

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017638.D
 Acq On : 15 Dec 2020 17:00
 Operator : SY/VA
 Sample : L5091-01
 Misc : 7.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:40:31 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)

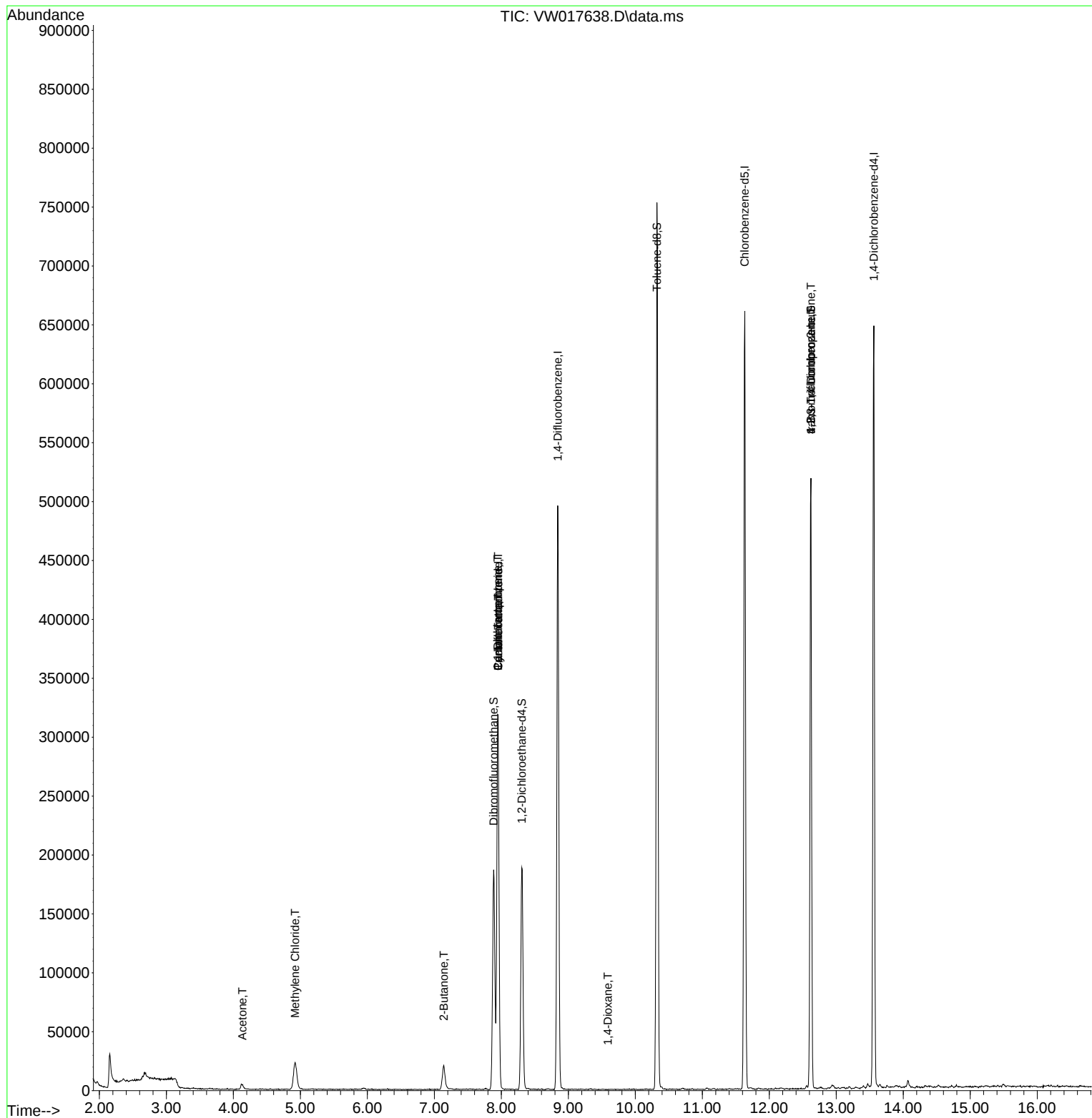
Internal Standards						
1) Pentafluorobenzene	7.952	168	231501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	402033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	354978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	154835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	151330	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.885	113	127772	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.323	98	488811	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.621	95	167820	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.165	59	622	Below Cal	#	92
16) Acetone	4.135	43	8370	13.64	ug/l #	87
20) Methylene Chloride	4.922	84	18722	1.71	ug/l #	76
25) 2-Butanone	7.141	43	1706	2.09	ug/l #	63
26) 2,2-Dichloropropane	7.141	77	1498	Below Cal	#	50
31) Cyclohexane	7.952	56	6488	1.33	ug/l #	46
36) 1,1-Dichloropropene	7.945	75	20559	4.88	ug/l #	48
38) Carbon Tetrachloride	7.952	117	24843	5.87	ug/l #	13
49) 1,4-Dioxane	9.592	88	25	1.31	ug/l #	16
76) 1,2,3-Trichloropropane	12.621	75	95919	64.35	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	95919	130.39	ug/l #	11

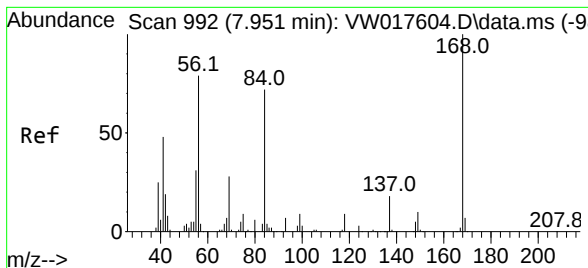
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:40:31 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

