

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
 Data File : VW018362.D
 Acq On : 18 Mar 2021 10:36
 Operator : SY/VA
 Sample : VD0318SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 18 16:40:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

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

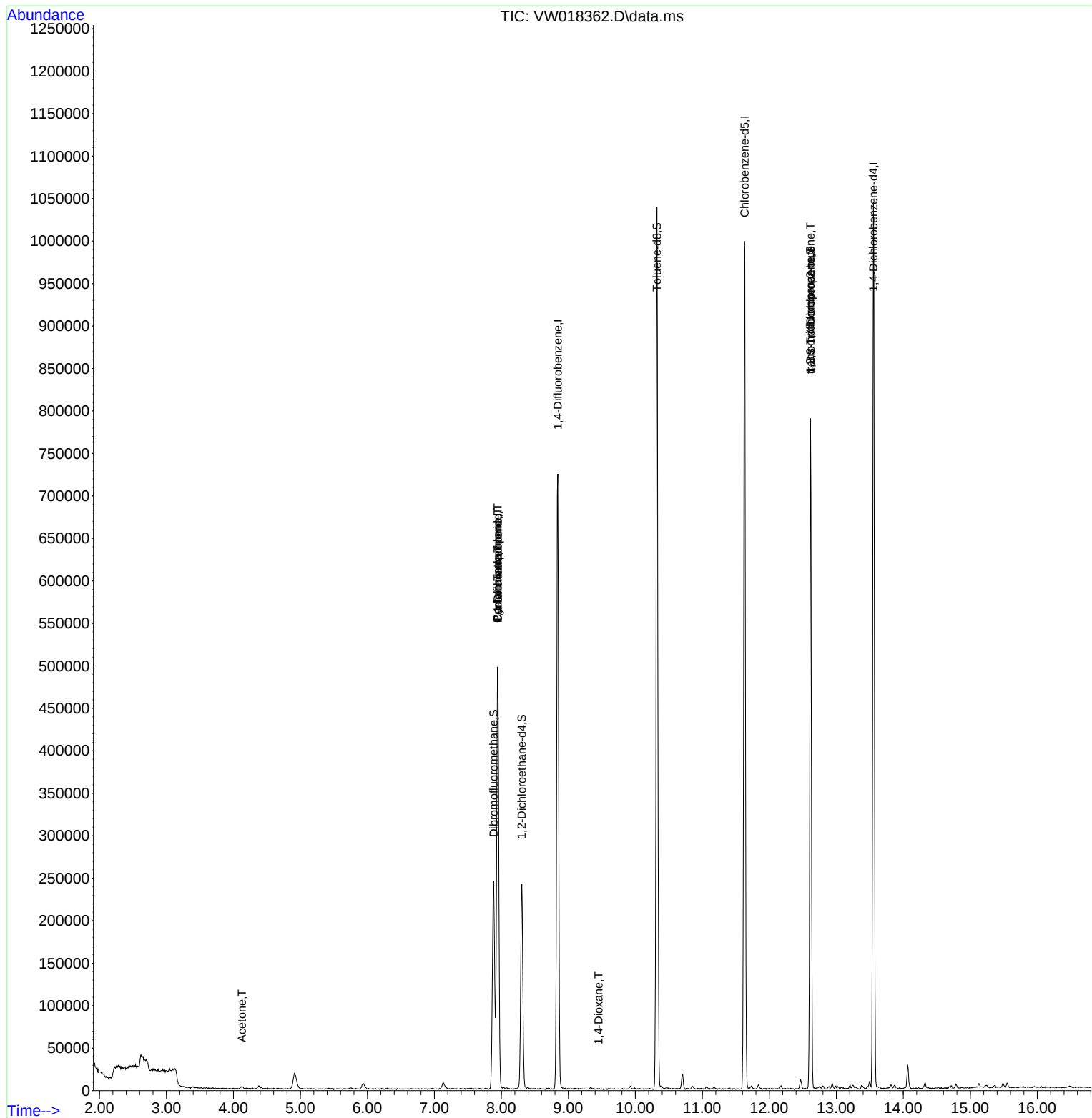
Internal Standards						
1) Pentafluorobenzene	7.945	168	358392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	586162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	540682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	248318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	197630	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.884	113	171826	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.323	98	696090	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.615	95	251278	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds					Qvalue	
13) Acrolein	3.903	56	110	Below Cal	#	1
16) Acetone	4.129	43	5297	9.26	ug/l #	88
31) Cyclohexane	7.945	56	9475	1.45	ug/l #	36
36) 1,1-Dichloropropene	7.945	75	30970	5.35	ug/l #	51
38) Carbon Tetrachloride	7.945	117	37125	6.86	ug/l #	16
49) 1,4-Dioxane	9.451	88	37	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	140694	61.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	140694	134.89	ug/l #	6

