

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122320\
 Data File : Vw017715.D
 Acq On : 23 Dec 2020 16:30
 Operator : SY/VA
 Sample : L5189-16
 Misc : 4.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 08

Quant Time: Dec 24 01:38:01 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

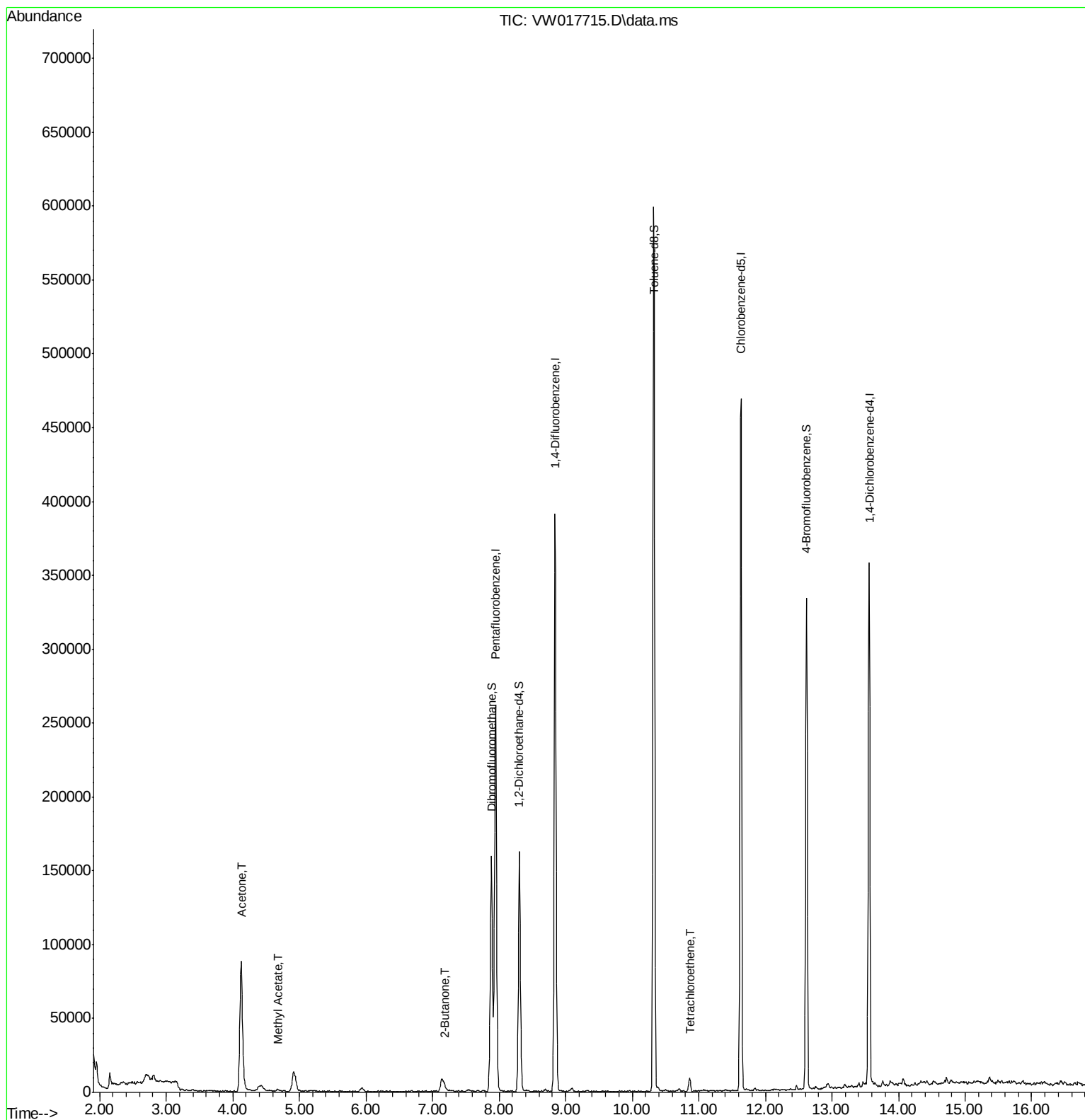
Internal Standards						
1) Pentafluorobenzene	7.945	168	191515	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	322637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	253419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	88844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	127767	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.884	113	106524	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.323	98	380974	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.615	95	104285	35.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.28%	
Target Compounds						
16) Acetone	4.129	43	163945	322.98	ug/l	Qvalue 94
18) Methyl Acetate	4.678	43	2416	2.34	ug/l	92
25) 2-Butanone	7.177	43	6694	9.90	ug/l	# 88
64) Tetrachloroethene	10.866	164	1944	1.12	ug/l	# 66