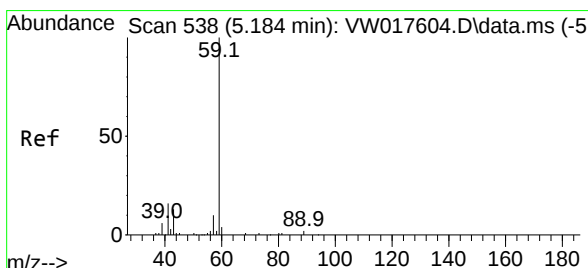
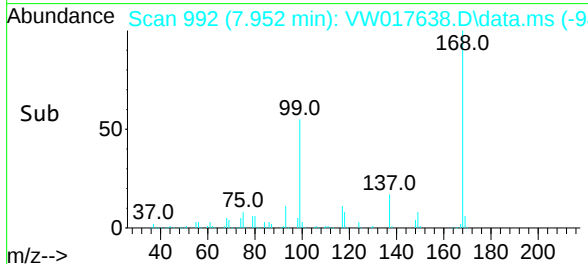
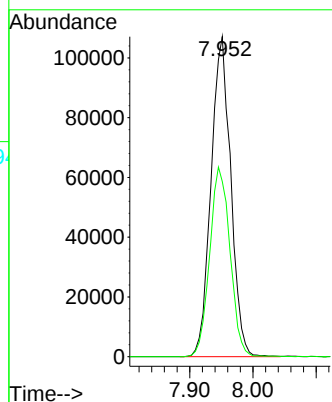
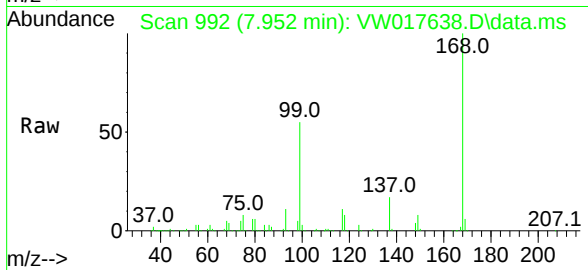




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

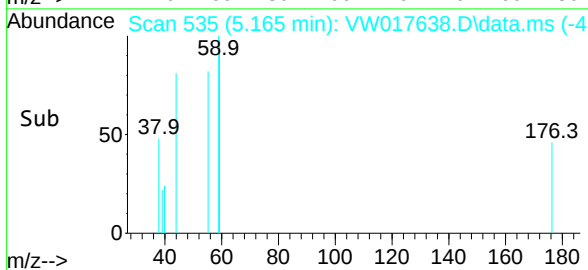
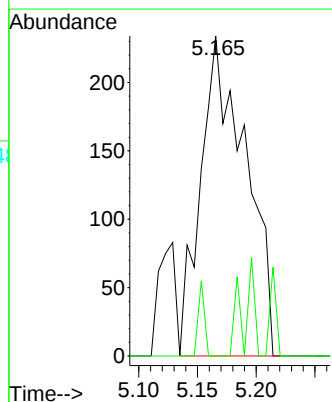
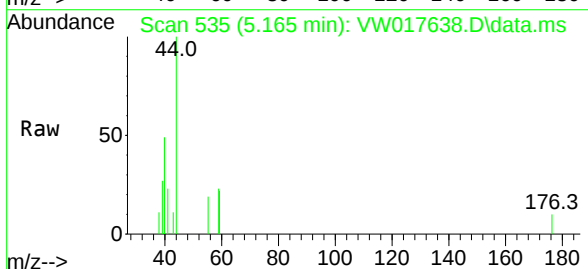
Instrument :
MSVOA_W
ClientSampleId :

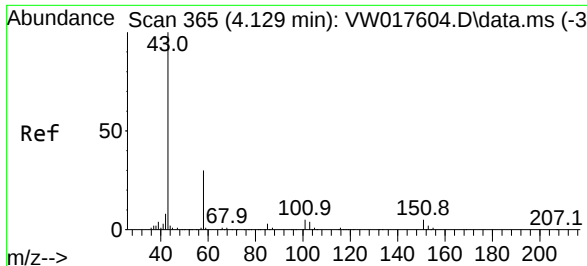
Tgt Ion:168 Resp: 231501
Ion Ratio Lower Upper
168 100
99 54.7 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

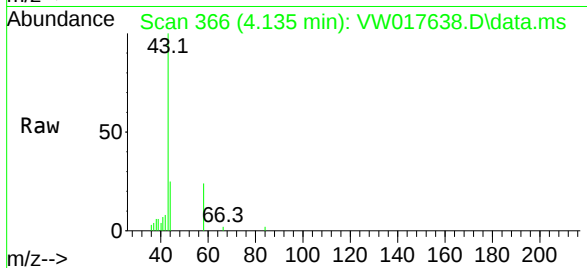
Tgt Ion: 59 Resp: 622
Ion Ratio Lower Upper
59 100
57 3.2 4.7 7.1#



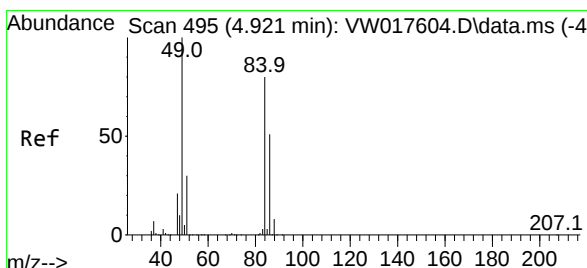
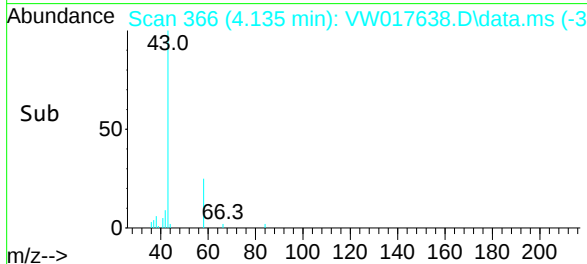
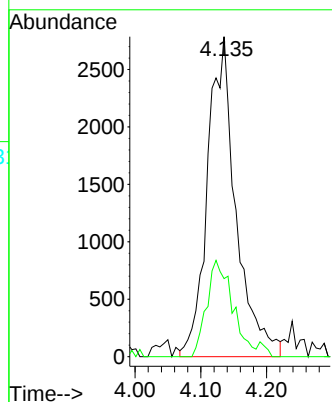


