

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)

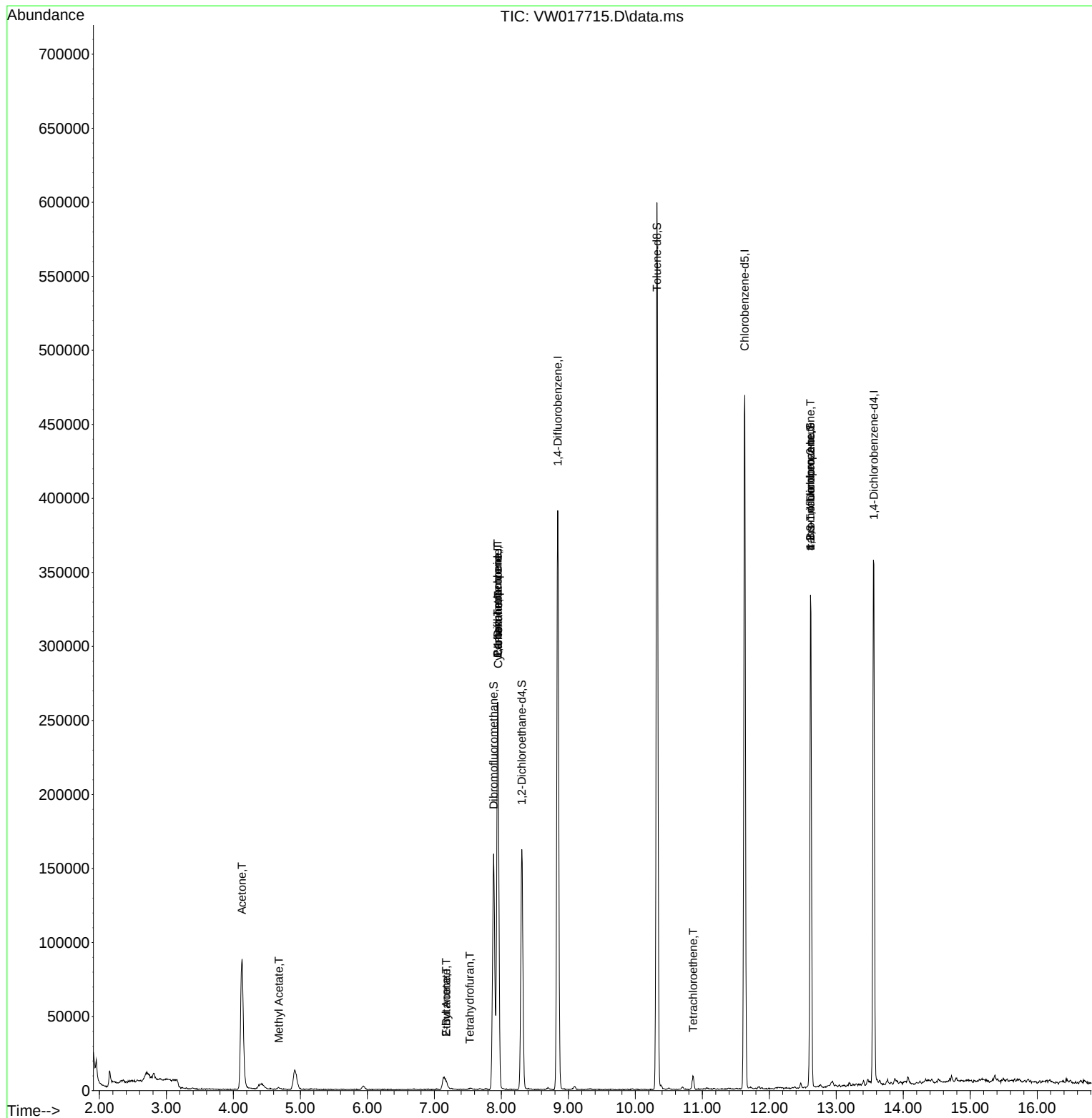
Internal Standards						
1) Pentafluorobenzene	7.945	168	191515	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	322637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	253419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	88844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						Qvalue
11) Tert butyl alcohol	5.172	59	350	Below Cal	#	62
16) Acetone	4.129	43	163945	322.98	ug/l	94
18) Methyl Acetate	4.678	43	2416	2.34	ug/l	92
20) Methylene Chloride	4.915	84	10985	Below Cal	#	93
25) 2-Butanone	7.177	43	6694	9.90	ug/l	# 88
26) 2,2-Dichloropropane	7.141	77	677	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	392	1.03	ug/l	89
31) Cyclohexane	7.952	56	5250	1.30	ug/l	# 45
36) 1,1-Dichloropropene	7.945	75	16743	4.96	ug/l	# 47
37) Ethyl Acetate	7.177	43	6694	4.74	ug/l	# 66
38) Carbon Tetrachloride	7.945	117	20017	5.90	ug/l	# 14
64) Tetrachloroethene	10.866	164	1944	1.12	ug/l	# 66
76) 1,2,3-Trichloropropane	12.615	75	60366	70.58	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	60366	143.01	ug/l	# 11

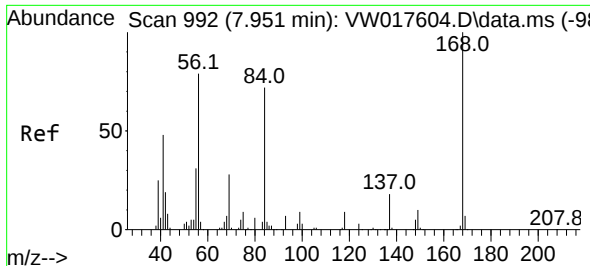
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