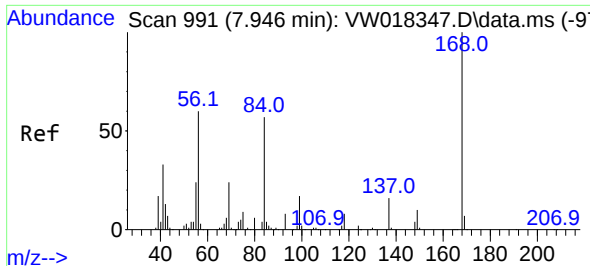
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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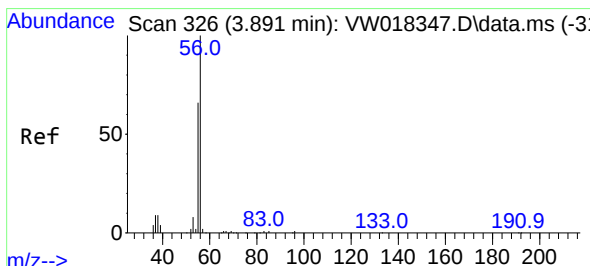
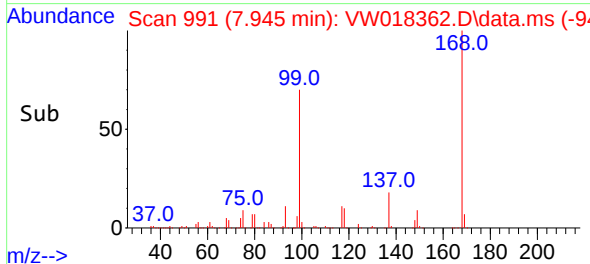
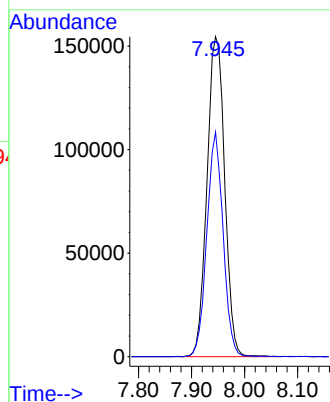
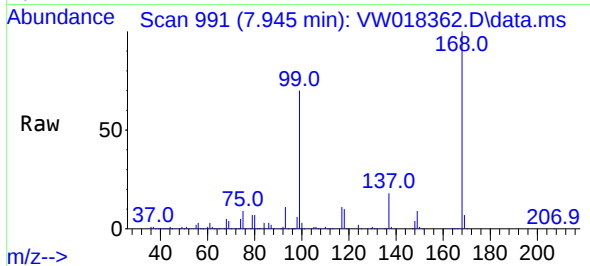




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.001 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

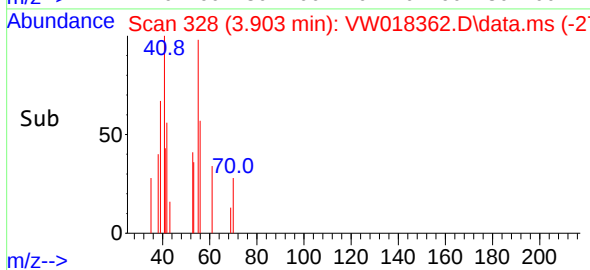
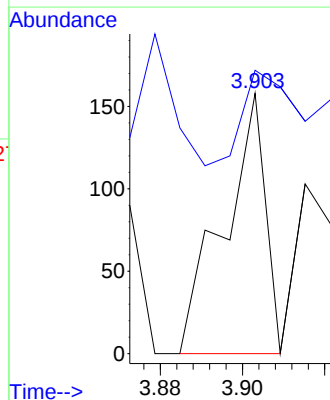
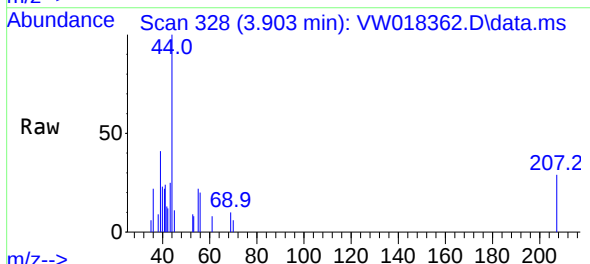
Instrument :
MSVOA_W
ClientSampleId :

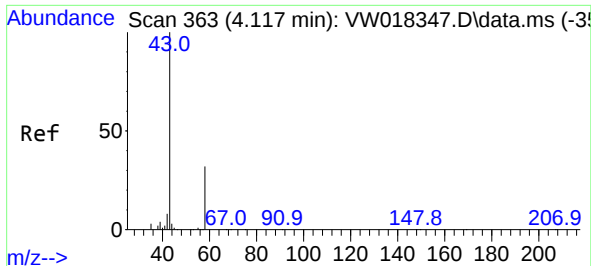
Tgt Ion:168 Resp: 358392
Ion Ratio Lower Upper
168 100
99 70.2 60.8 91.2



#13
Acrolein
Concen: Below Cal
RT: 3.903 min Scan# 328
Delta R.T. 0.012 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 357.3 56.8 85.2#