#16
Acetone
Concen: 13.64 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Instrument :
MSVOA_W
ClientSampled :

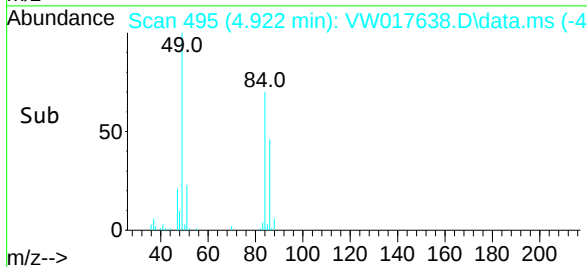
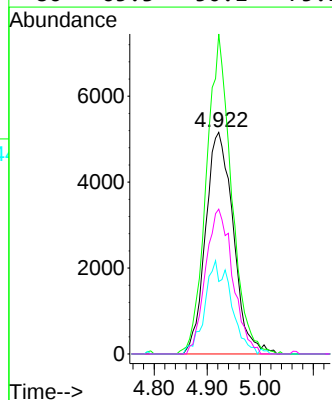
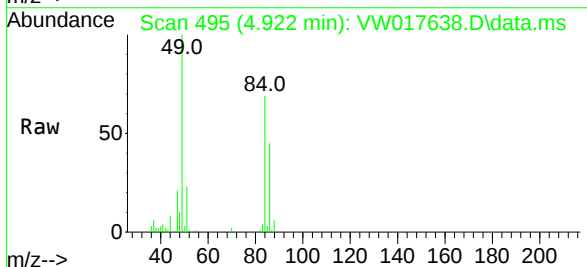


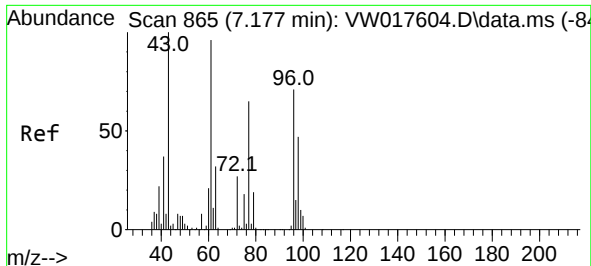
Tgt Ion: 43 Resp: 8370
Ion Ratio Lower Upper
43 100
58 24.9 25.7 38.5#



#20
Methylene Chloride
Concen: 1.71 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 84 Resp: 18722
Ion Ratio Lower Upper
84 100
49 143.3 79.0 118.6#
51 32.7 26.1 39.1
86 65.3 50.1 75.1

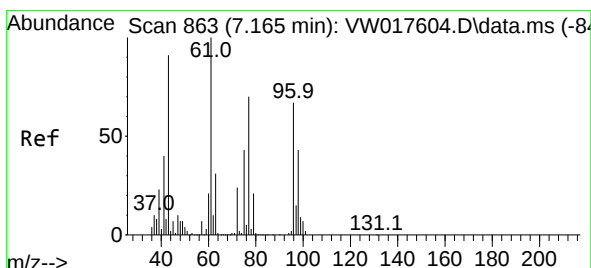
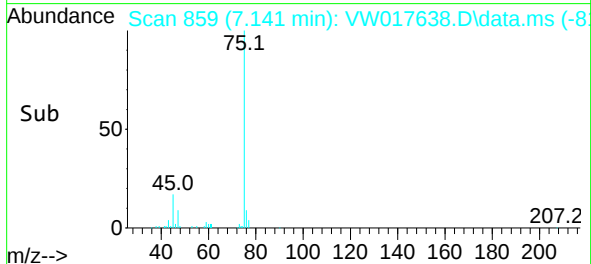
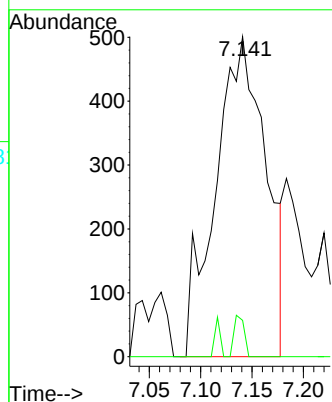
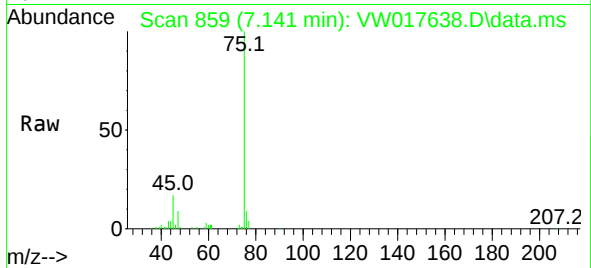




#25
2-Butanone
Concen: 2.09 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