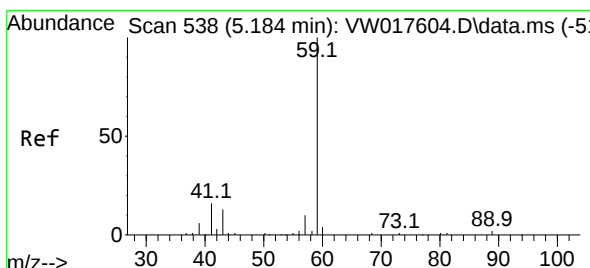
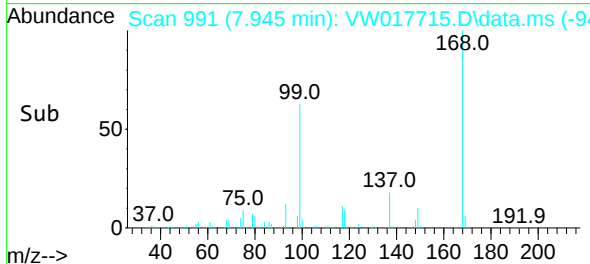
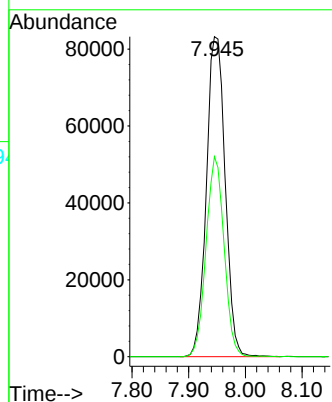
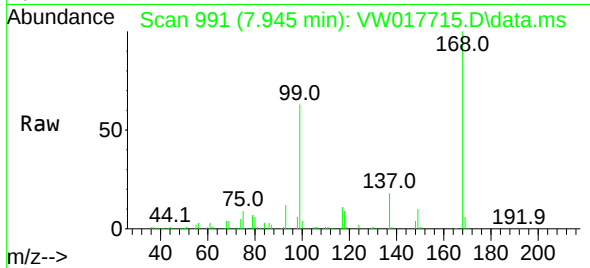




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

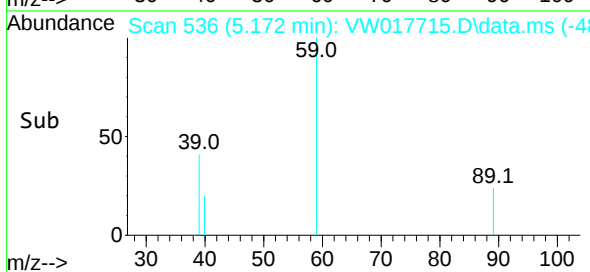
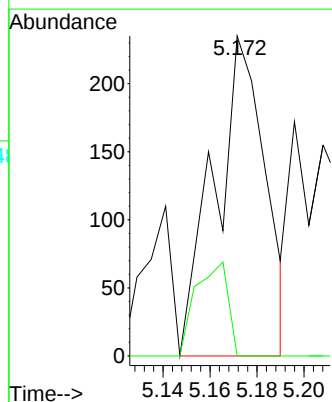
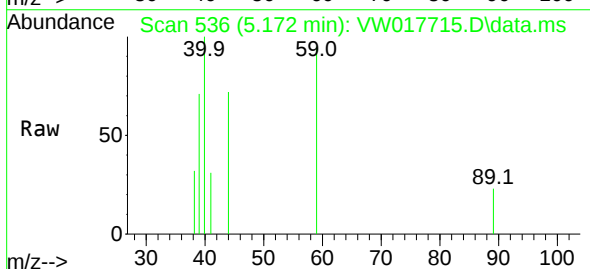
Instrument :
MSVOA_W
ClientSampleId :
08

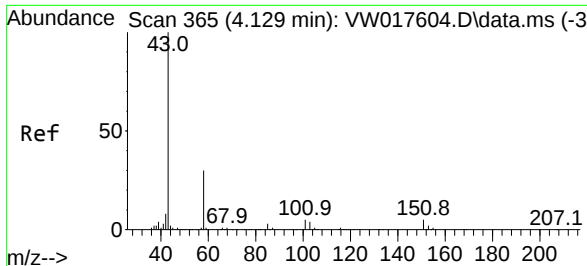
Tgt Ion:168 Resp: 191515
Ion Ratio Lower Upper
168 100
99 62.5 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 18.6 4.7 7.1#

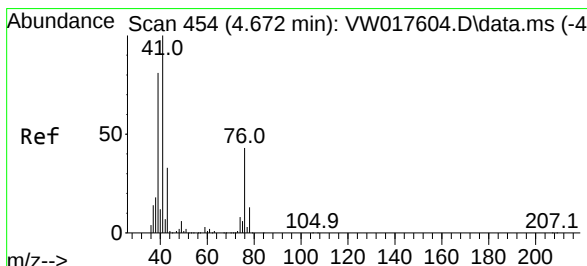
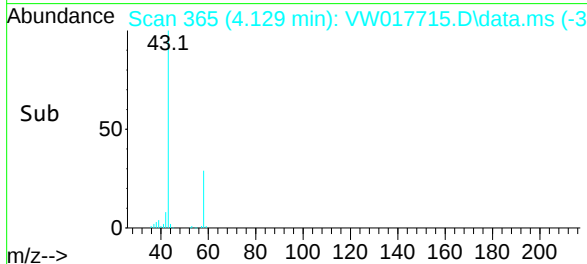
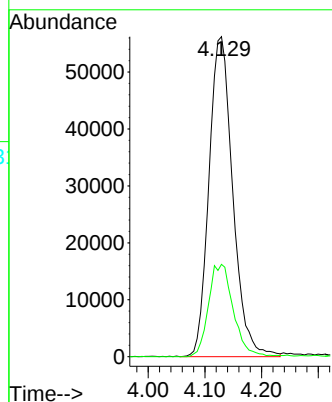
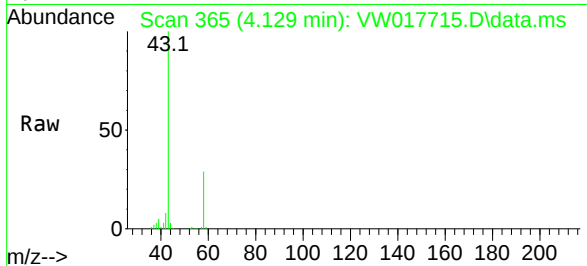




