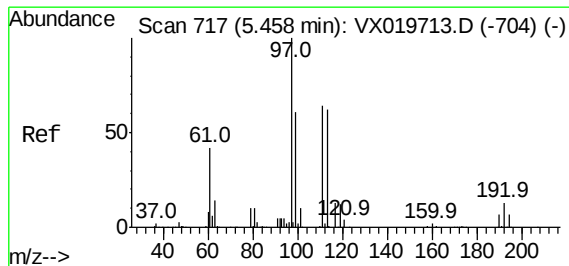
Tgt Ion: 65 Resp: 191631
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

Tgt Ion:114 Resp: 490776
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.1 0.0 32.8

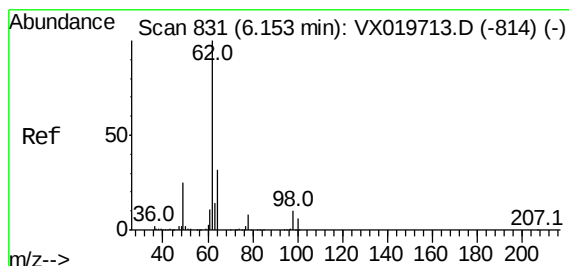
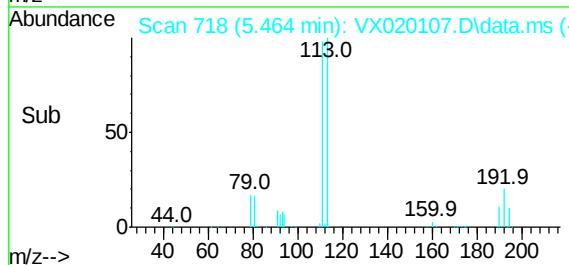
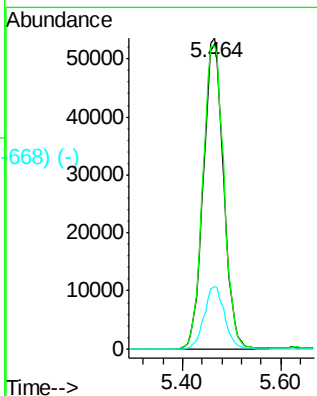
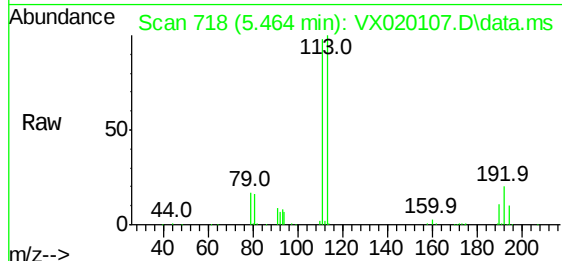




#35
 Dibromofluoromethane
 Concen: 48.14 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

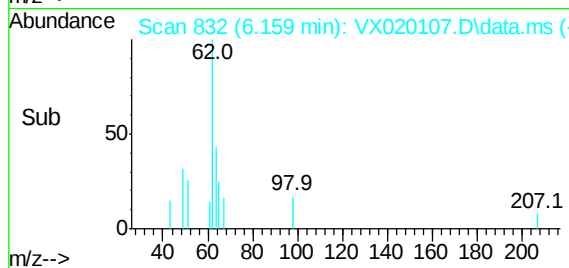
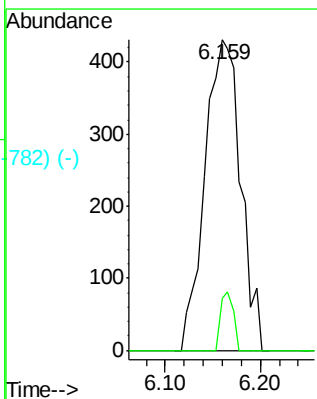
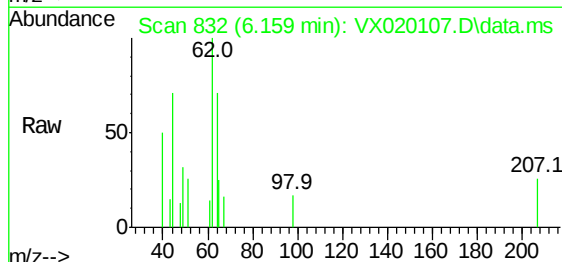
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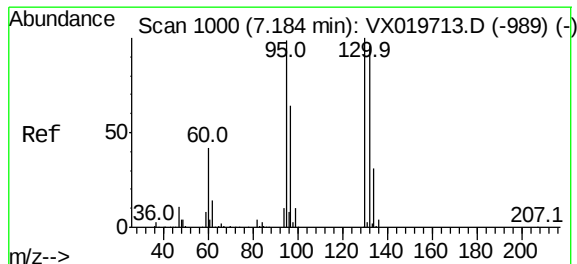
Tgt Ion:113 Resp: 152694
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 20.2 16.7 25.1