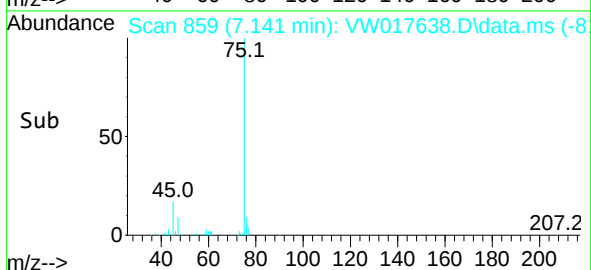
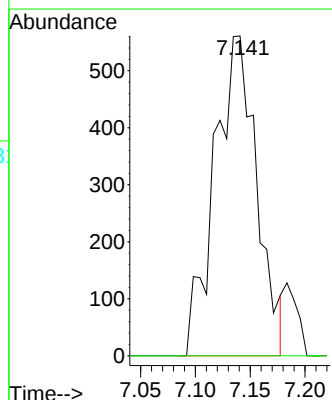
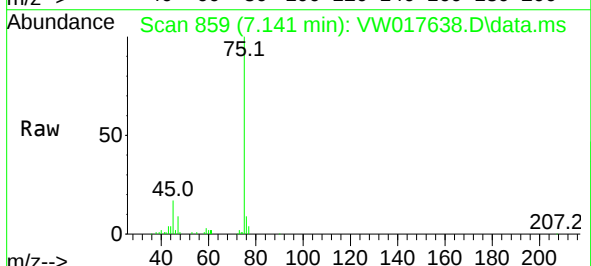
Instrument :
MSVOA_W
ClientSampled :

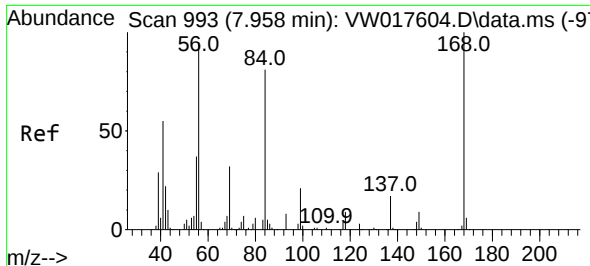
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
72 11.4 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 77 Resp: 1498
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

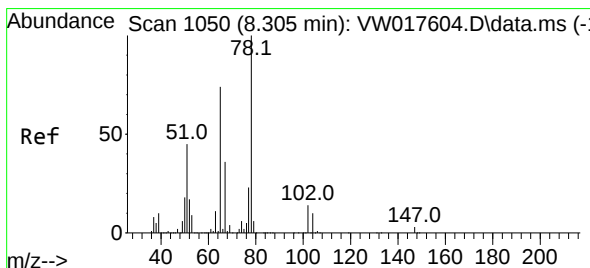
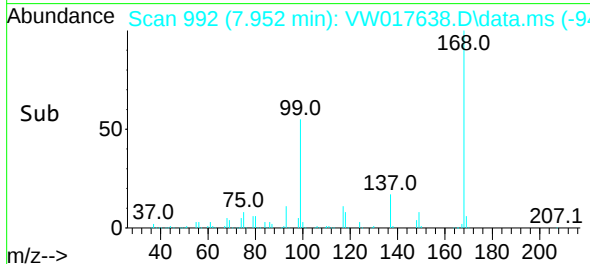
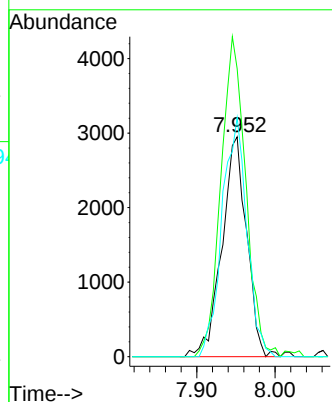
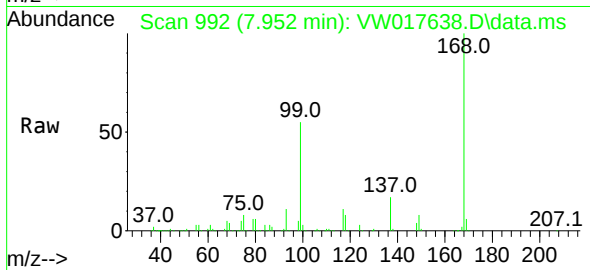




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

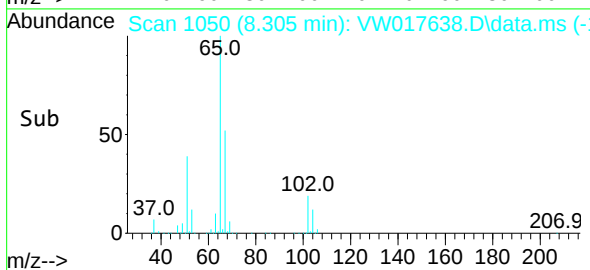
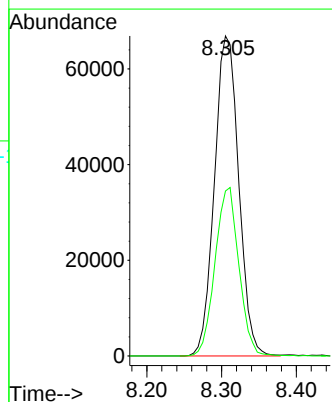
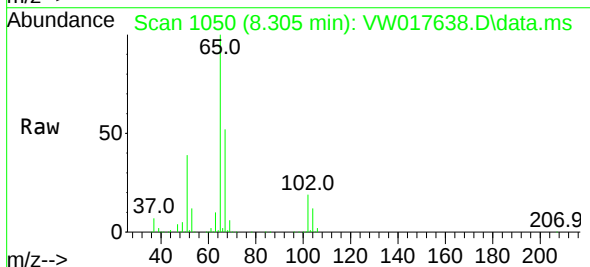
Instrument :
MSVOA_W
ClientSampleId :

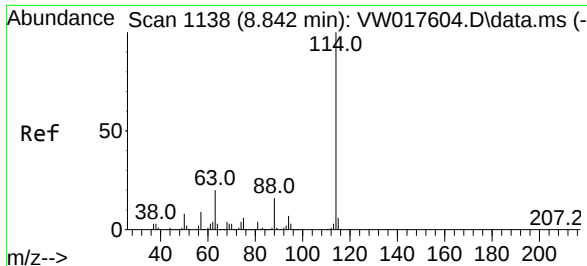
Tgt Ion: 56 Resp: 6488
Ion Ratio Lower Upper
56 100
69 131.0 29.3 43.9#
84 116.4 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.66 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 65 Resp: 151330
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

