

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019263.D
 Acq On : 22 Jun 2021 12:58
 Operator : SY/VA
 Sample : M2801-02
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

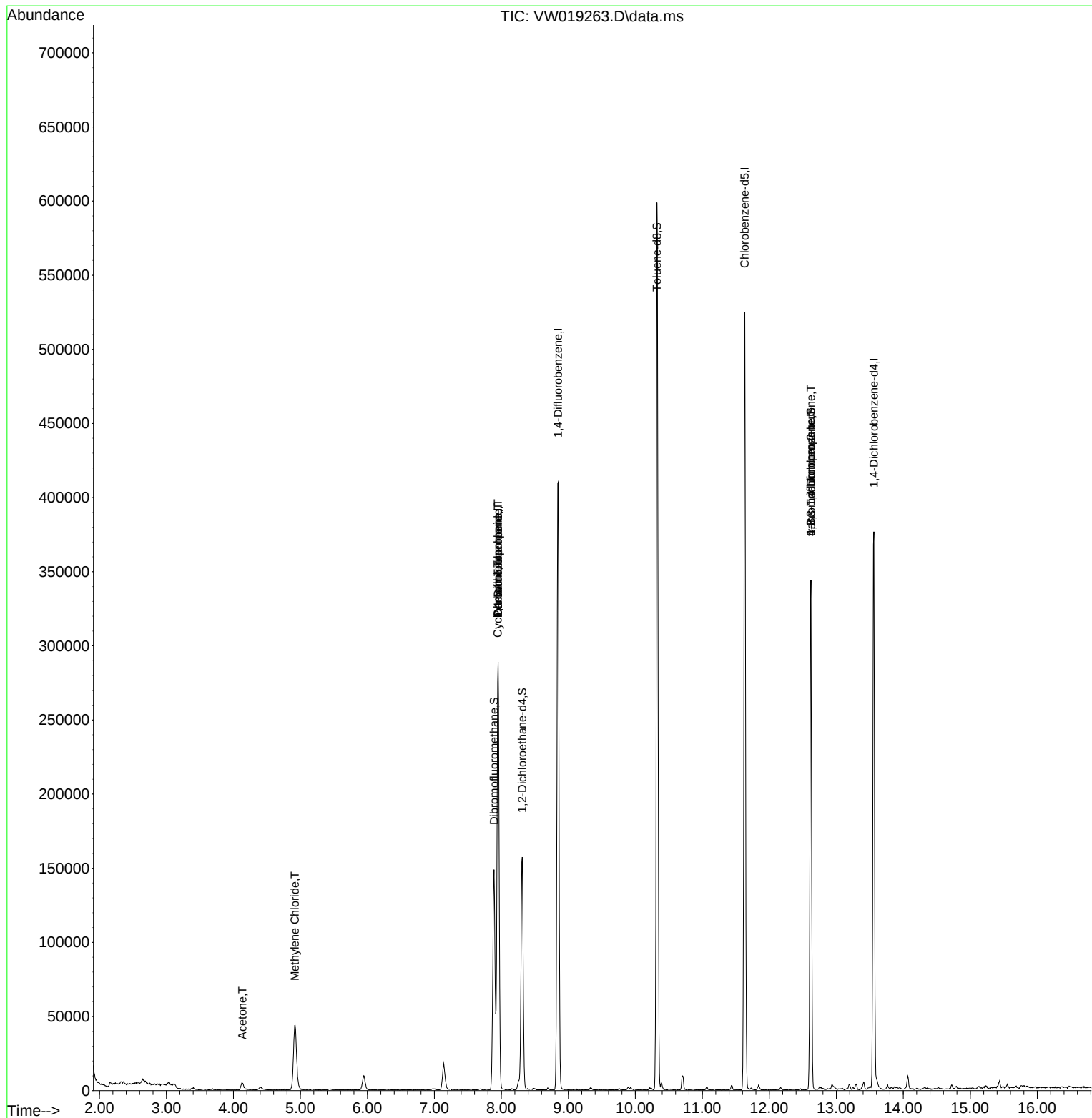
Internal Standards						
1) Pentafluorobenzene	7.951	168	205594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	350372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	282244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	95363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	128903	51.685	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.380%	
35) Dibromofluoromethane	7.890	113	104778	46.951	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.900%	
50) Toluene-d8	10.323	98	393841	44.085	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.160%	
62) 4-Bromofluorobenzene	12.621	95	113319	36.268	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.159	59	326	Below Cal	#	71
16) Acetone	4.135	43	8862	22.139	ug/l	90
20) Methylene Chloride	4.915	84	35293	8.339	ug/l	96
31) Cyclohexane	7.945	56	5584	1.317	ug/l #	2
36) 1,1-Dichloropropene	7.951	75	18140	4.892	ug/l #	49
38) Carbon Tetrachloride	7.951	117	22042	6.800	ug/l #	14
76) 1,2,3-Trichloropropane	12.621	75	60664	64.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	60664	157.527	ug/l #	9