#42
 1,2-Dichloroethane
 Concen: 0.24 ug/l
 RT: 6.159 min Scan# 832
 Delta R.T. 0.006 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

Tgt Ion: 62 Resp: 1115
 Ion Ratio Lower Upper
 62 100
 98 6.8 0.0 20.2

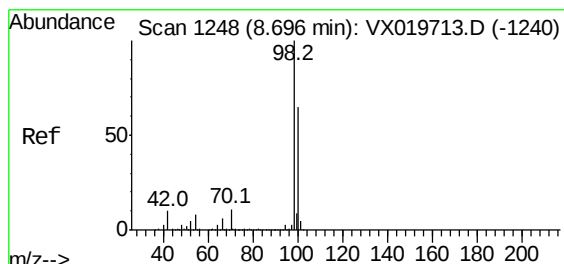
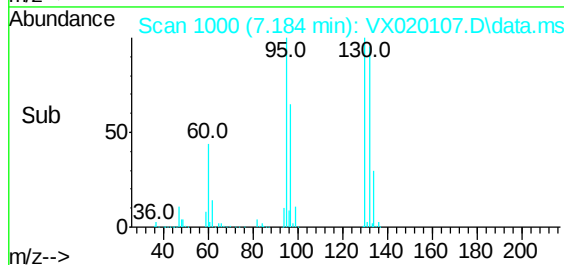
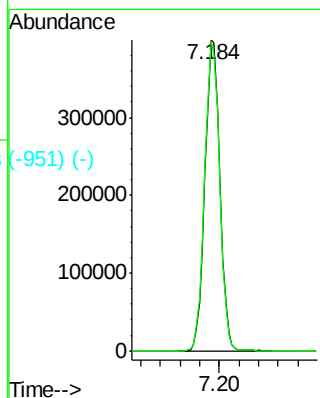
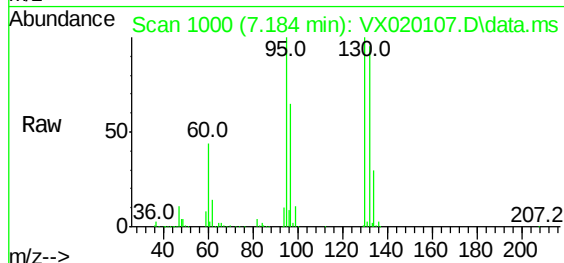




#44
 Trichloroethene
 Concen: 238.33 ug/l
 RT: 7.184 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