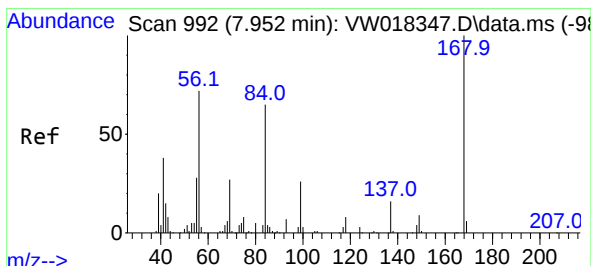
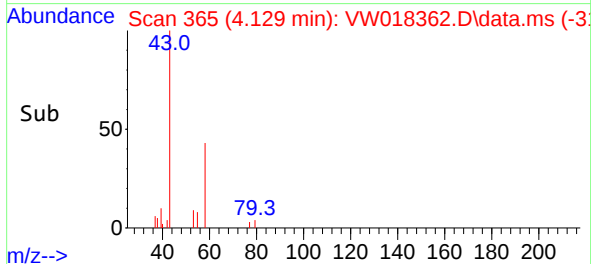
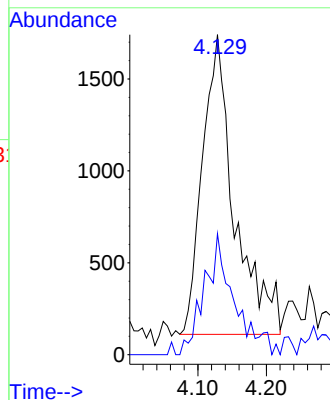
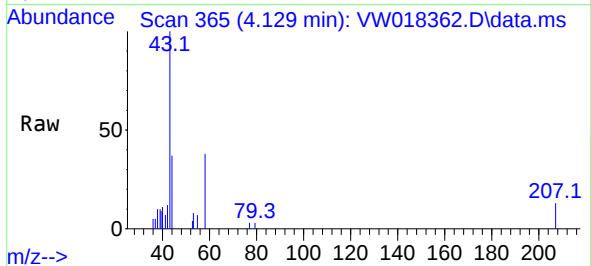




#16
Acetone
Concen: 9.26 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

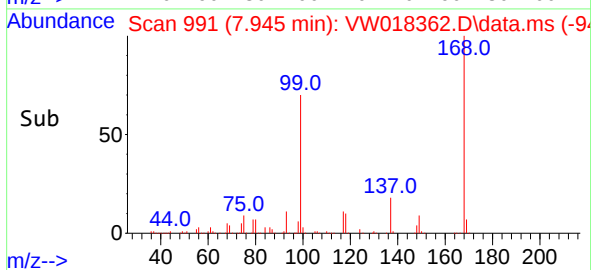
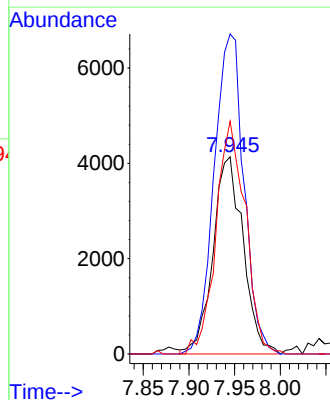
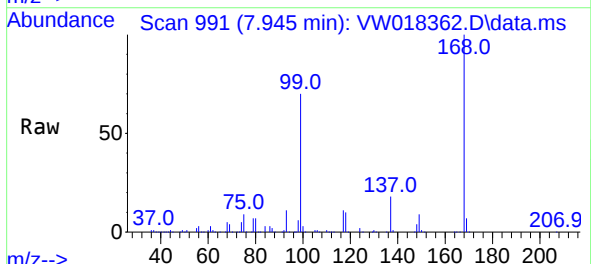
Instrument :
MSVOA_W
ClientSampled :

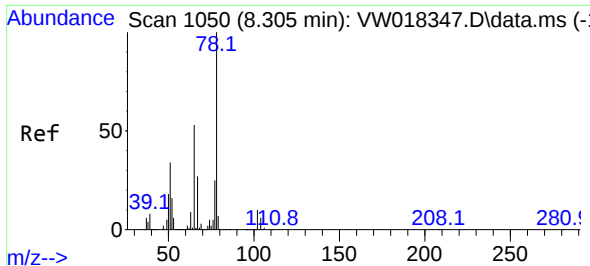
Tgt Ion: 43 Resp: 5297
Ion Ratio Lower Upper
43 100
58 40.4 26.9 40.3#



#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.007 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 56 Resp: 9475
Ion Ratio Lower Upper
56 100
69 162.3 29.9 44.9#
84 118.0 83.8 125.6