#16
Acetone
Concen: 322.98 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

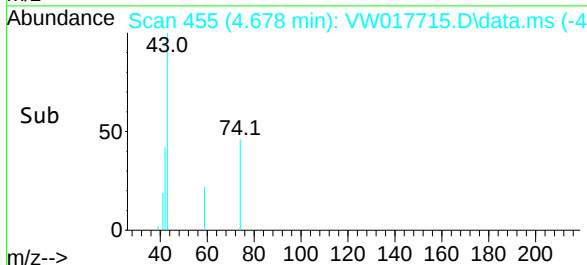
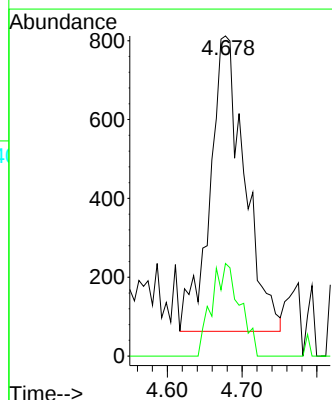
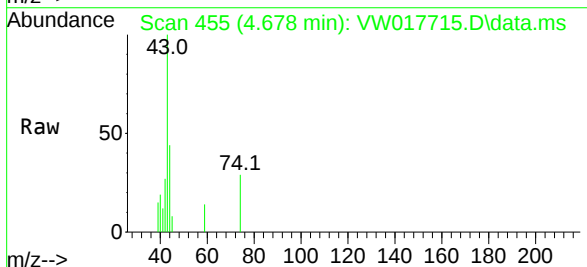
Instrument :
MSVOA_W
ClientSampled :
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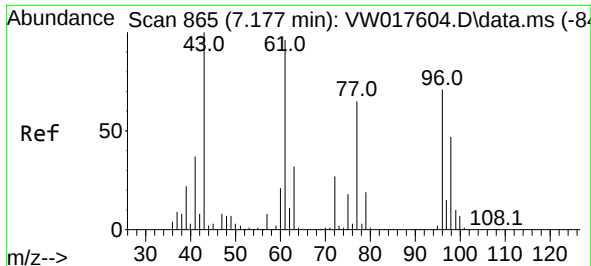
Tgt Ion: 43 Resp: 163945
Ion Ratio Lower Upper
43 100
58 28.9 25.7 38.5



#18
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

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

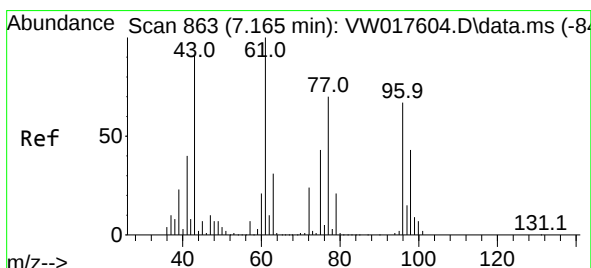
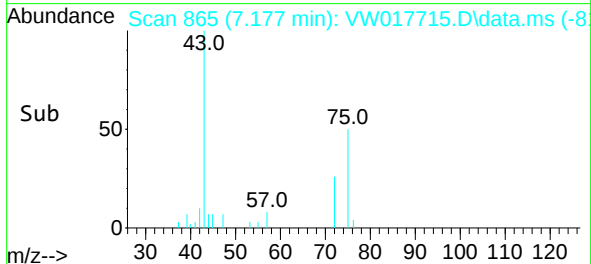
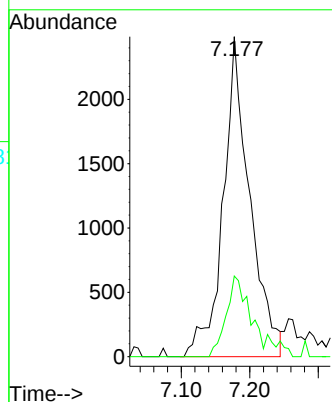
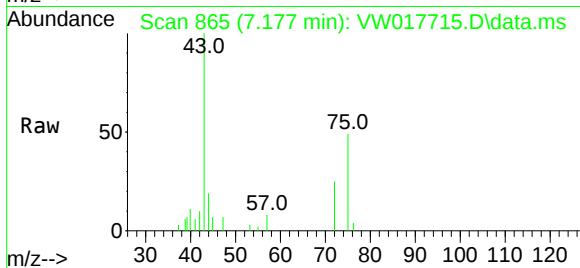




#25
2-Butanone
Concen: 9.90 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

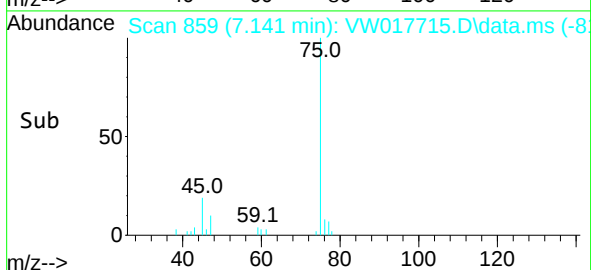
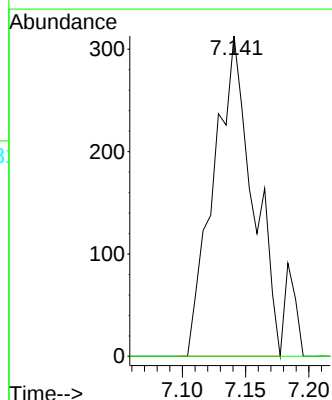
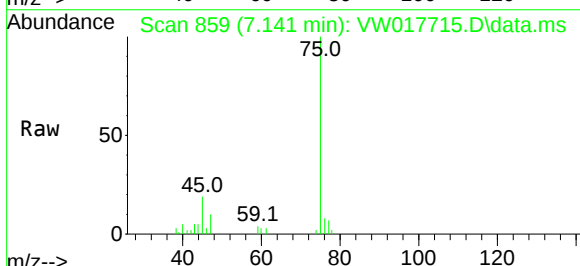
Instrument :
MSVOA_W
ClientSampled :
08

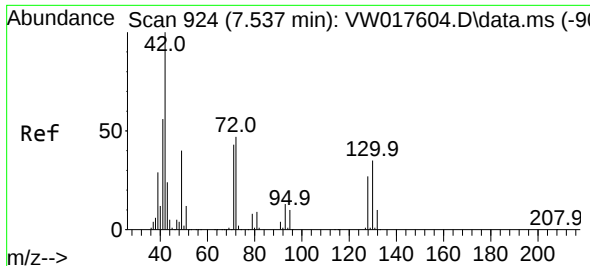
Tgt Ion: 43 Resp: 6694
Ion Ratio Lower Upper
43 100
72 25.2 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 77 Resp: 677
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 1.03 ug/l