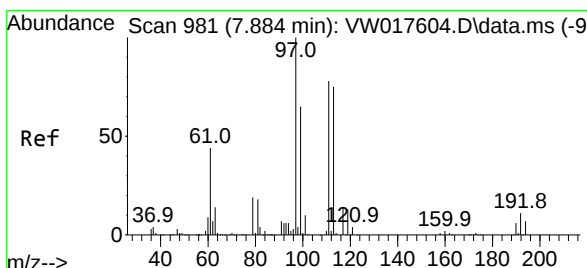
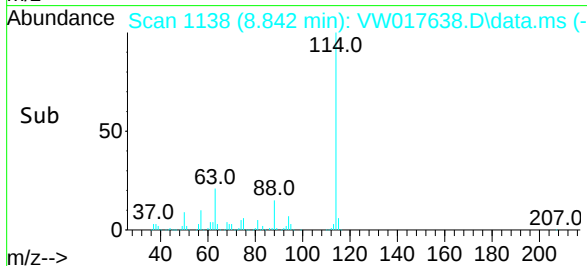
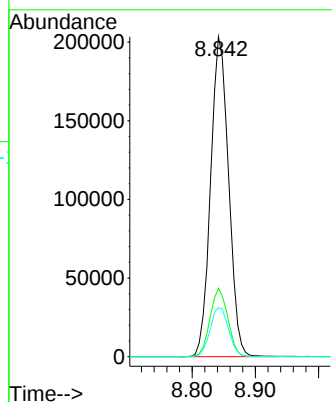
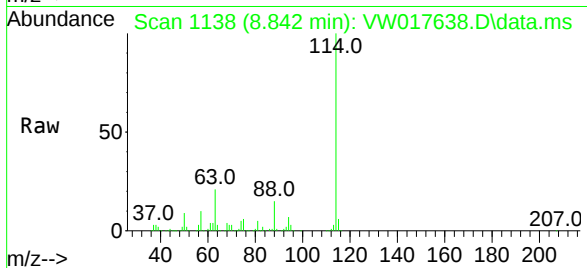




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

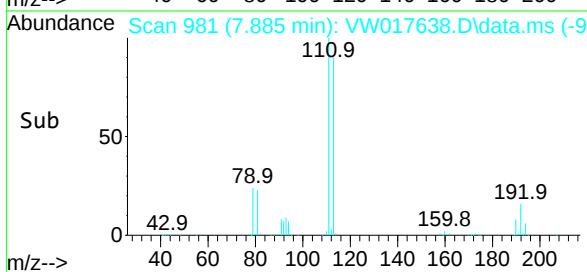
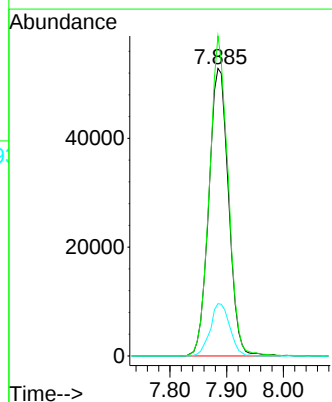
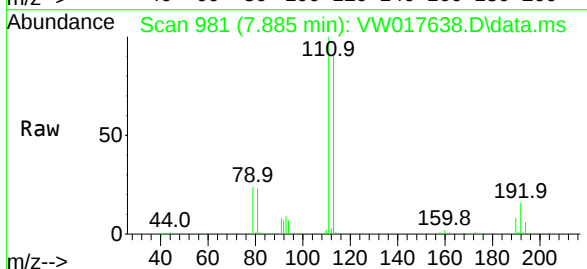
Instrument :
MSVOA_W
ClientSampleId :

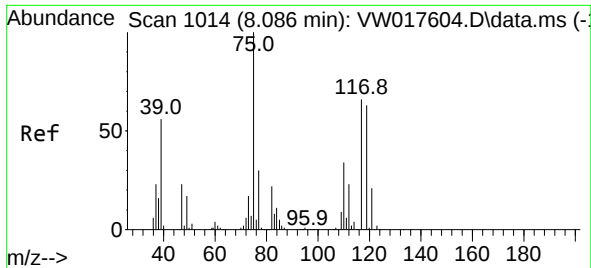
Tgt Ion:114 Resp: 402033
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.6
88 15.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.03 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion:113 Resp: 127772
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.2
192 18.0 17.8 26.8

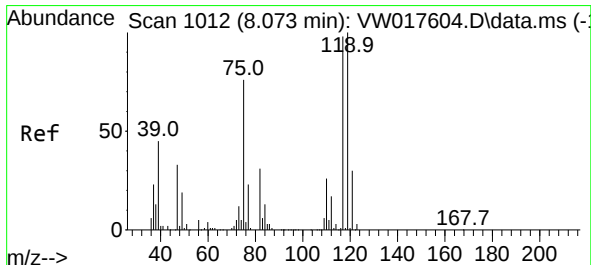
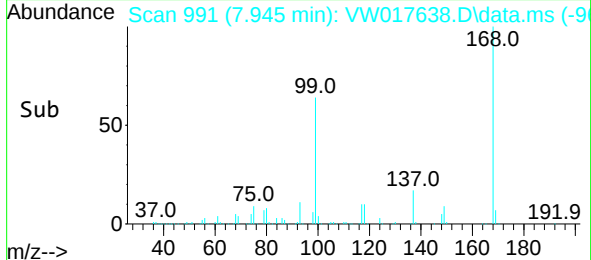
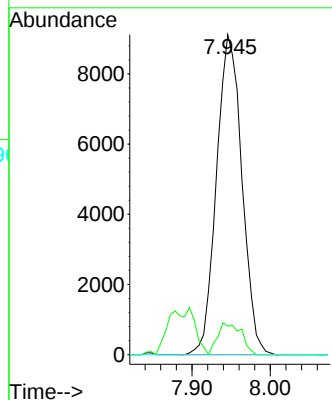
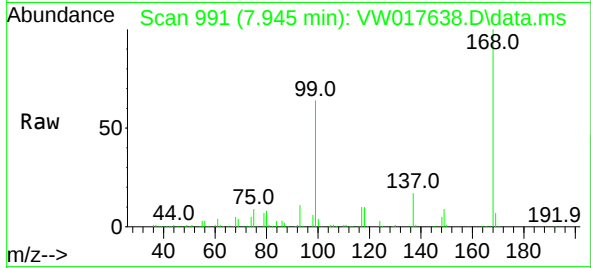