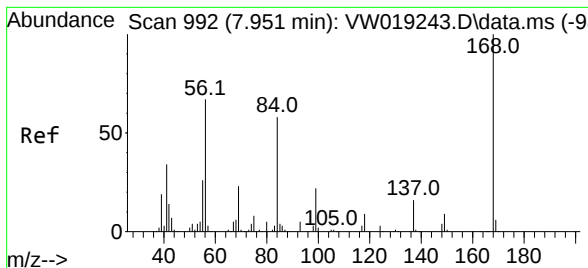
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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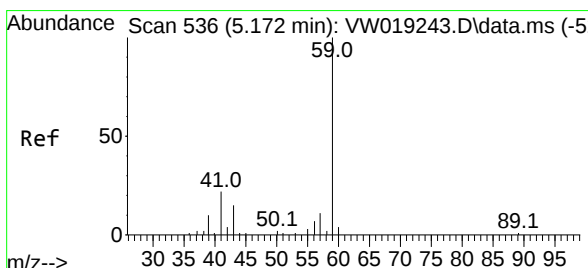
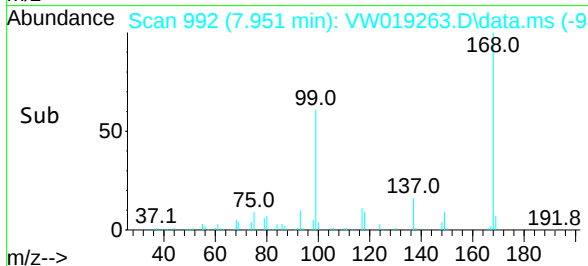
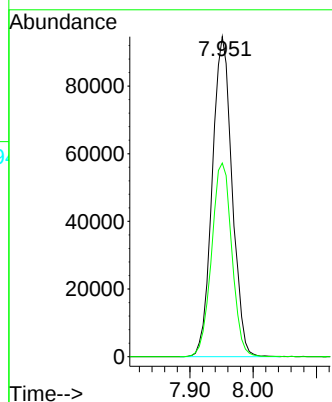
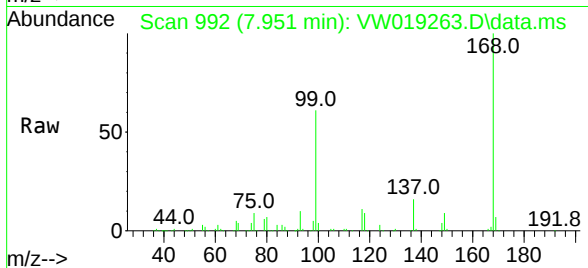




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

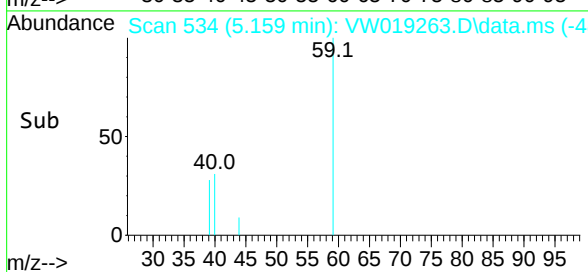
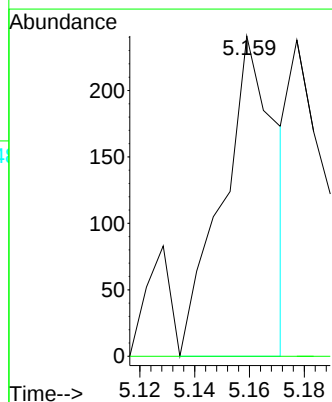
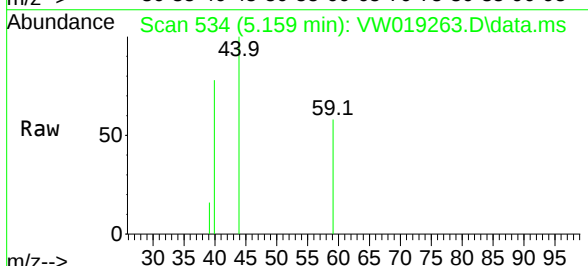
Instrument :
MSVOA_W
ClientSampleId :