RT: 7.531 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW017715.D

Acq: 23 Dec 2020 16:30

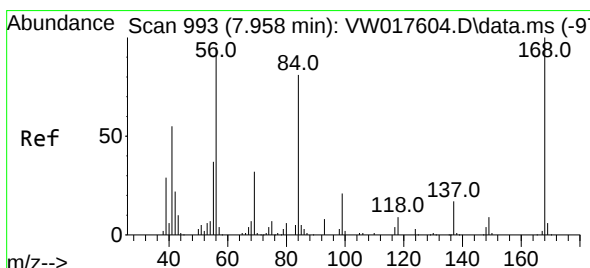
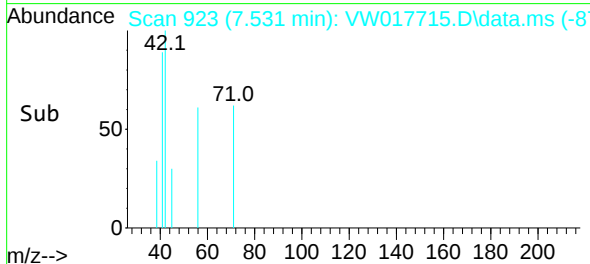
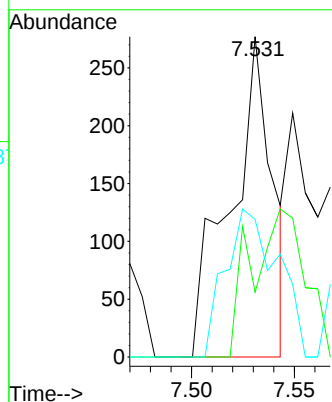
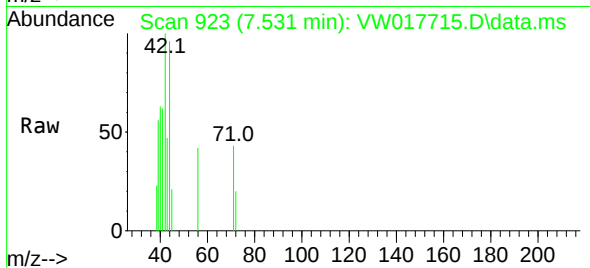
Instrument :

MSVOA_W

ClientSampleId :

08

Tgt Ion:	42	Resp:	392
Ion	Ratio	Lower	Upper
42	100		
72	58.9	42.0	63.0
71	57.9	39.0	58.6



#31

Cyclohexane

Concen: 1.30 ug/l

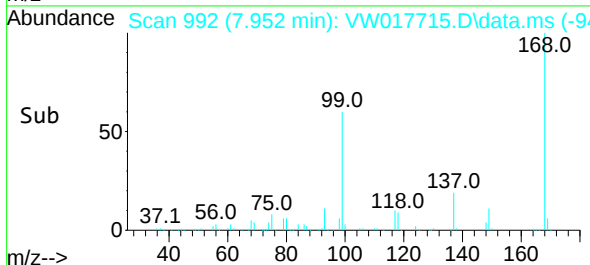
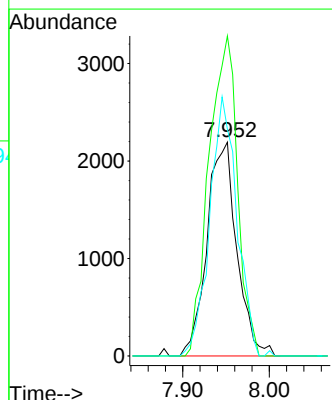
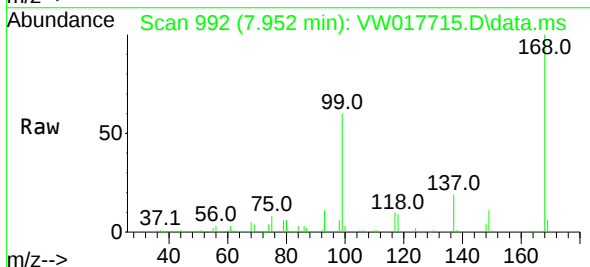
RT: 7.952 min Scan# 992

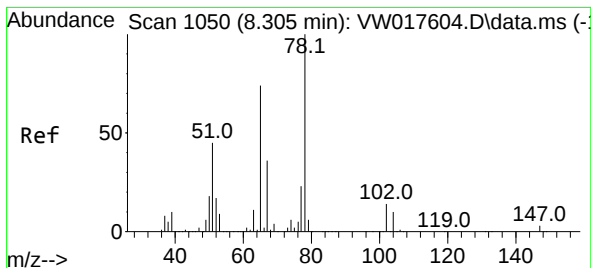
Delta R.T. -0.006 min

Lab File: VW017715.D

Acq: 23 Dec 2020 16:30

Tgt Ion:	56	Resp:	5250
Ion	Ratio	Lower	Upper
56	100		
69	149.6	29.3	43.9#
84	106.1	80.5	120.7

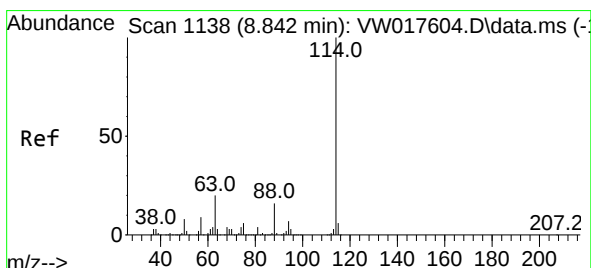
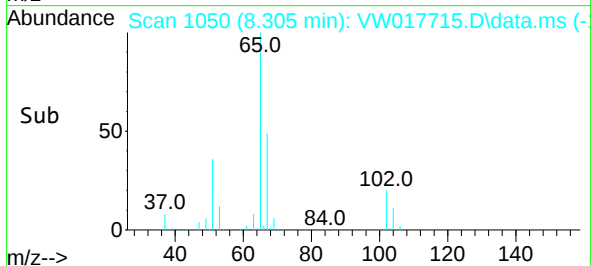
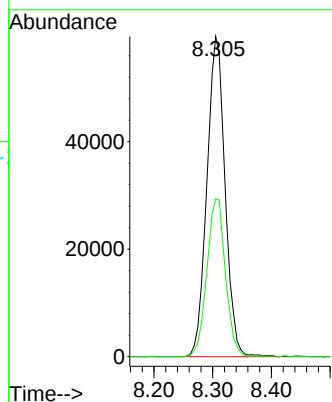
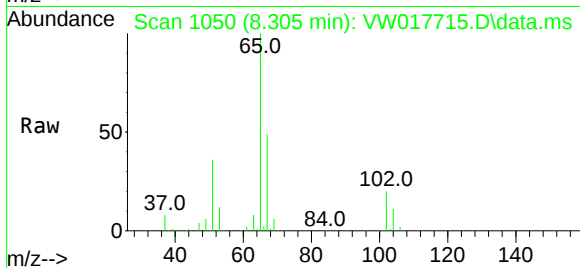