#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

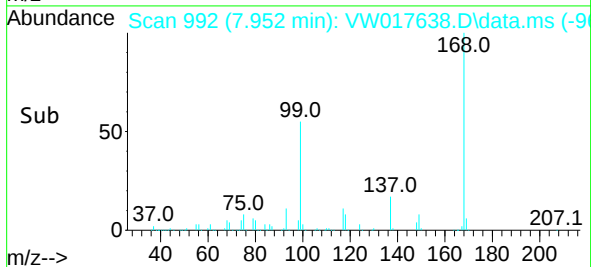
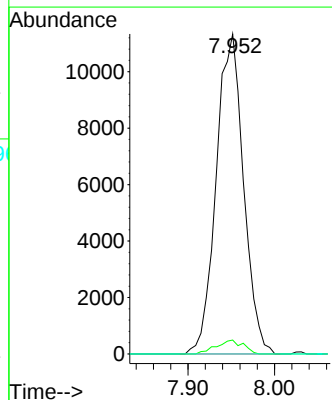
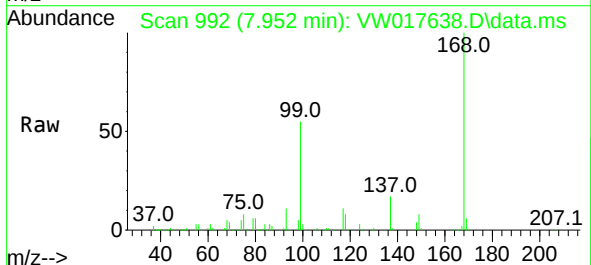
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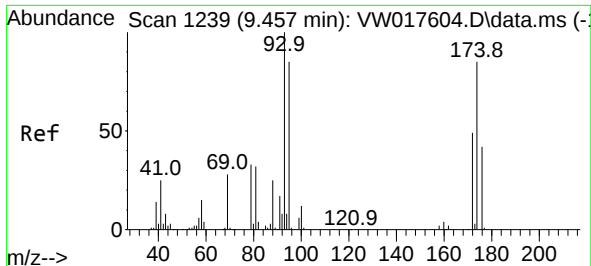
Tgt Ion: 75 Resp: 20559
Ion Ratio Lower Upper
75 100
110 9.2 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 117 Resp: 24843
Ion Ratio Lower Upper
117 100
119 4.3 81.6 122.4#
121 0.0 25.7 38.5#

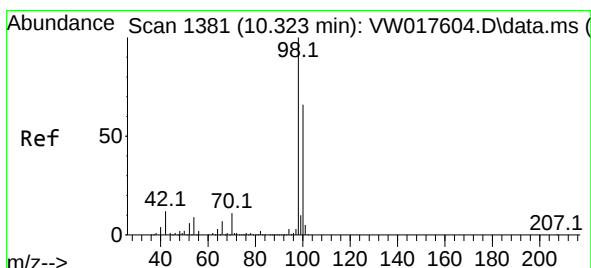
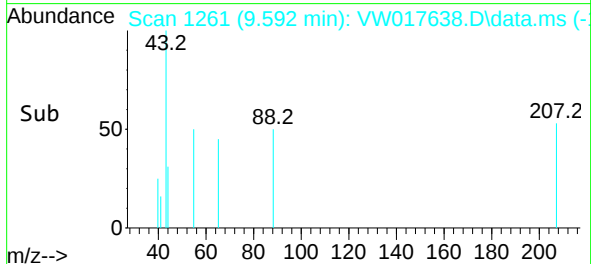
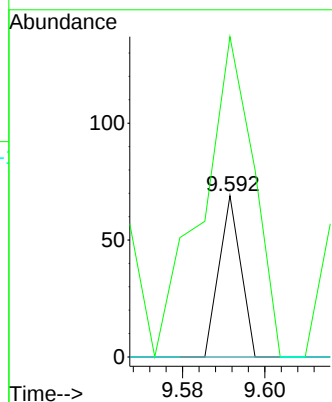
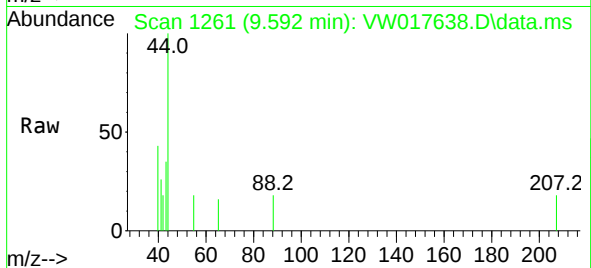




#49
1,4-Dioxane
Concen: 1.31 ug/l
RT: 9.592 min Scan# 1261
Delta R.T. 0.135 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