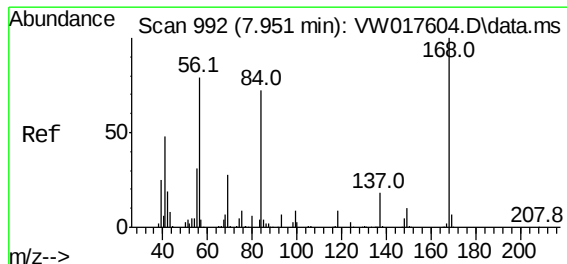
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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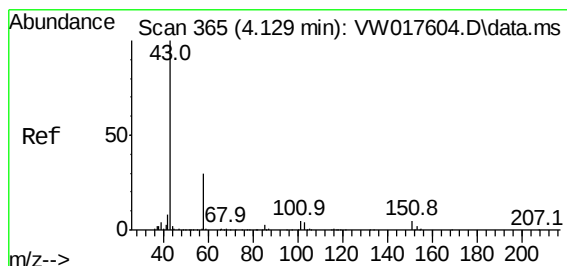
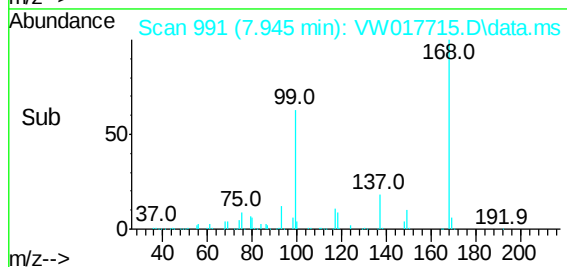
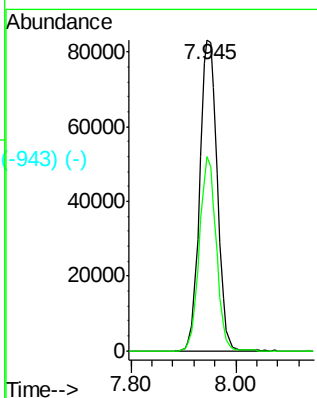
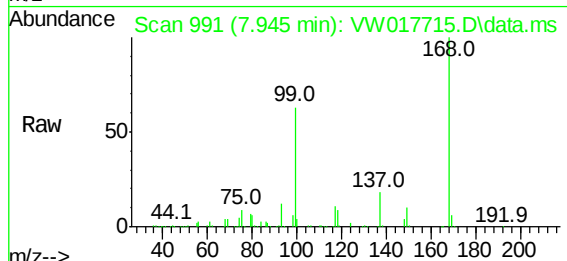