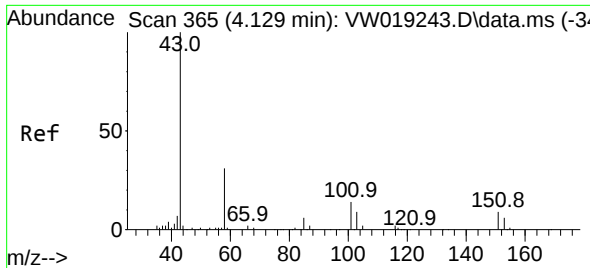
Tgt Ion:168 Resp: 205594
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.159 min Scan# 534
Delta R.T. -0.013 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

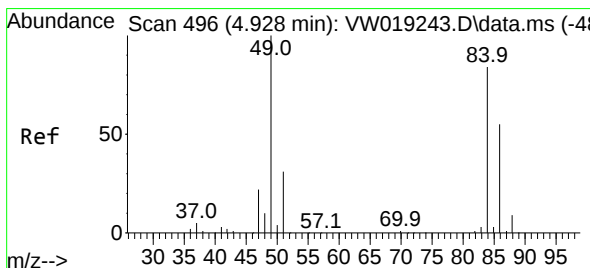
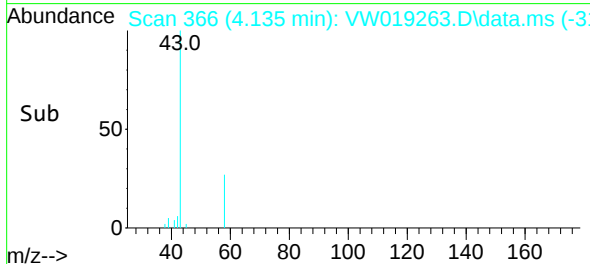
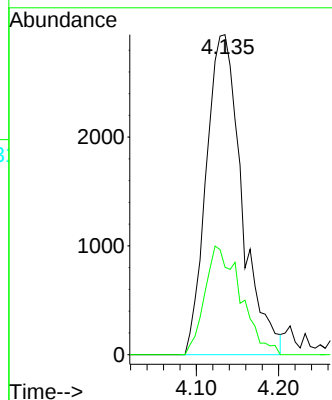
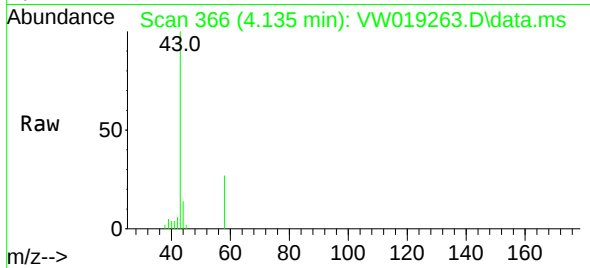




#16
Acetone
Concen: 22.139 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

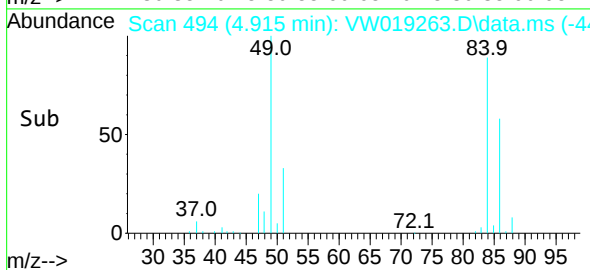
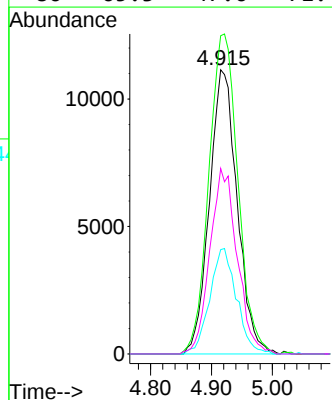
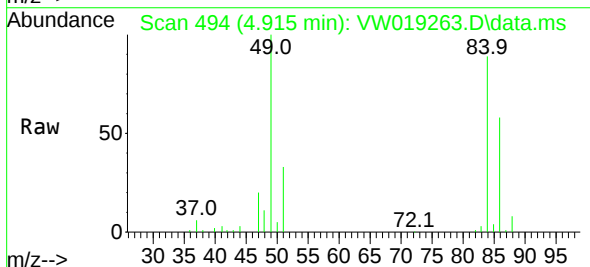
Instrument :
MSVOA_W
ClientSampled :