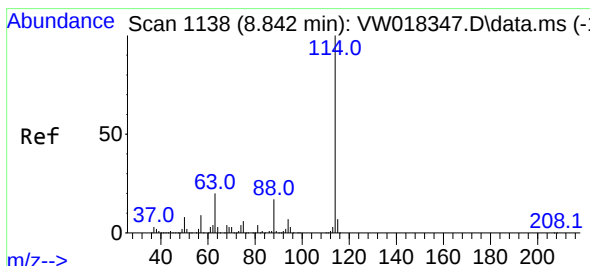
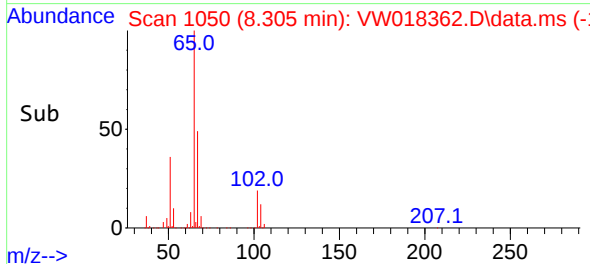
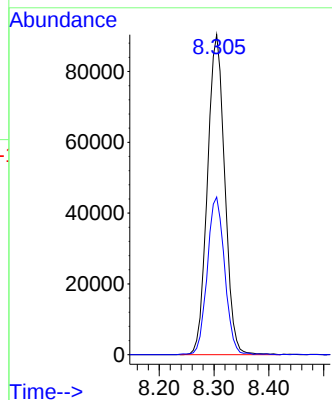
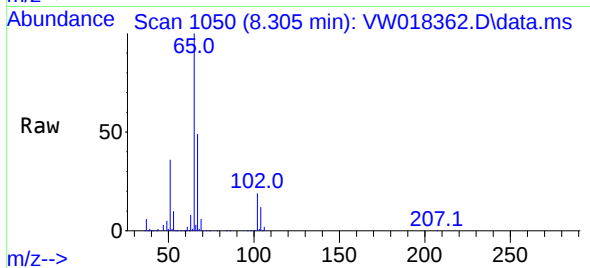




#33
 1,2-Dichloroethane-d4
 Concen: 51.64 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW018362.D
 Acq: 18 Mar 2021 10:36

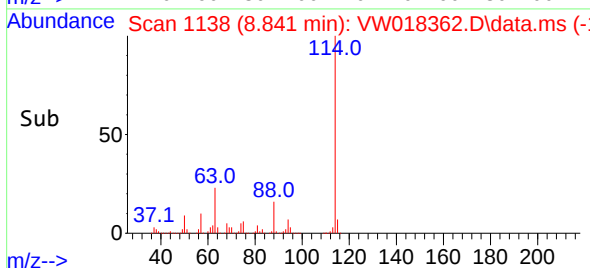
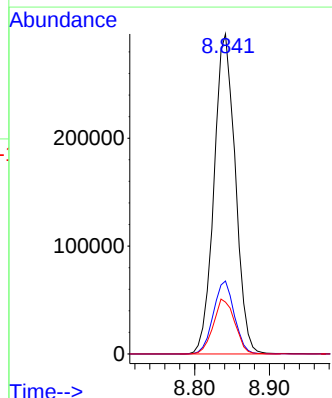
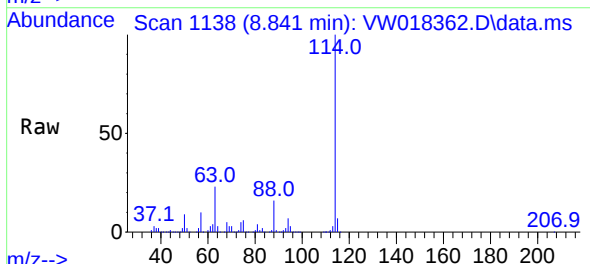
Instrument :
 MSVOA_W
 ClientSampled :

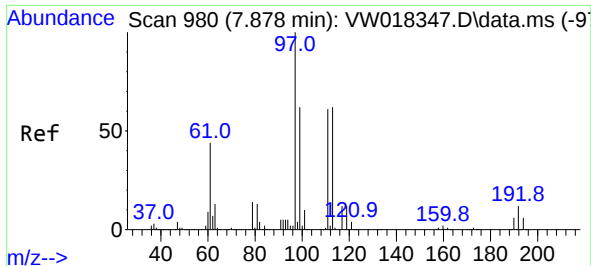
Tgt Ion: 65 Resp: 197630
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 96.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. -0.001 min
 Lab File: VW018362.D
 Acq: 18 Mar 2021 10:36

Tgt Ion: 114 Resp: 586162
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 40.4
 88 16.2 0.0 32.0