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

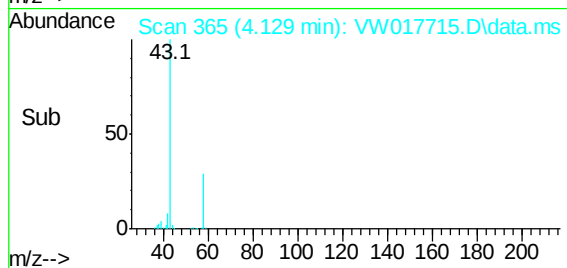
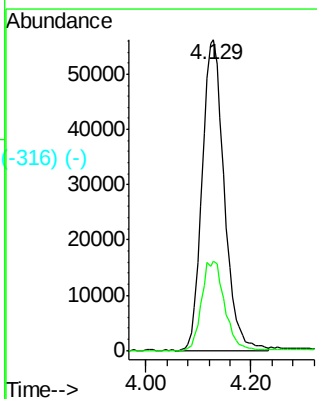
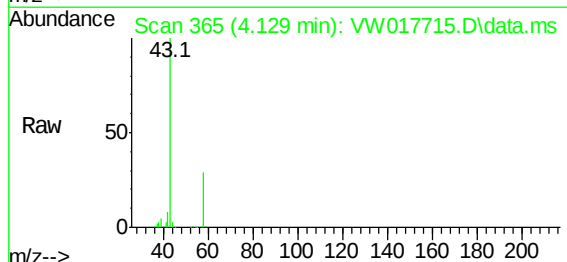
Instrument :
MSVOA_W
ClientSampleId :
08

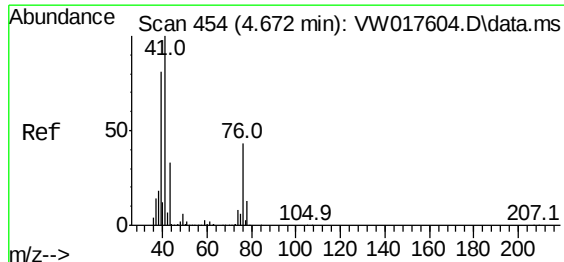
Tgt Ion:168 Resp: 191515
Ion Ratio Lower Upper
168 100
99 62.5 40.7 61.1#



Acetone
Concen: 322.98 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 43 Resp: 163945
Ion Ratio Lower Upper
43 100
58 28.9 25.7 38.5

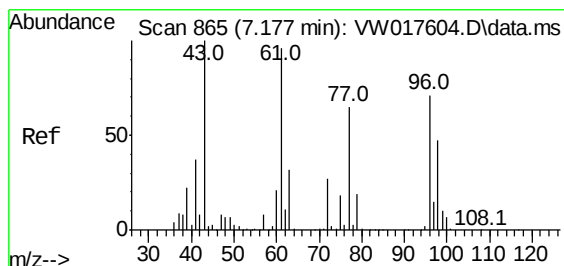
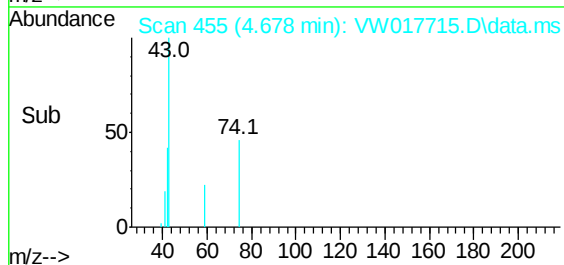
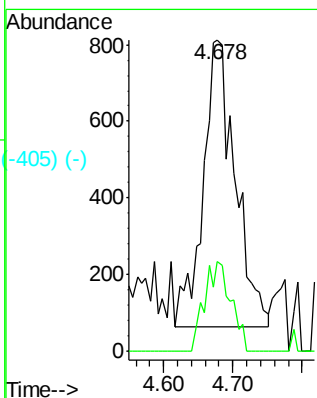
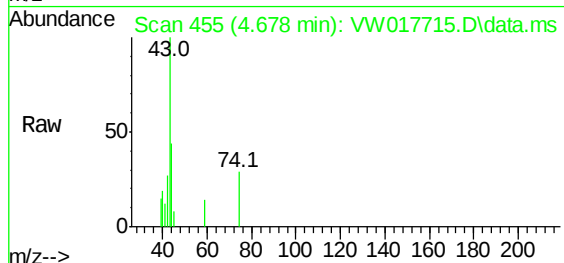