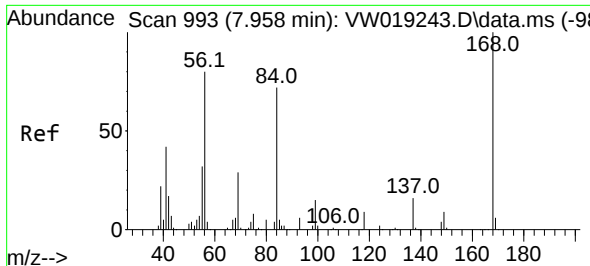
Tgt Ion: 43 Resp: 8862
Ion Ratio Lower Upper
43 100
58 27.4 26.4 39.6



#20
Methylene Chloride
Concen: 8.339 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.013 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion: 84 Resp: 35293
Ion Ratio Lower Upper
84 100
49 112.0 90.4 135.6
51 36.7 27.1 40.7
86 65.3 47.6 71.4

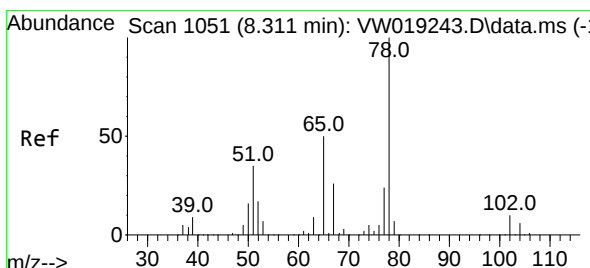
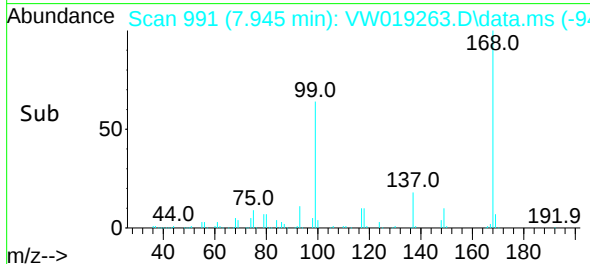
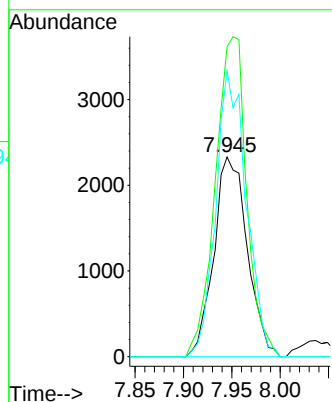
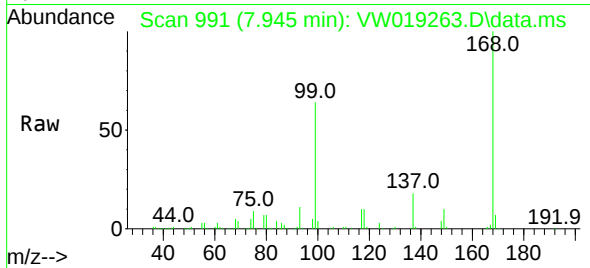




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

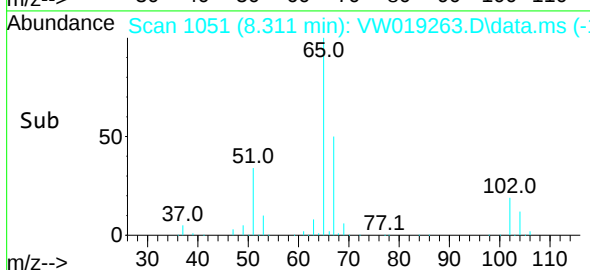
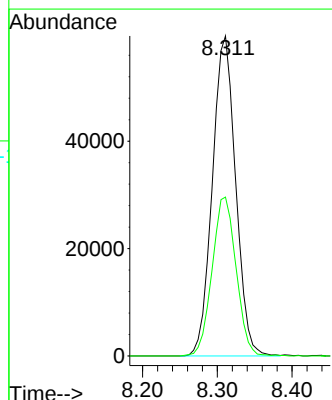
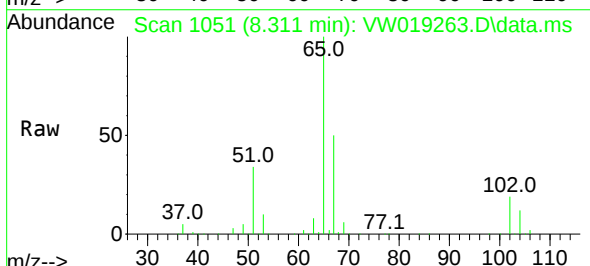
Instrument :
MSVOA_W
ClientSampleId :