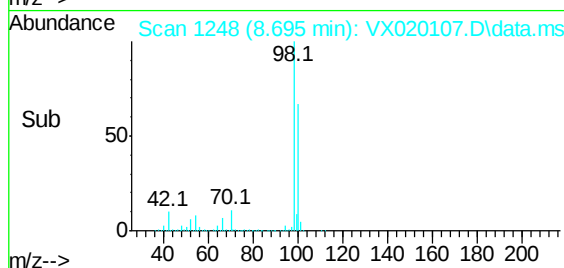
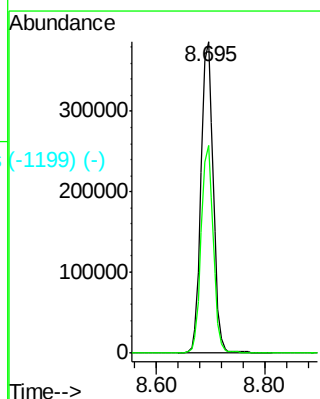
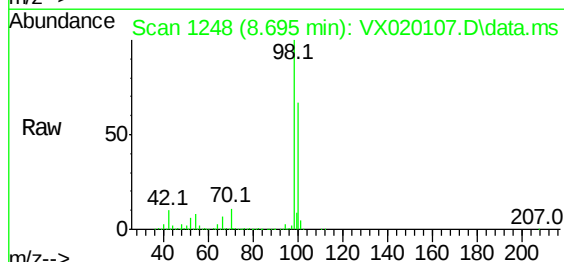
Instrument :
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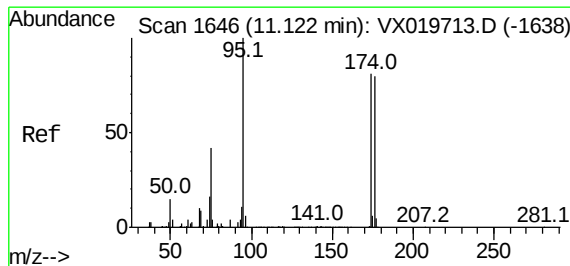
Tgt Ion:130 Resp: 847124
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 198.0



#50
 Toluene-d8
 Concen: 49.20 ug/l
 RT: 8.695 min Scan# 1248
 Delta R.T. -0.000 min
 Lab File: VX020107.D
 Acq: 17 Dec 2020 08:14

Tgt Ion: 98 Resp: 595794
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.9 77.9

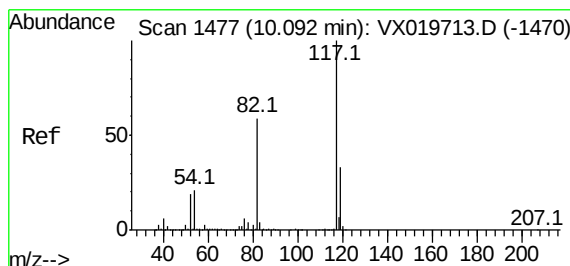
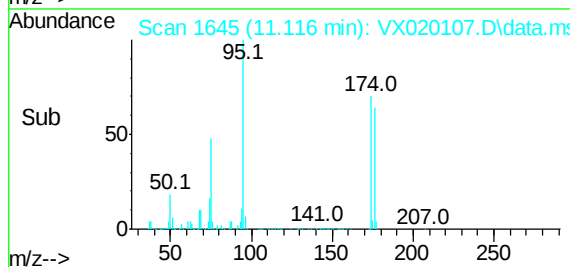
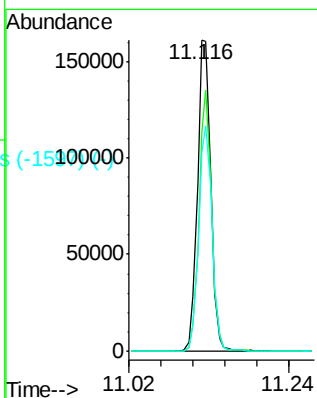
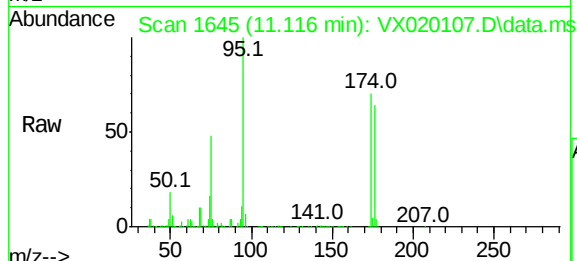




#62
4-Bromofluorobenzene
Concen: 45.57 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