Methyl Acetate
Concen: 2.34 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

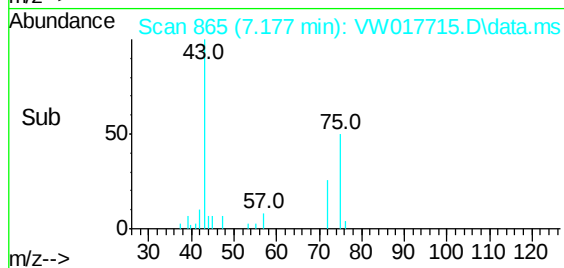
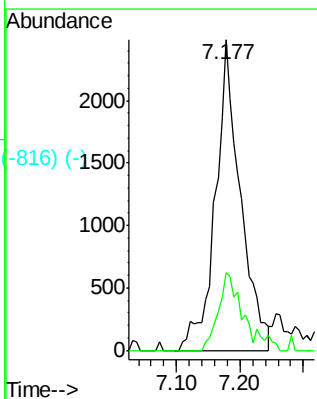
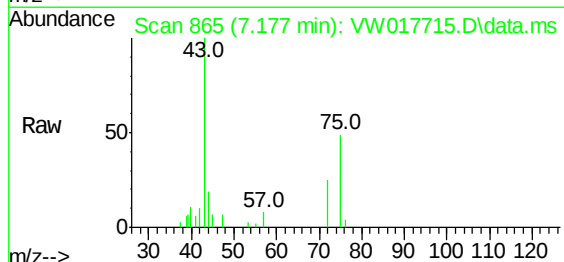
Instrument :
MSVOA_W
ClientSampled :
08

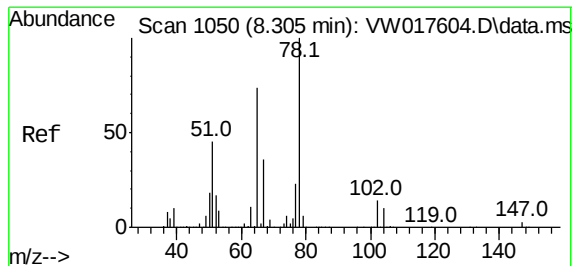
Tgt Ion: 43 Resp: 2416
Ion Ratio Lower Upper
43 100
74 25.5 23.8 35.6



2-Butanone
Concen: 9.90 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 43 Resp: 6694
Ion Ratio Lower Upper
43 100
72 25.2 25.4 38.2#

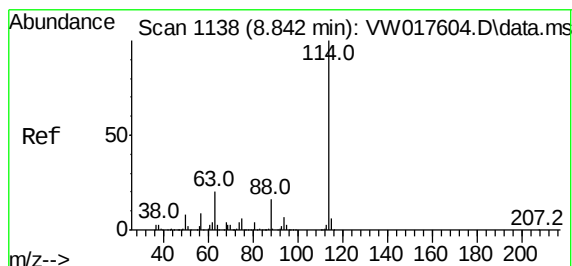
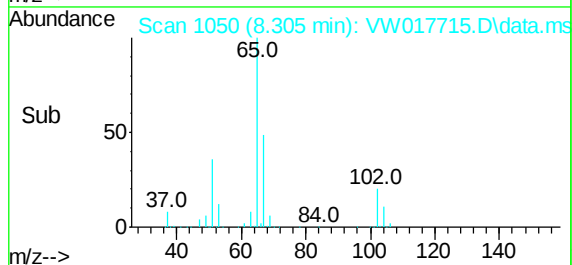
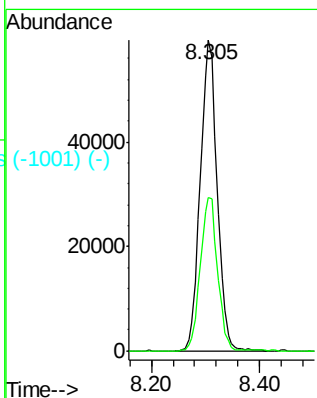
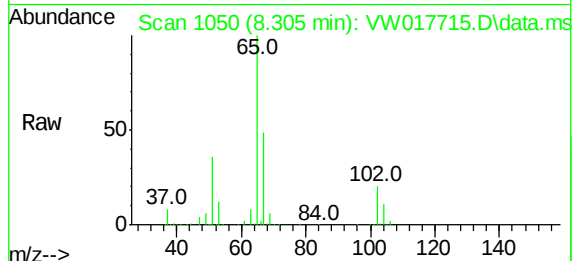