#33
1,2-Dichloroethane-d4
Concen: 54.77 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

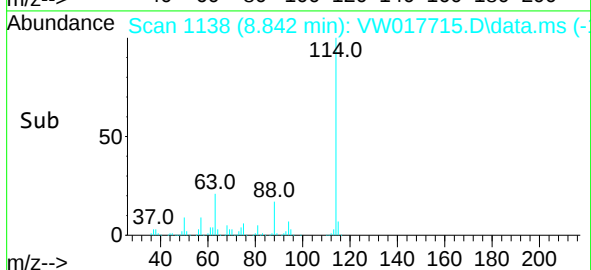
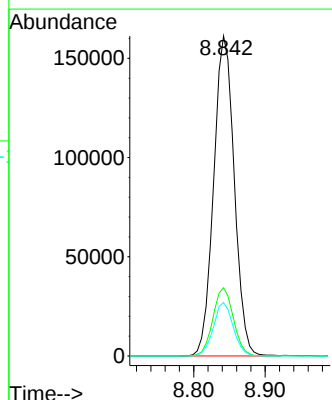
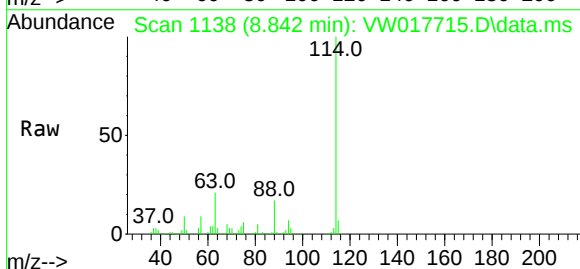
Instrument :
MSVOA_W
ClientSampled :
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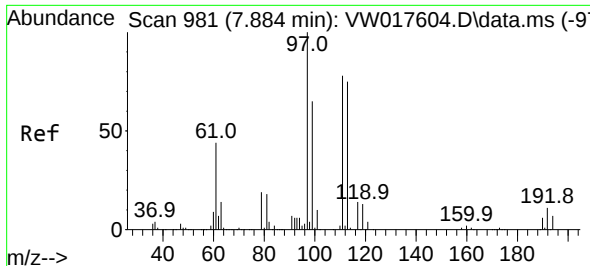
Tgt Ion: 65 Resp: 127767
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.8



#34
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

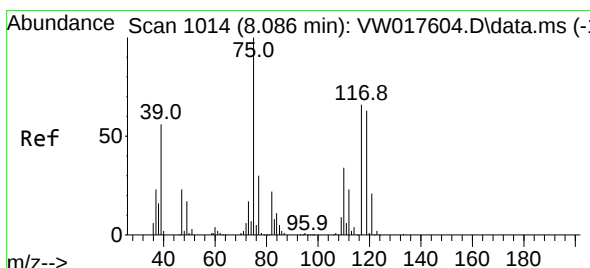
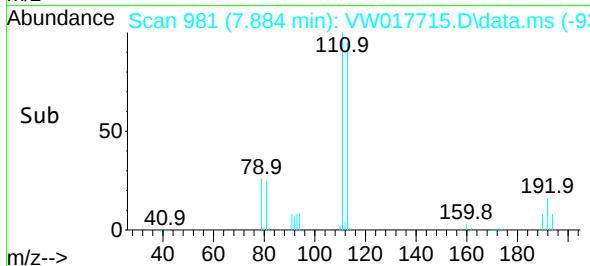
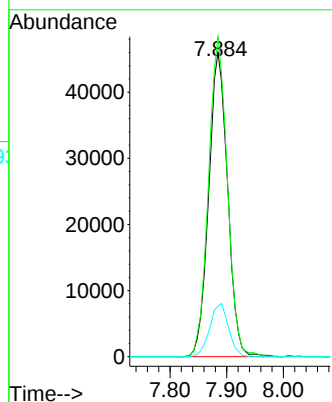
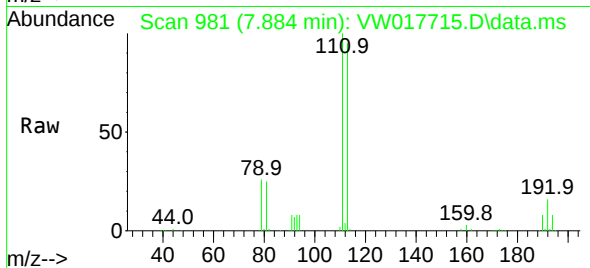




#35
Dibromofluoromethane
Concen: 49.89 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

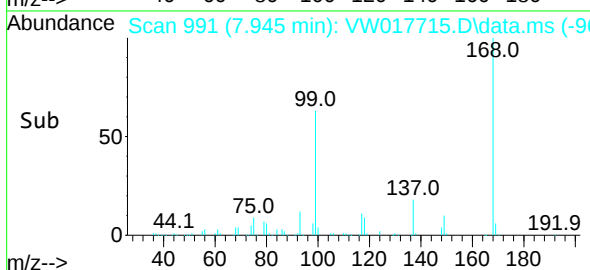
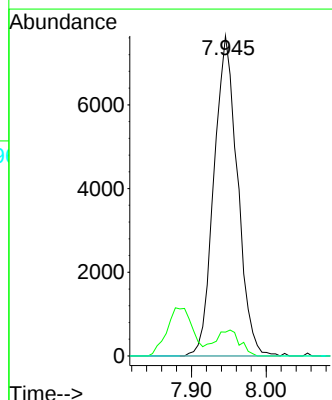
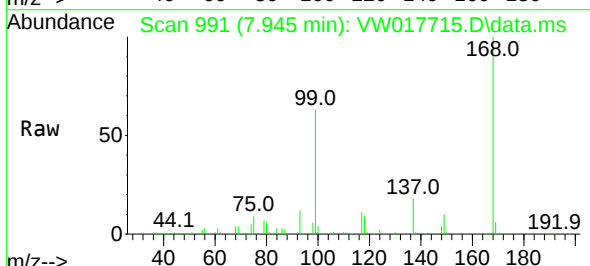
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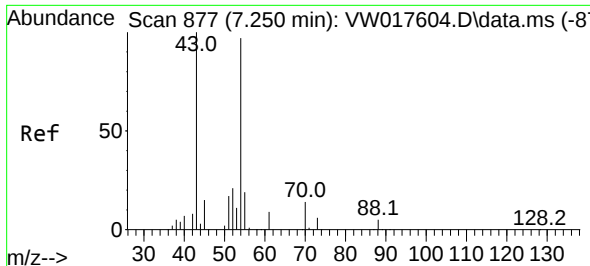
Tgt Ion:113 Resp: 106524
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.2
192 17.4 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion: 75 Resp: 16743
Ion Ratio Lower Upper
75 100
110 8.1 19.3 57.9#
77 0.0 25.0 37.6#