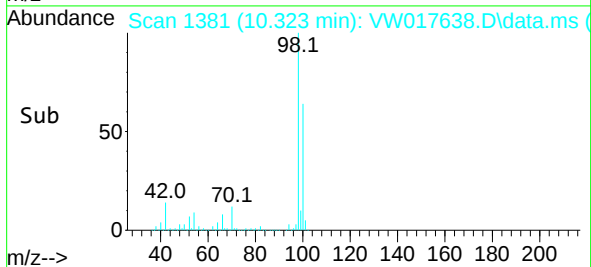
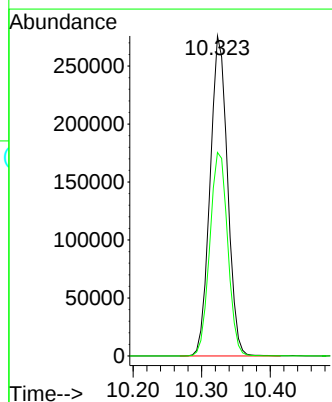
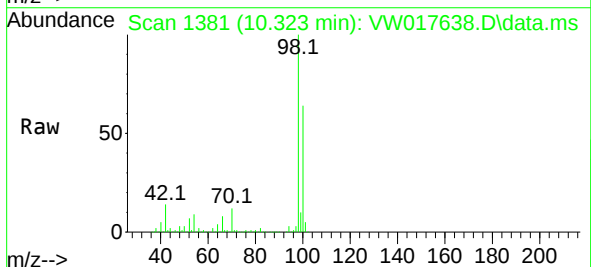
Instrument :
MSVOA_W
ClientSampleId :

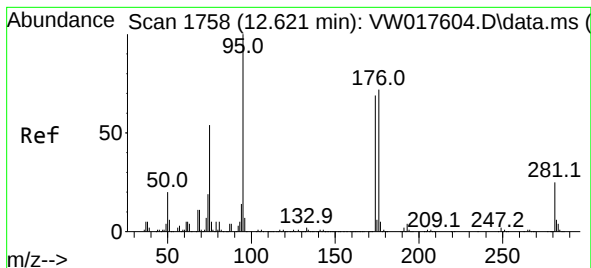
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 476.0 0.0 0.0#
58 0.0 54.0 81.0#



#50
Toluene-d8
Concen: 47.19 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 98 Resp: 488811
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9

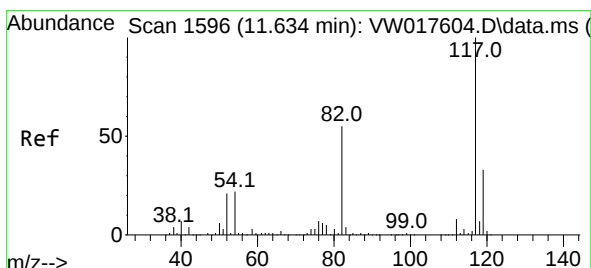
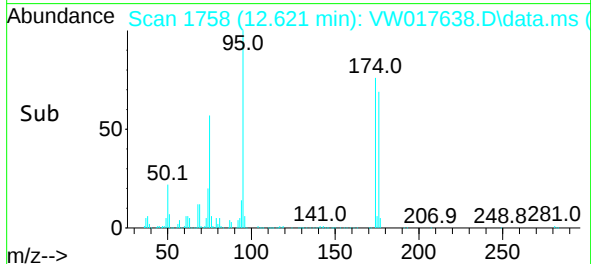
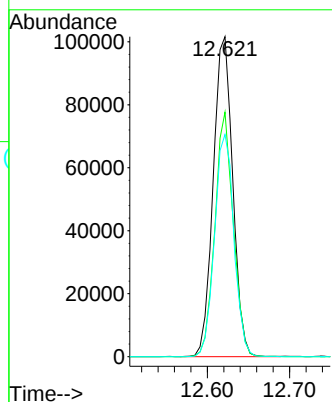
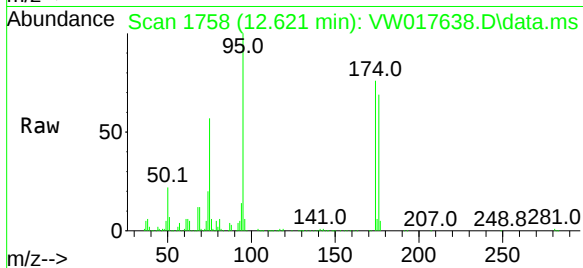




#62
4-Bromofluorobenzene
Concen: 45.38 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

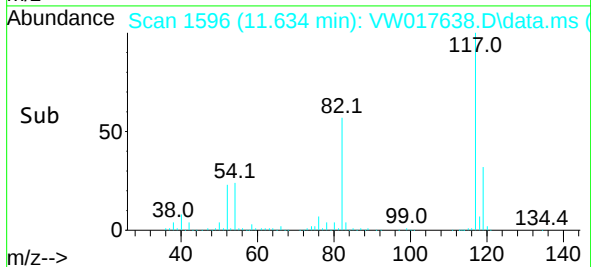
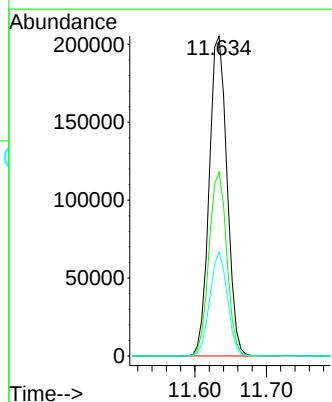
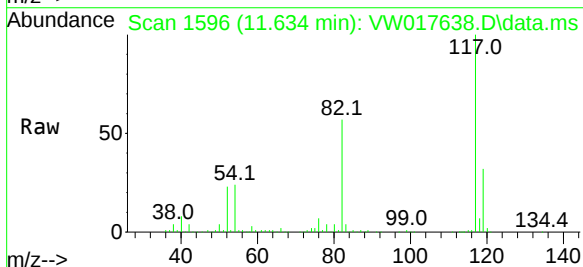
Instrument :
MSVOA_W
ClientSampleId :