(#1084) (-)
 1,2-Dichloroethane-d4
 Concen: 54.77 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017715.D
 Acq: 23 Dec 2020 16:30

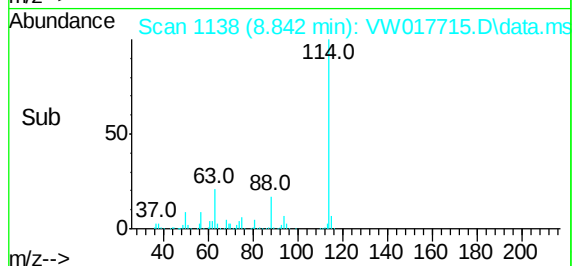
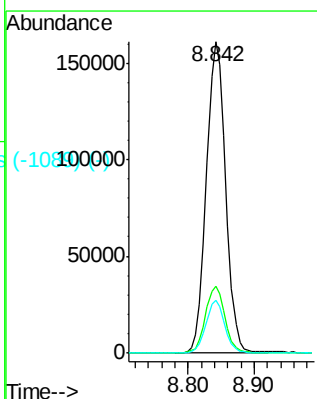
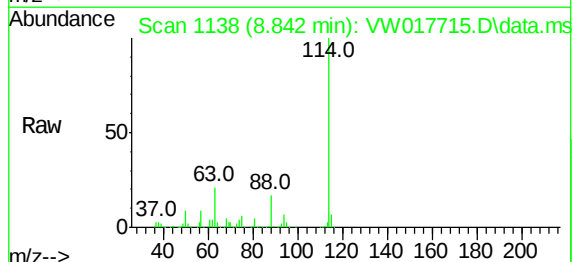
Instrument :
 MSVOA_W
 ClientSampleId :
 08

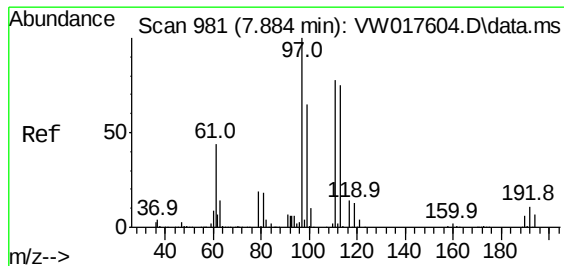
Tgt Ion: 65 Resp: 127767
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.8



(#1128) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017715.D
 Acq: 23 Dec 2020 16:30

Tgt Ion:114 Resp: 322637
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 35.6
 88 16.7 0.0 30.4