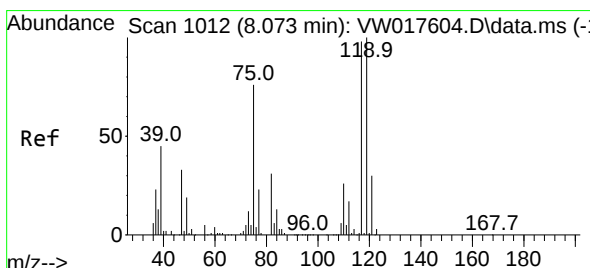
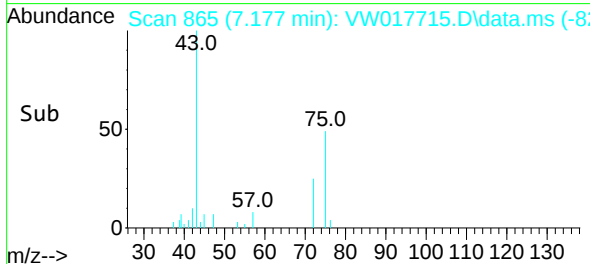
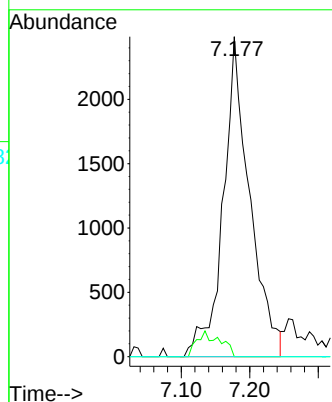
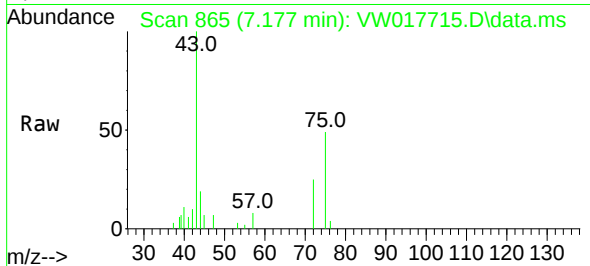




#37
Ethyl Acetate
Concen: 4.74 ug/l
RT: 7.177 min Scan# 865
Delta R.T. -0.073 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

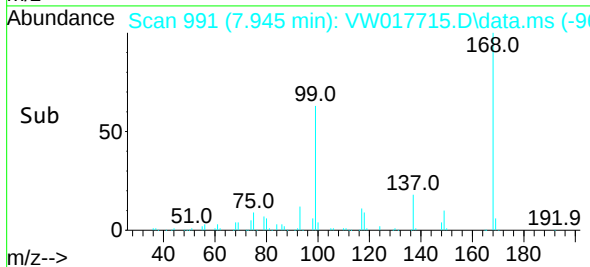
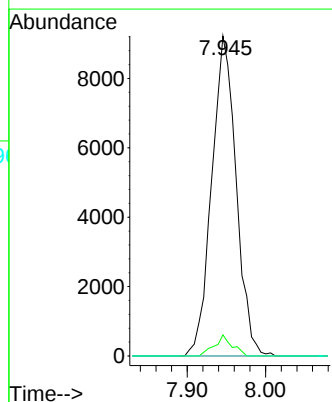
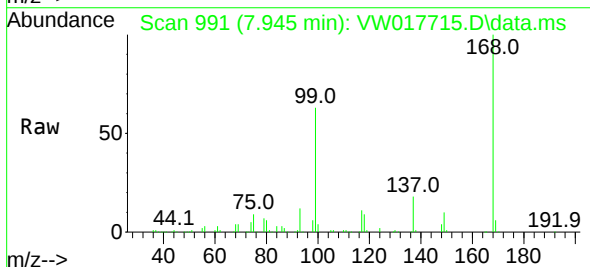
Instrument :
MSVOA_W
ClientSampleId :
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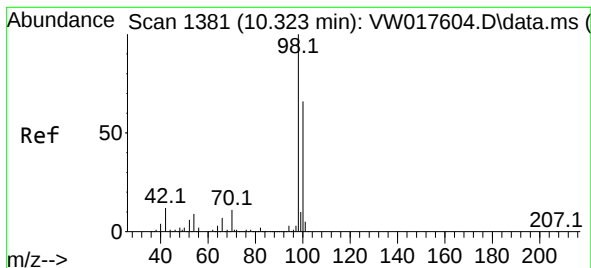
Tgt Ion:	43	Resp:	6694
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	0.0	9.9	14.9#



#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

Tgt Ion:	117	Resp:	20017
Ion	Ratio	Lower	Upper
117	100		
119	6.6	81.6	122.4#
121	0.0	25.7	38.5#

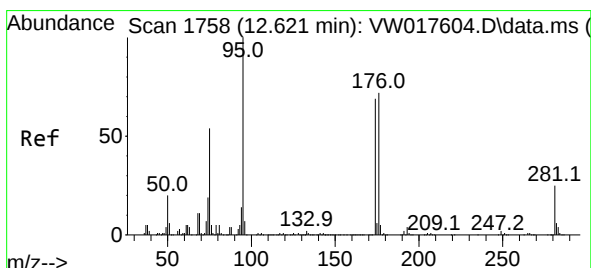
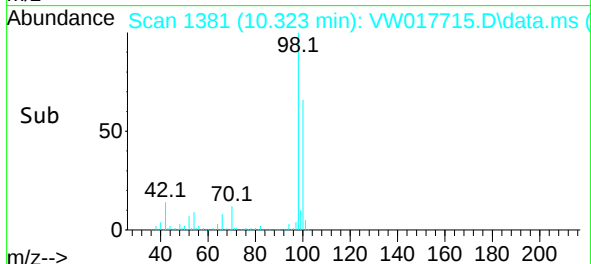
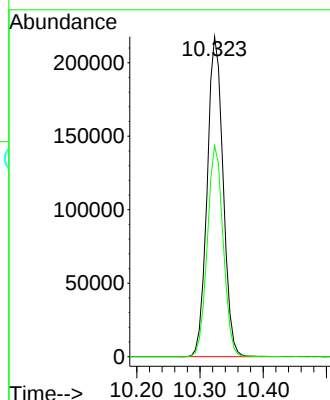
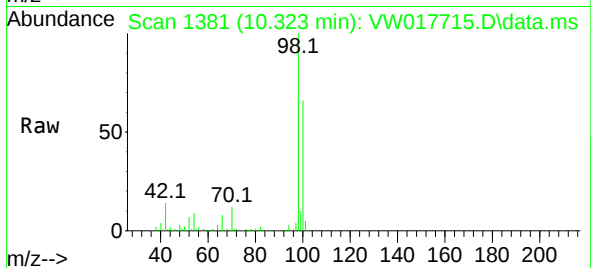