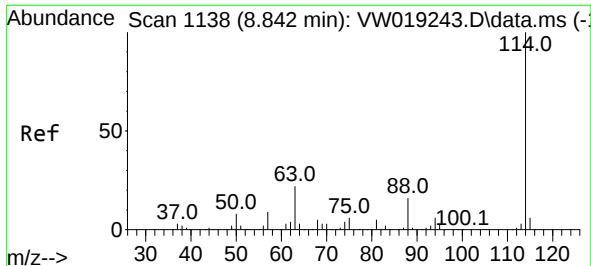
Tgt Ion: 56 Resp: 5584
Ion Ratio Lower Upper
56 100
69 155.2 28.4 42.6#
84 143.2 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 51.685 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion: 65 Resp: 128903
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

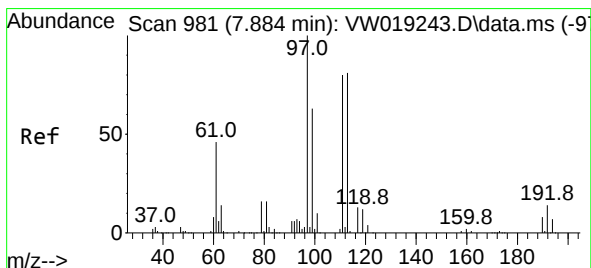
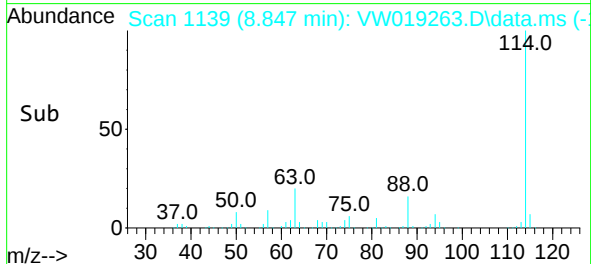
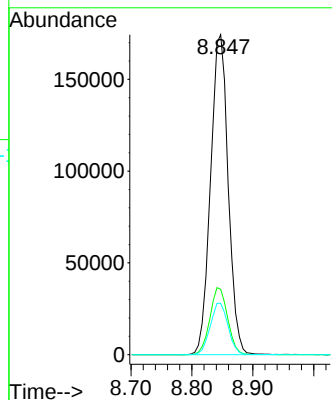
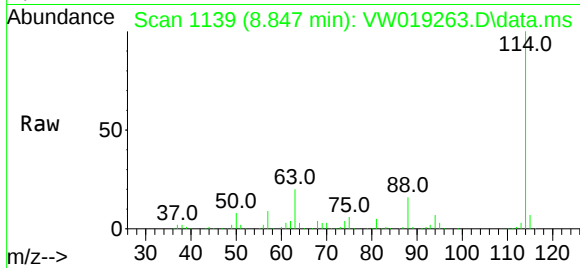




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.005 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

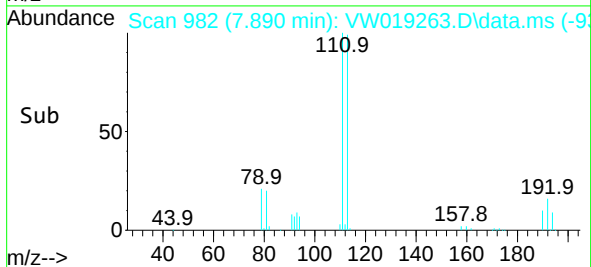
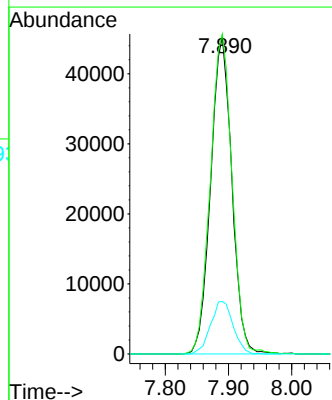
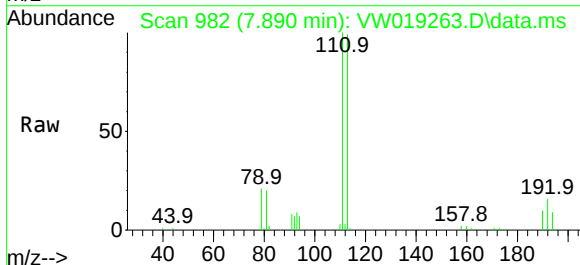
Instrument :
MSVOA_W
ClientSampleId :