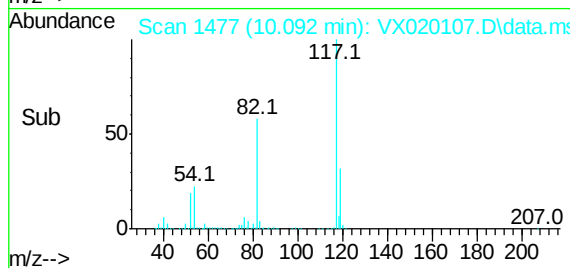
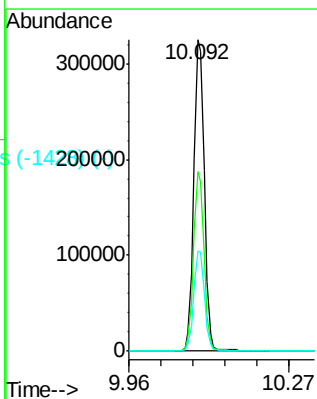
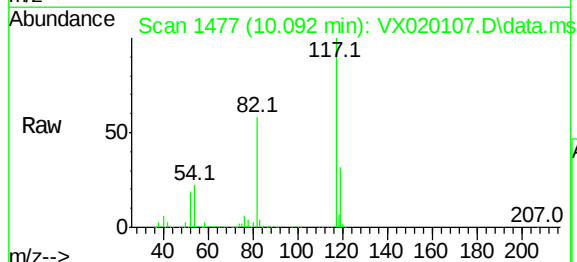
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210

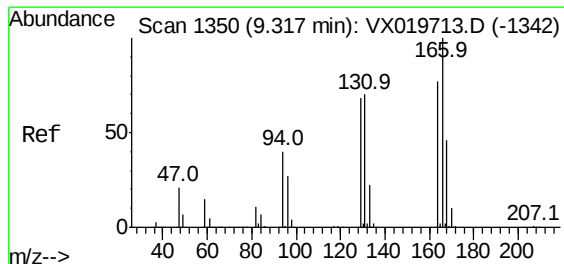
Tgt Ion: 95 Resp: 210048
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion: 117 Resp: 451105
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.1 26.6 39.8

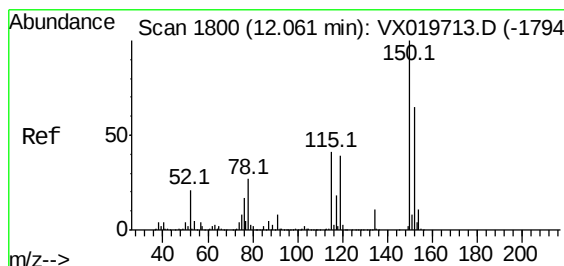
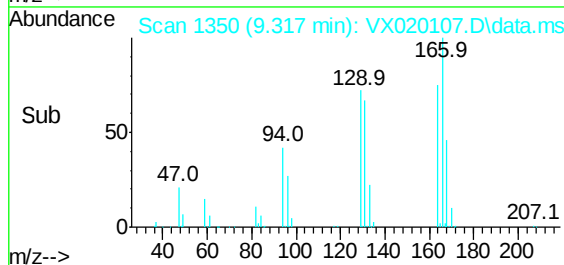
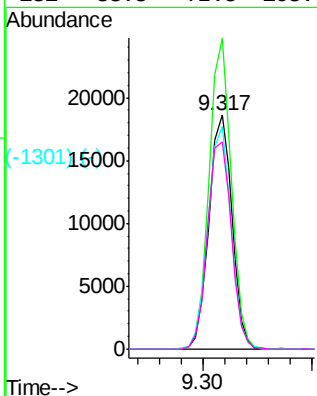
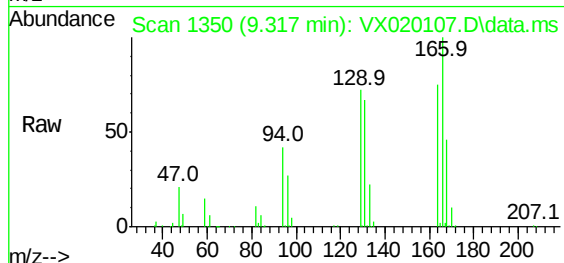




Tetrachloroethene
Concen: 8.95 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VX020107.D
Acq: 17 Dec 2020 08:14

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20201210

Tgt Ion:	164	Resp:	27074
Ion	Ratio	Lower	Upper
164	100		
166	132.9	103.4	155.2
129	95.2	70.8	106.2
131	88.8	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: VX020107.D
Acq: 17 Dec 2020 08:14

Tgt Ion:	152	Resp:	194370
Ion	Ratio	Lower	Upper
152	100		
115	61.7	41.1	123.3
150	157.6	0.0	349.0