#50
Toluene-d8
Concen: 45.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

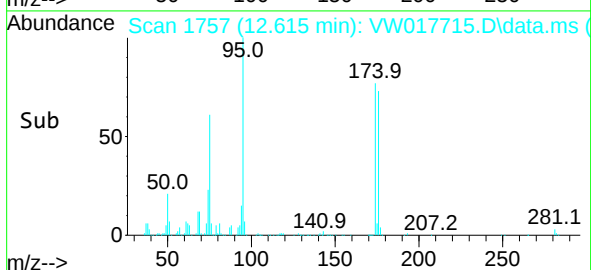
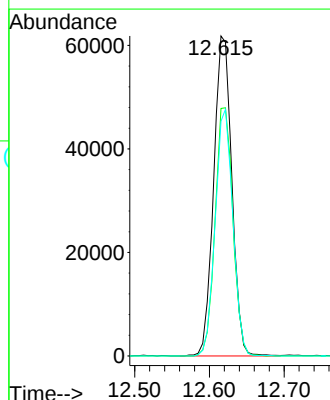
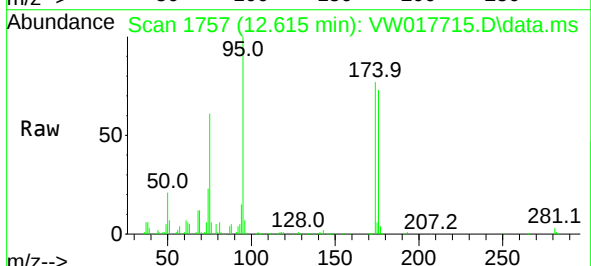
Instrument :
MSVOA_W
ClientSampled :
08

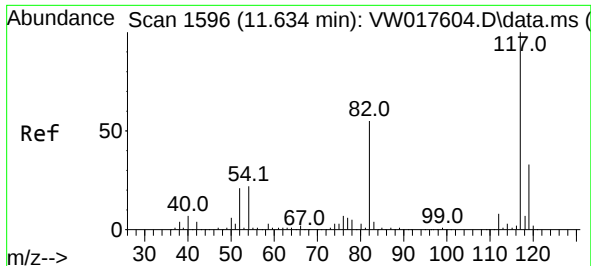
Tgt Ion: 98 Resp: 380974
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
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

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

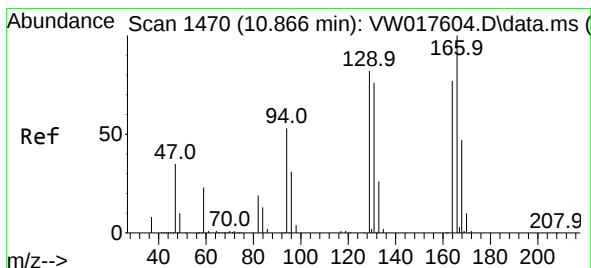
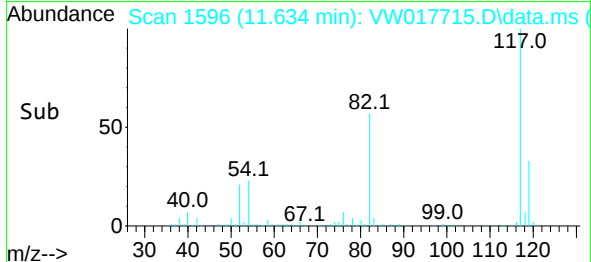
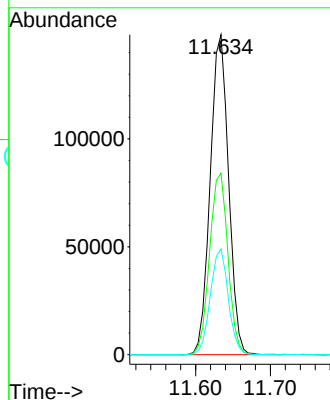
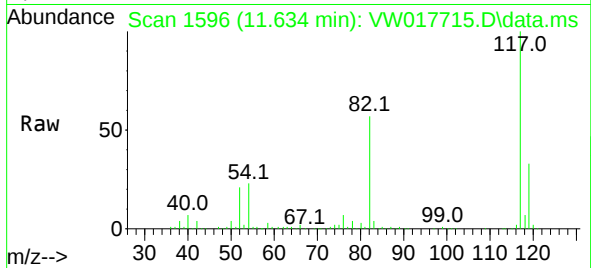




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

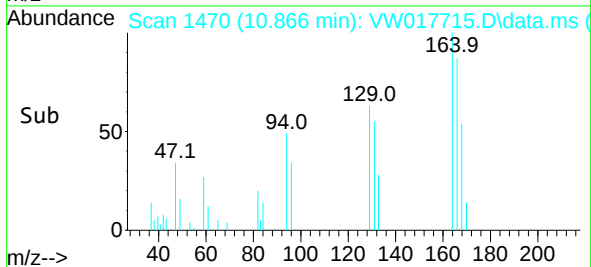
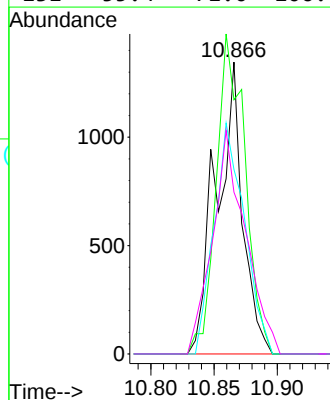
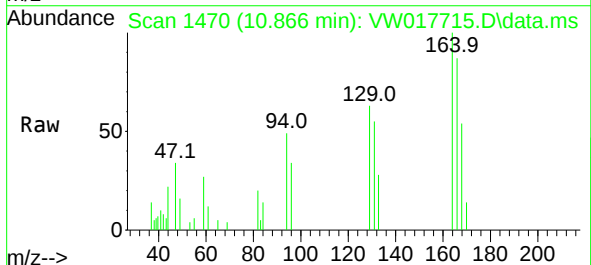
Instrument :
MSVOA_W
ClientSampleId :
08