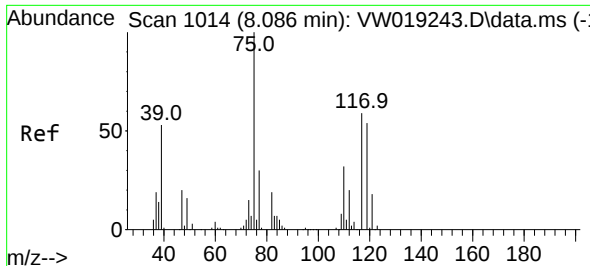
Tgt Ion:114 Resp: 350372
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.951 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion:113 Resp: 104778
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 17.7 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.892 ug/l

RT: 7.951 min Scan# 992

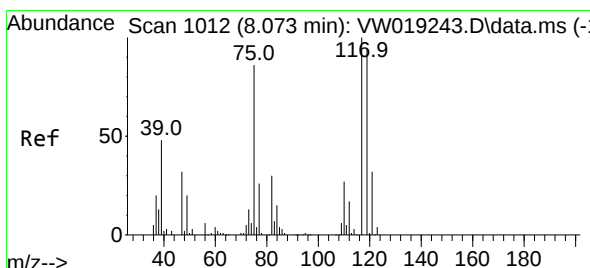
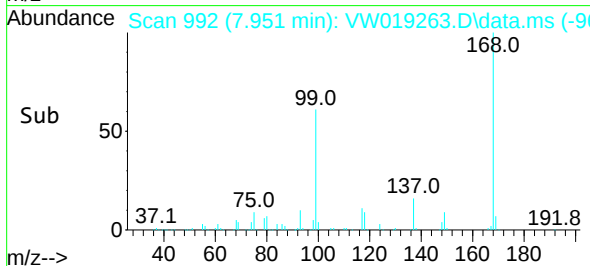
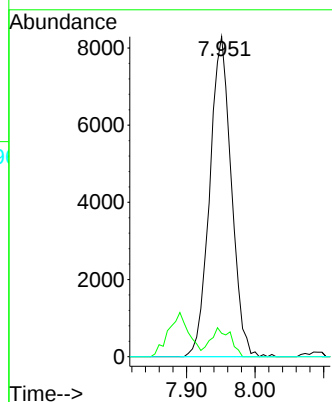
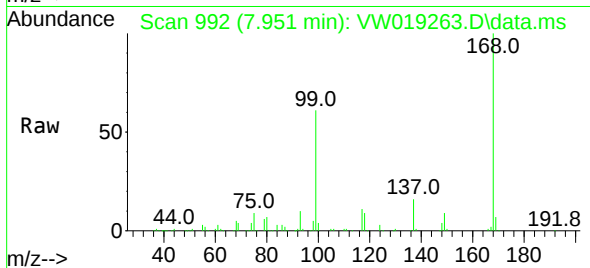
Delta R.T. -0.135 min

Lab File: VW019263.D

Acq: 22 Jun 2021 12:58

Tgt Ion:	75	Resp:	18140
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	25.3	37.9#

Instrument :
MSVOA_W
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.800 ug/l