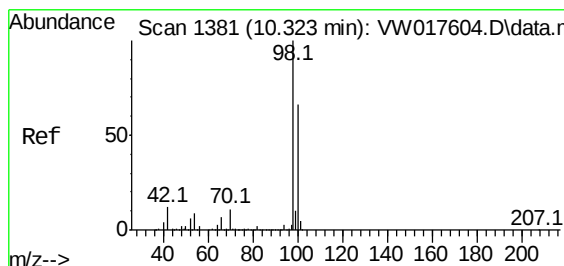
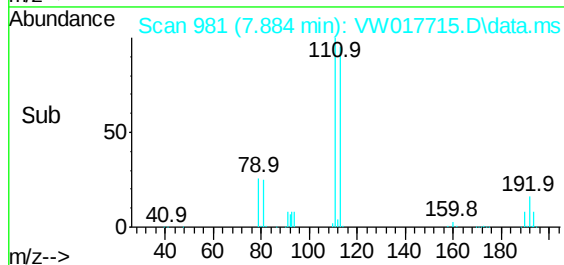
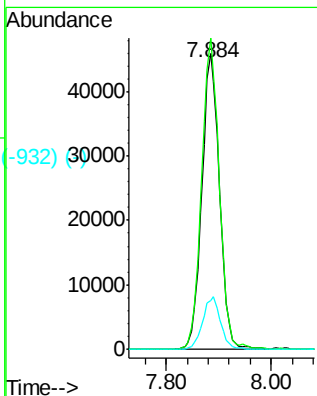
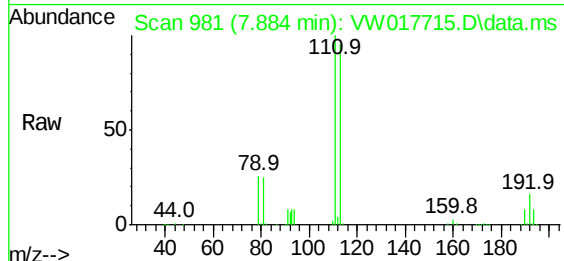




#935 (-)
Dibromofluoromethane
Concen: 49.89 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

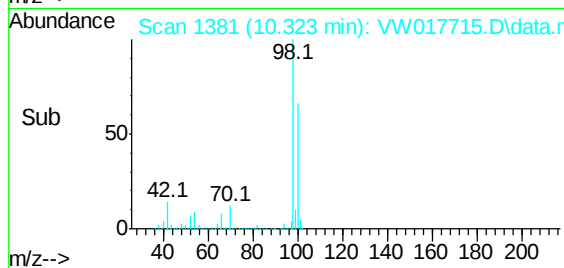
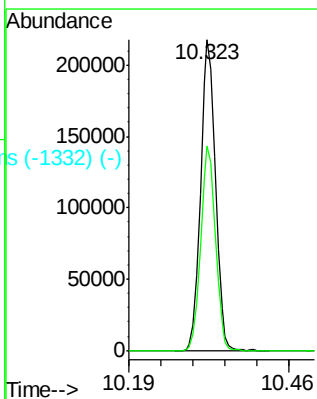
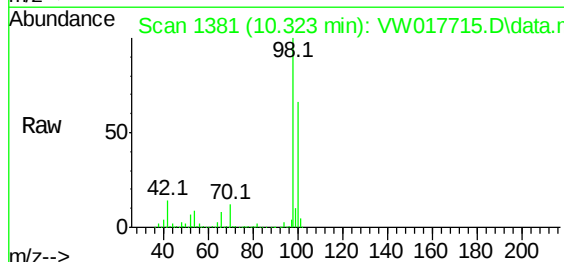
Instrument :
MSVOA_W
ClientSampleId :
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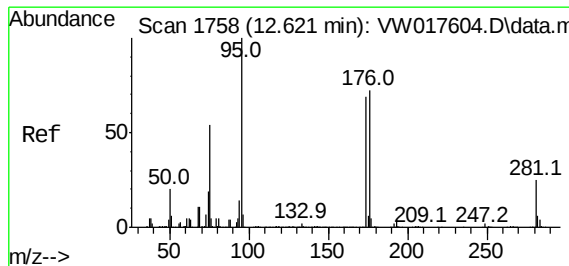
Tgt Ion:113 Resp: 106524
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.2
192 17.4 17.8 26.8#



#510 (-)
Toluene-d8
Concen: 45.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 98 Resp: 380974
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9