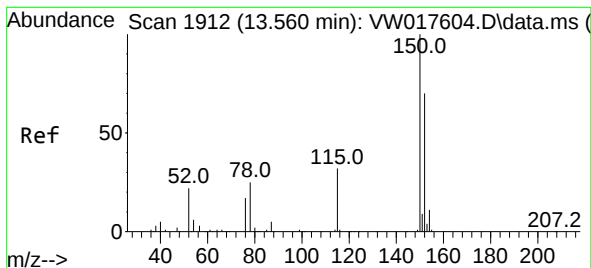
Tgt Ion:	117	Resp:	253419
Ion	Ratio	Lower	Upper
117	100		
82	56.7	40.7	61.1
119	33.1	25.0	37.4



#64
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

Tgt Ion:	164	Resp:	1944
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#

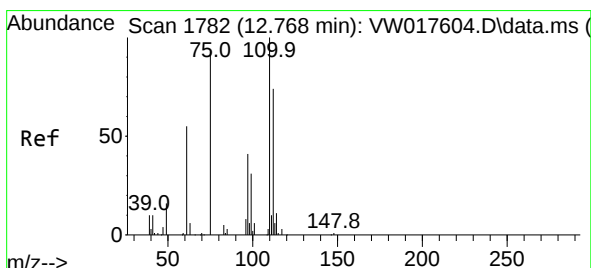
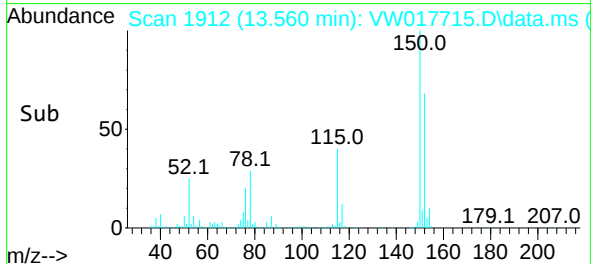
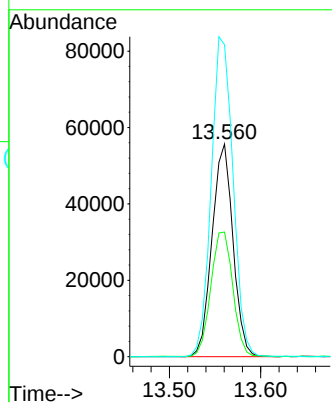
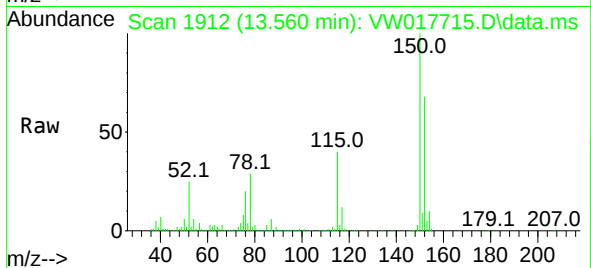




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

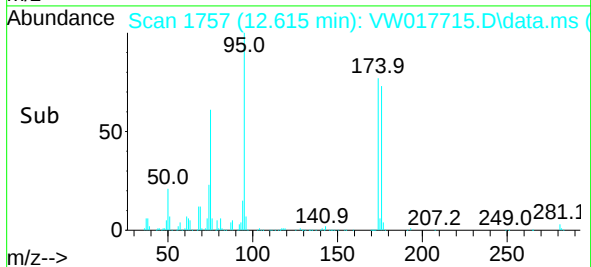
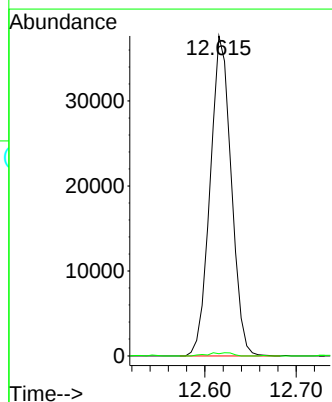
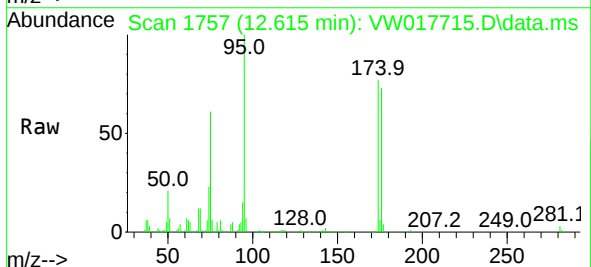
Instrument :
MSVOA_W
ClientSampleId :
08

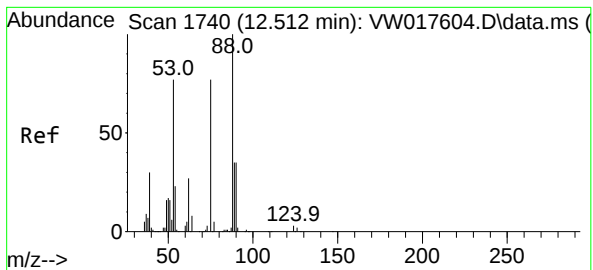
Tgt Ion:152 Resp: 88844
Ion Ratio Lower Upper
152 100
115 61.7 27.9 83.7
150 156.5 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 70.58 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017715.D
Acq: 23 Dec 2020 16:30

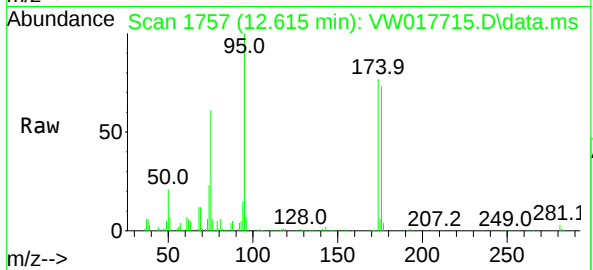
Tgt Ion: 75 Resp: 60366
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.01 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017715.D
 Acq: 23 Dec 2020 16:30

Instrument :
 MSVOA_W
 ClientSampleId :
 08



Tgt Ion:	75	Resp:	60366
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