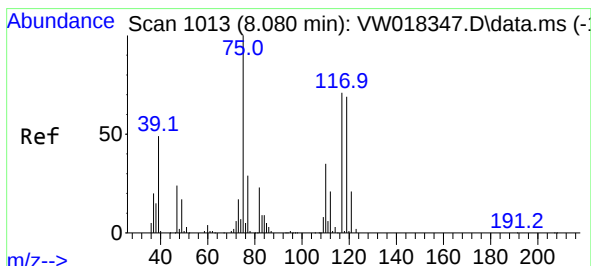
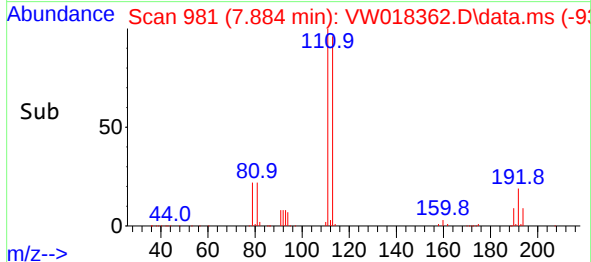
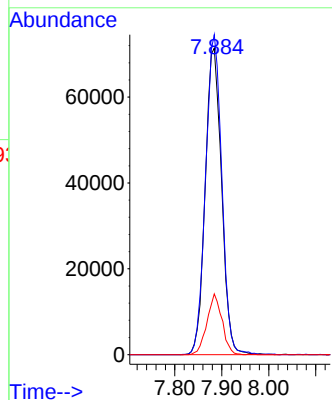
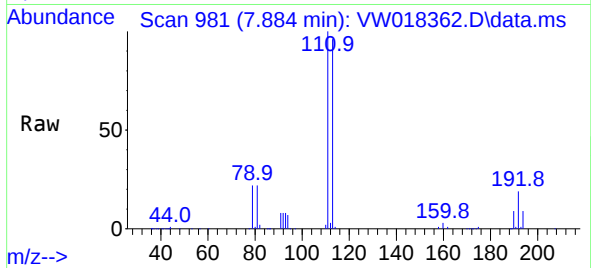




#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

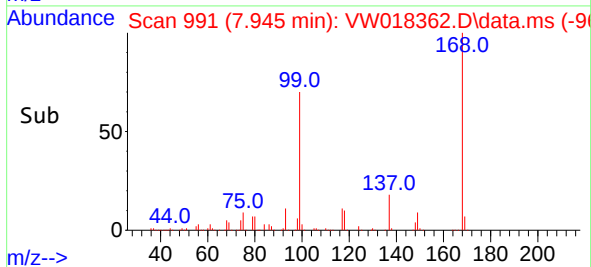
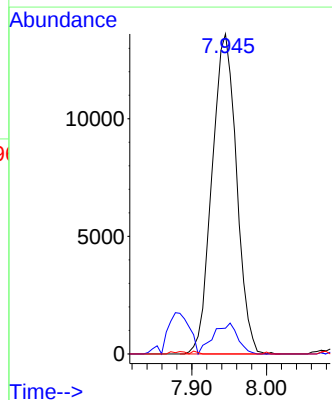
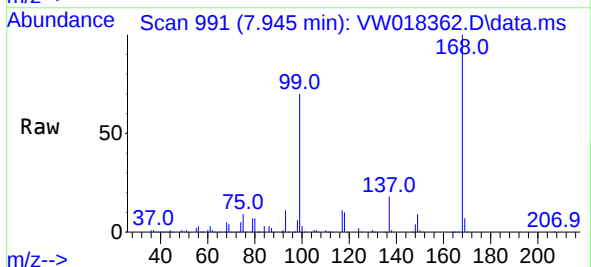
Instrument :
MSVOA_W
ClientSampled :

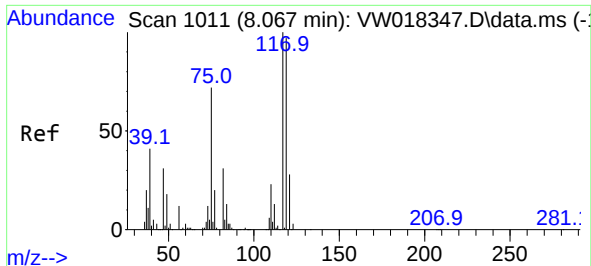
Tgt Ion:113 Resp: 171826
Ion Ratio Lower Upper
113 100
111 104.0 83.6 125.4
192 18.3 13.8 20.8



#36
1,1-Dichloropropene
Concen: 5.35 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.135 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 75 Resp: 30970
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 37.0#

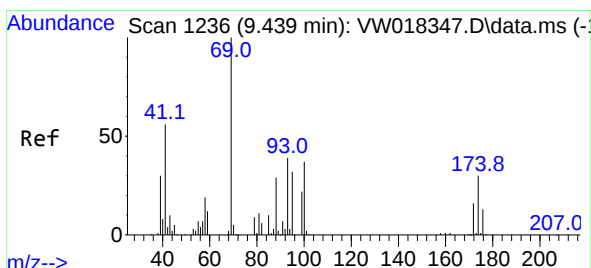
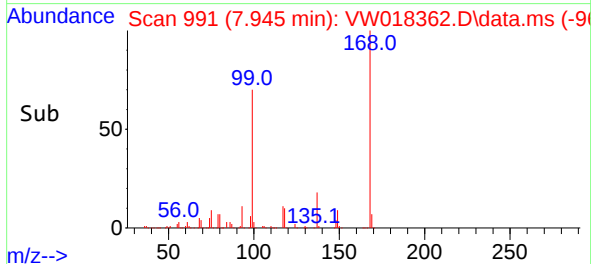
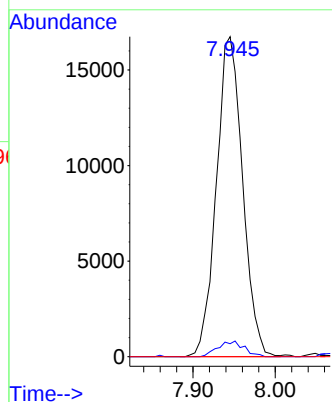
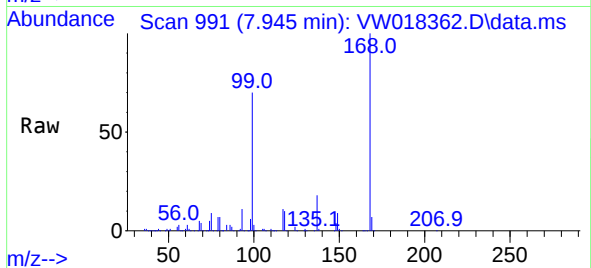