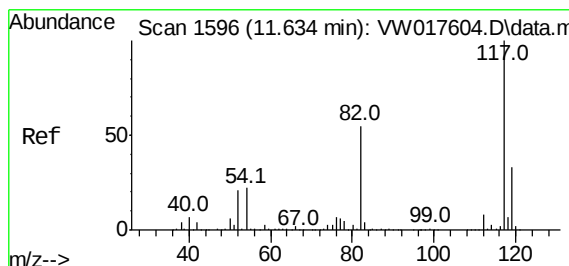
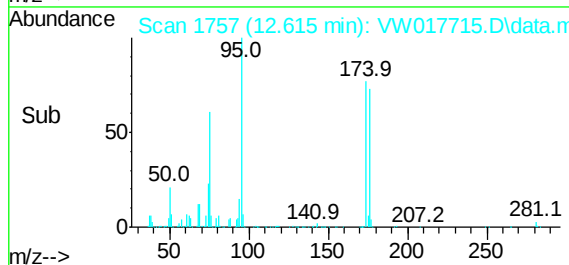
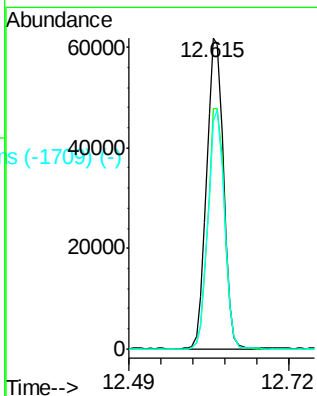
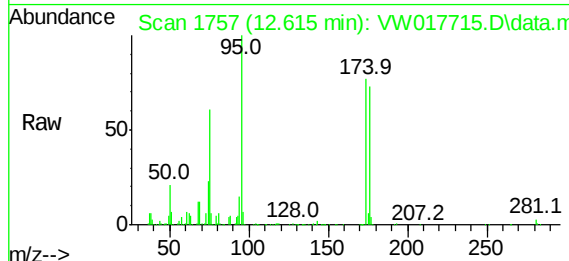




#6249 (-)
4-Bromofluorobenzene
Concen: 35.14 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

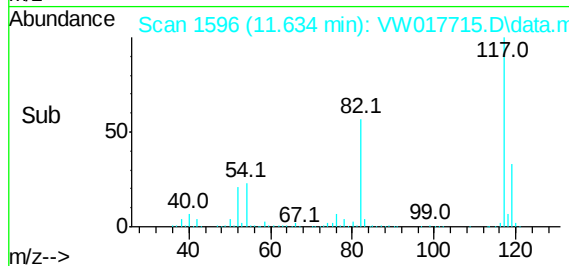
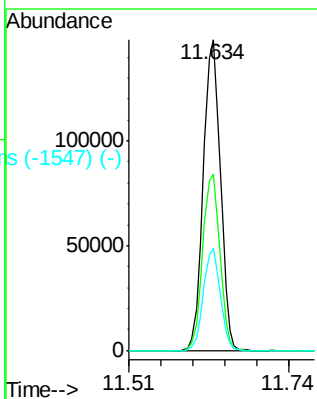
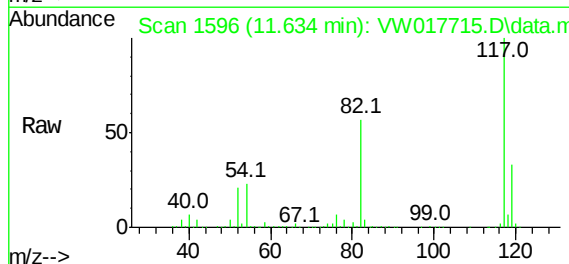
Instrument :
MSVOA_W
ClientSampleId :
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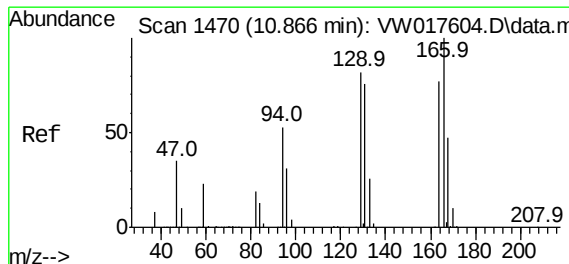
Tgt Ion: 95 Resp: 104285
Ion Ratio Lower Upper
95 100
174 76.1 0.0 180.6
176 74.8 0.0 177.6