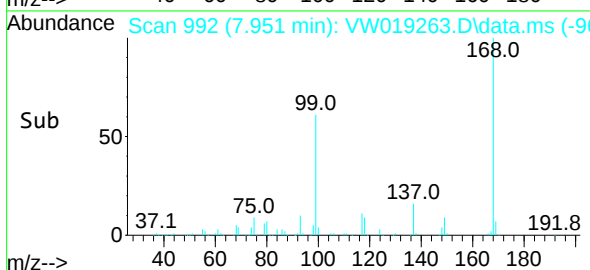
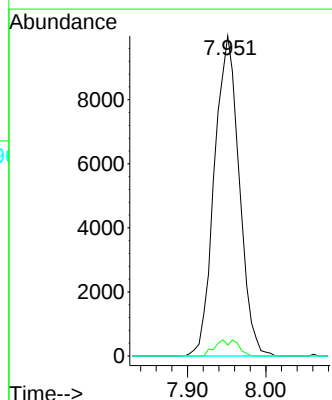
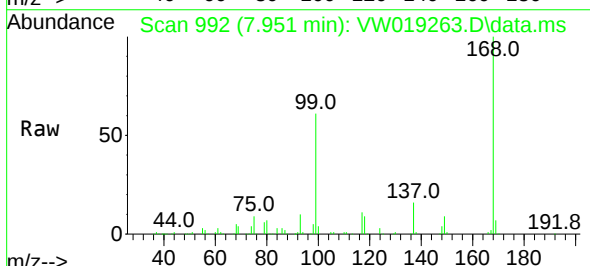
RT: 7.951 min Scan# 992

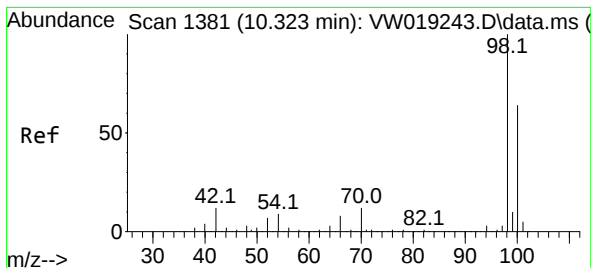
Delta R.T. -0.122 min

Lab File: VW019263.D

Acq: 22 Jun 2021 12:58

Tgt Ion:	117	Resp:	22042
Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.4	116.0#
121	0.0	23.6	35.4#

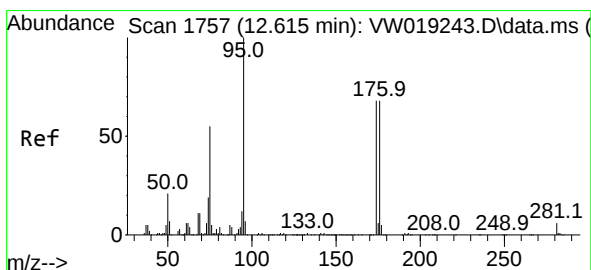
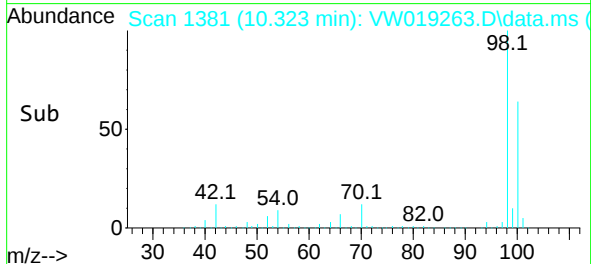
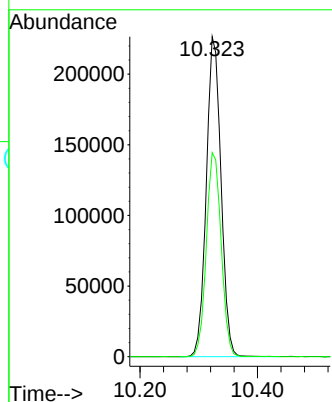
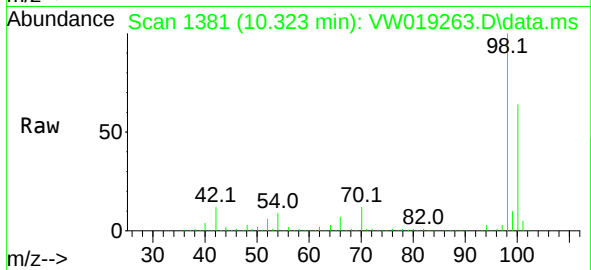




#50
Toluene-d8
Concen: 44.085 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