#38
Carbon Tetrachloride
Concen: 6.86 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

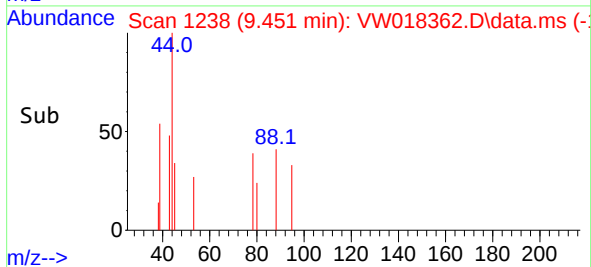
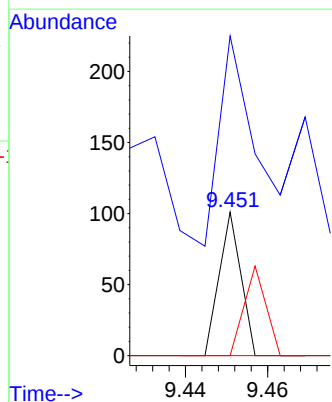
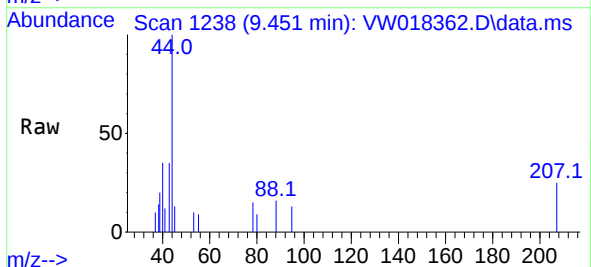
Instrument :
MSVOA_W
ClientSampleId :

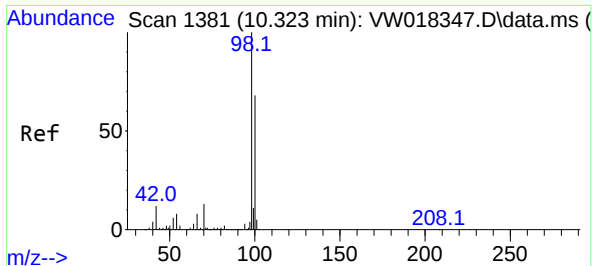
Tgt Ion:117 Resp: 37125
Ion Ratio Lower Upper
117 100
119 4.0 74.5 111.7#
121 0.0 20.3 30.5#



#49
1,4-Dioxane
Concen: 1.22 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.012 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 345.9 25.5 38.3#
58 62.2 51.3 76.9

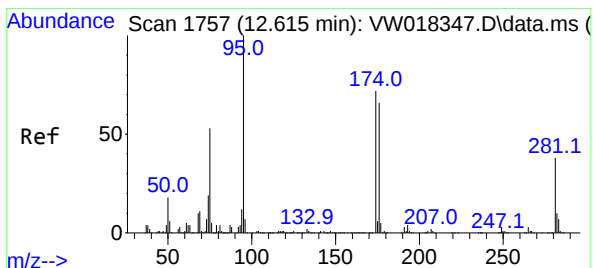
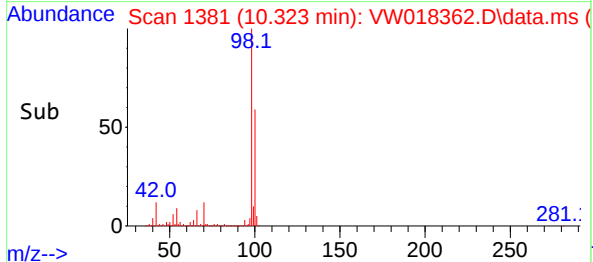
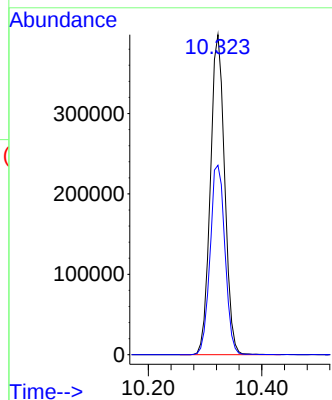
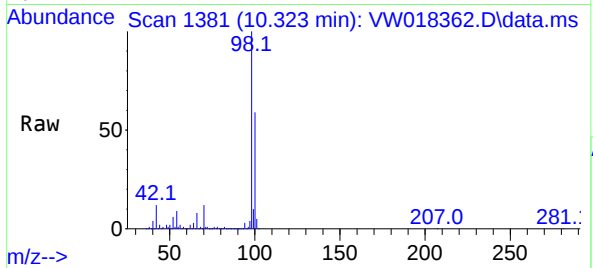