#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

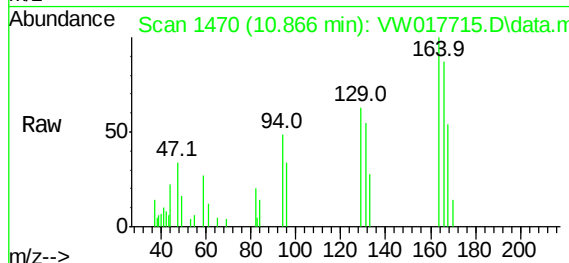
Tgt Ion: 117 Resp: 253419
Ion Ratio Lower Upper
117 100
82 56.7 40.7 61.1
119 33.1 25.0 37.4



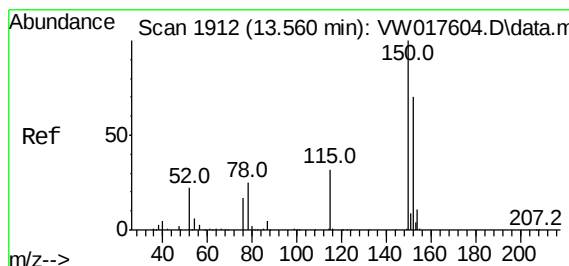
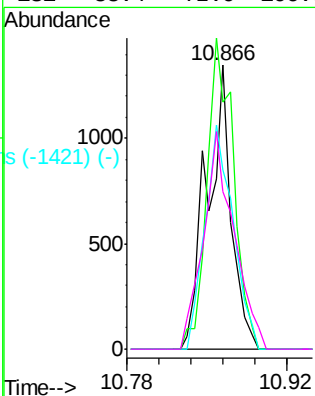
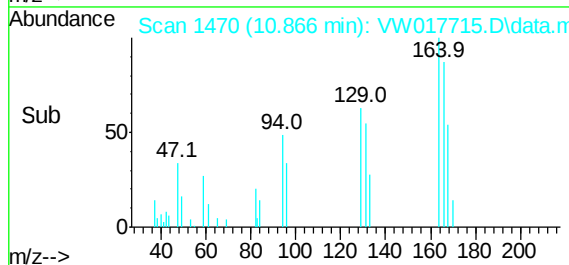


Tetrachloroethene
 Concen: 1.12 ug/l
 RT: 10.866 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: VW017715.D
 Acq: 23 Dec 2020 16:30

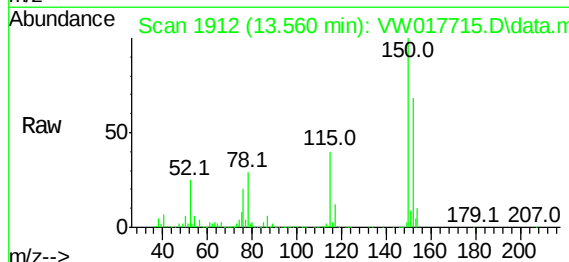
Instrument :
 MSVOA_W
 ClientSampled :
 08



Tgt Ion	Ratio	Lower	Upper
164	100		
166	87.1	105.3	157.9#
129	63.2	68.8	103.2#
131	55.4	71.0	106.6#



1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VW017715.D
 Acq: 23 Dec 2020 16:30



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	27.9	83.7
150	156.5	0.0	344.0