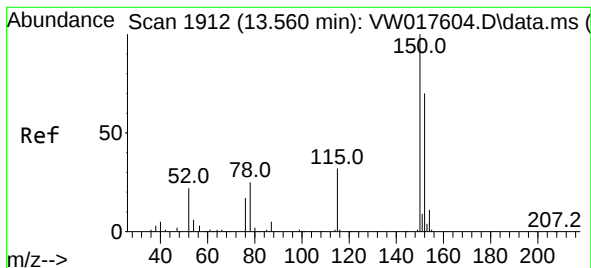
Tgt Ion: 95 Resp: 167820
Ion Ratio Lower Upper
95 100
174 72.2 0.0 180.6
176 69.0 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

Tgt Ion:117 Resp: 354978
Ion Ratio Lower Upper
117 100
82 57.4 40.7 61.1
119 32.4 25.0 37.4

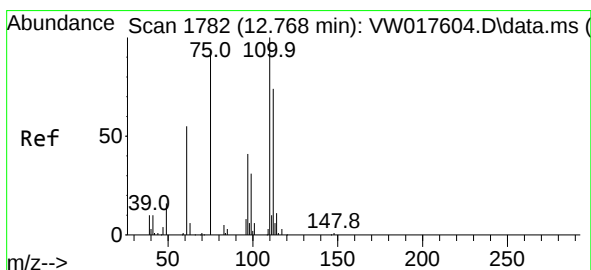
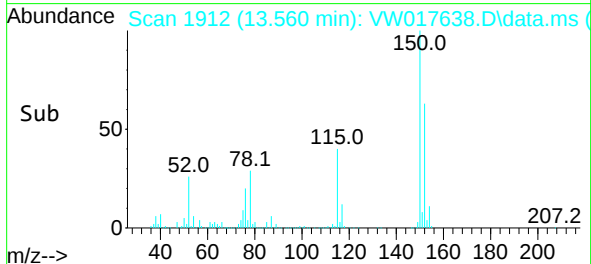
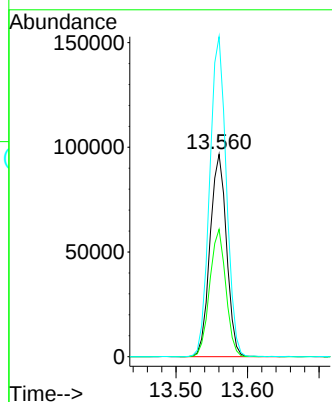
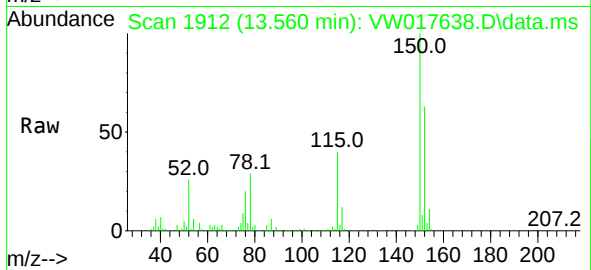




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

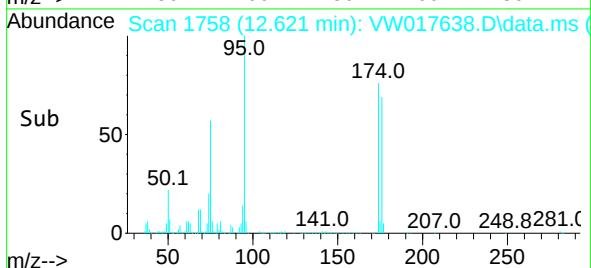
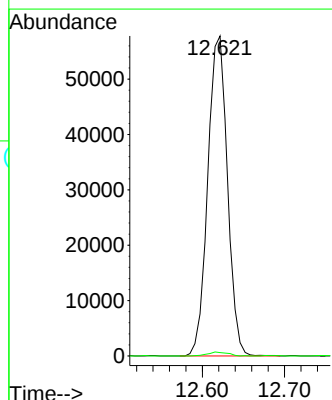
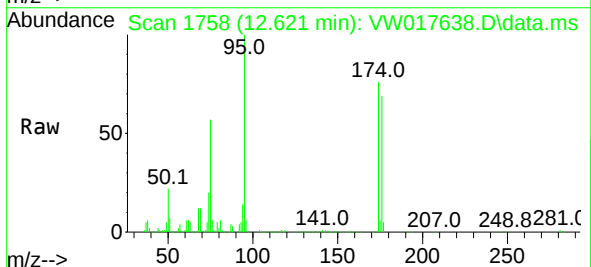
Instrument :
MSVOA_W
ClientSampleId :

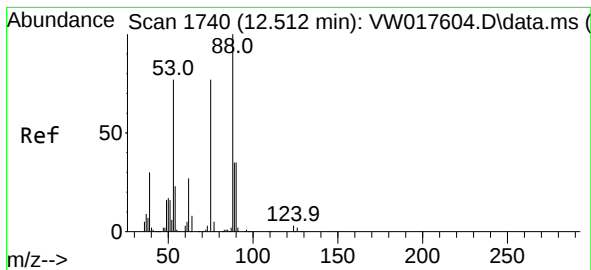
Tgt Ion:152 Resp: 154835
Ion Ratio Lower Upper
152 100
115 61.5 27.9 83.7
150 159.5 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 64.35 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017638.D
Acq: 15 Dec 2020 17:00

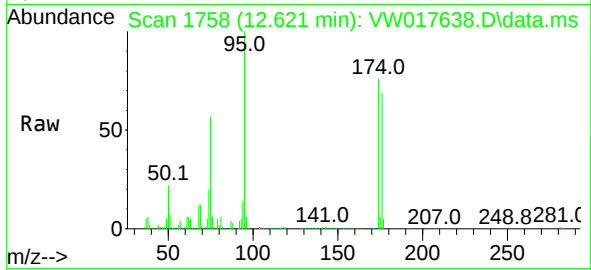
Tgt Ion: 75 Resp: 95919
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.39 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017638.D
 Acq: 15 Dec 2020 17:00

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 95919
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.4#
 89 0.0 38.7 58.1#