#50
Toluene-d8
Concen: 51.24 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

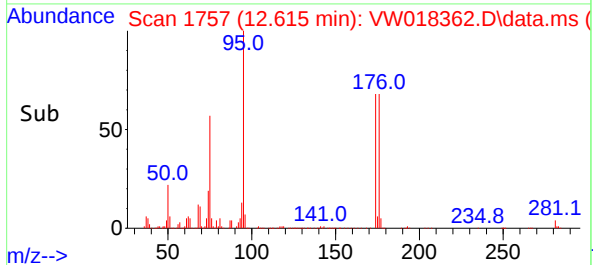
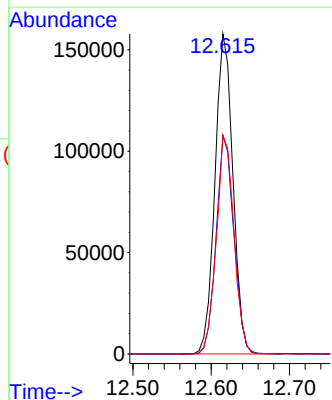
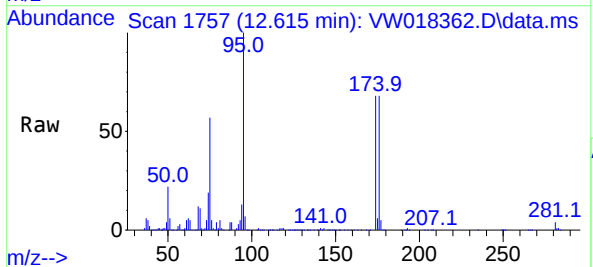
Instrument :
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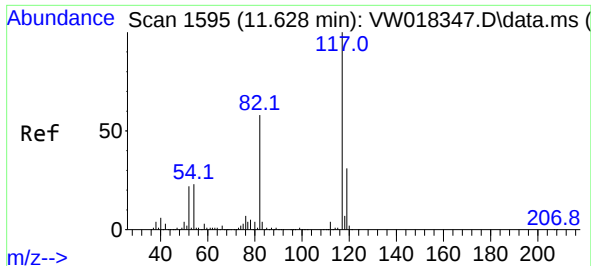
Tgt Ion: 98 Resp: 696090
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 95 Resp: 251278
Ion Ratio Lower Upper
95 100
174 67.7 0.0 132.8
176 67.1 0.0 131.4

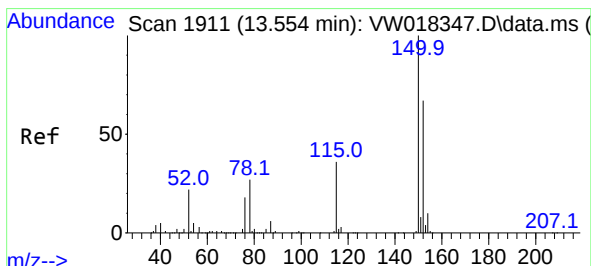
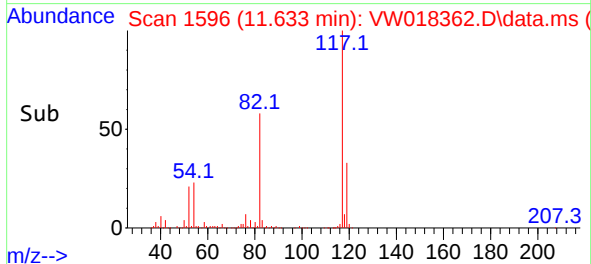
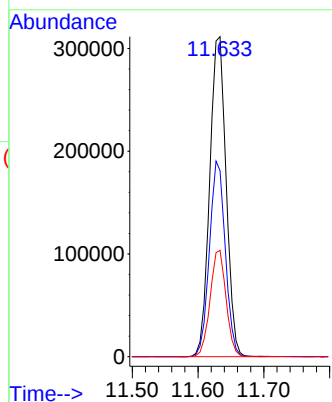
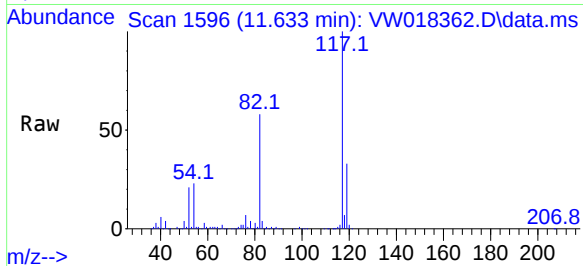




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. 0.005 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

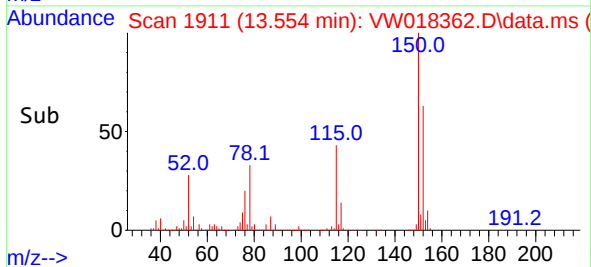
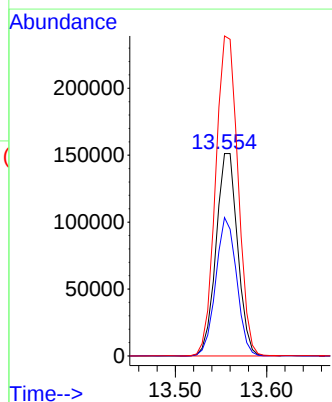
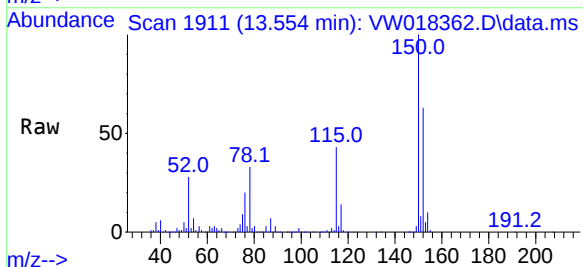
Instrument :
MSVOA_W
ClientSampleId :

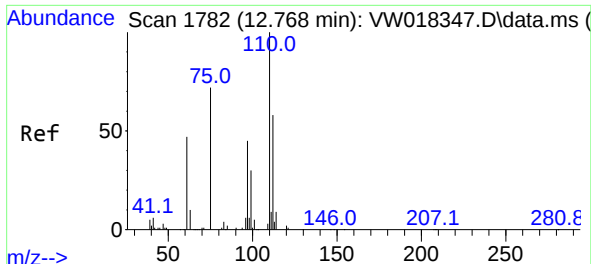
Tgt Ion:	117	Resp:	540682
Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.1	64.7
119	33.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion:	152	Resp:	248318
Ion	Ratio	Lower	Upper
152	100		
115	65.9	31.9	95.7
150	163.6	0.0	347.2

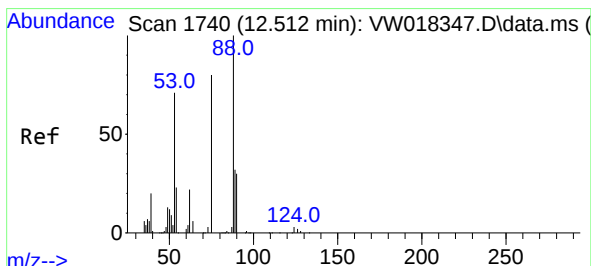
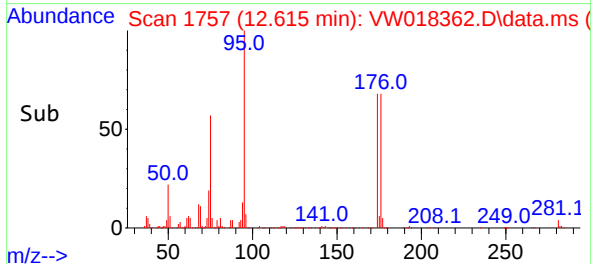
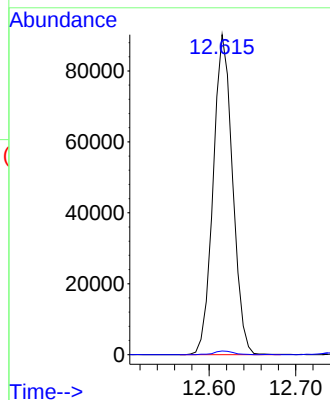
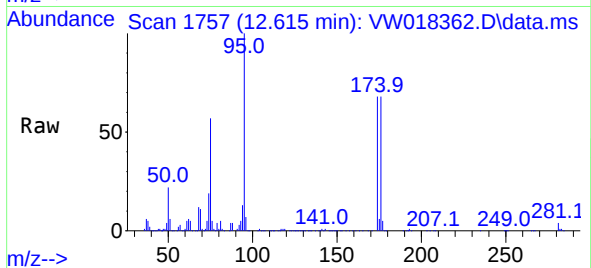




#76
1,2,3-Trichloropropane
Concen: 61.62 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 140694
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.89 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW018362.D
Acq: 18 Mar 2021 10:36

Tgt Ion: 75 Resp: 140694
Ion Ratio Lower Upper
75 100
53 0.1 86.9 130.3#
89 0.0 38.8 58.2#