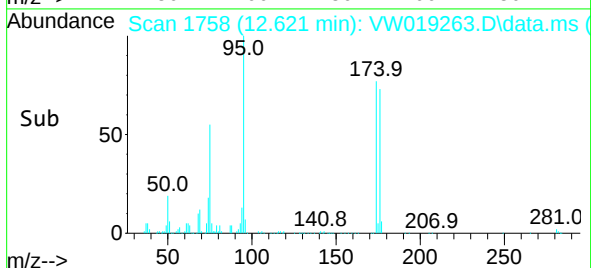
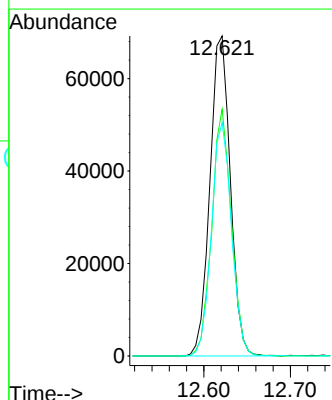
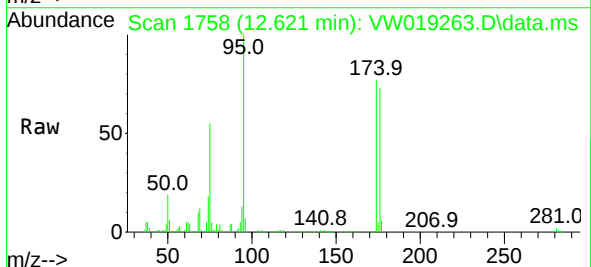
Instrument :
MSVOA_W
ClientSampled :

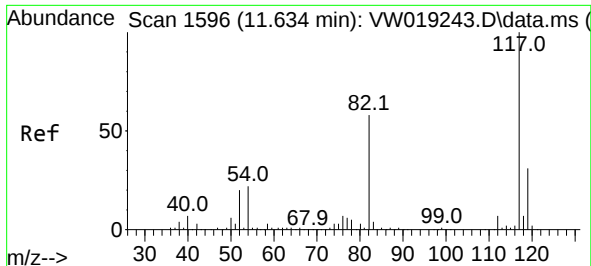
Tgt Ion: 98 Resp: 393841
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.268 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion: 95 Resp: 113319
Ion Ratio Lower Upper
95 100
174 74.1 0.0 156.2
176 71.5 0.0 160.8

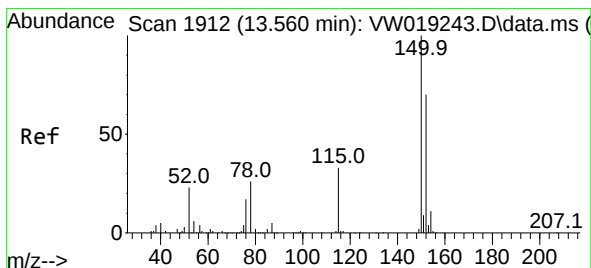
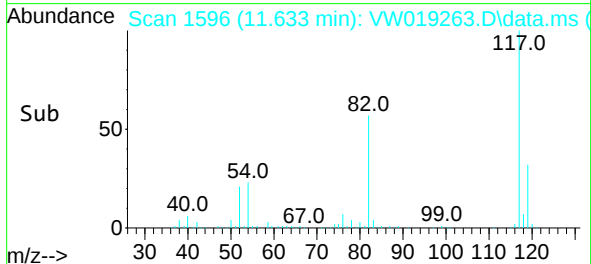
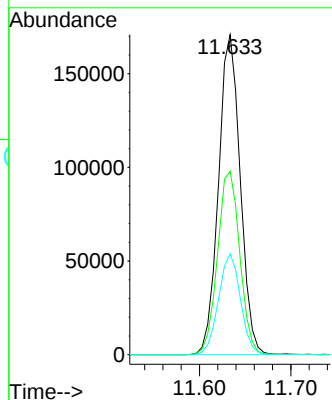
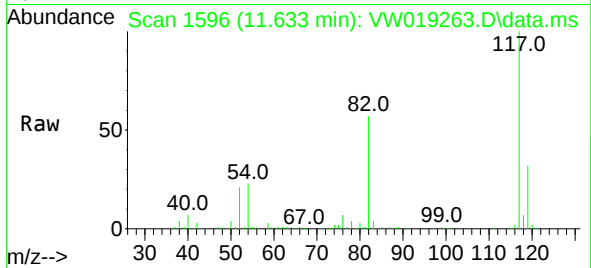




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

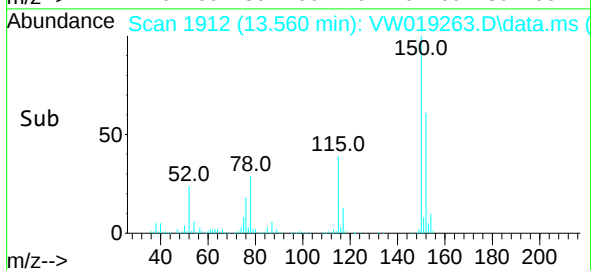
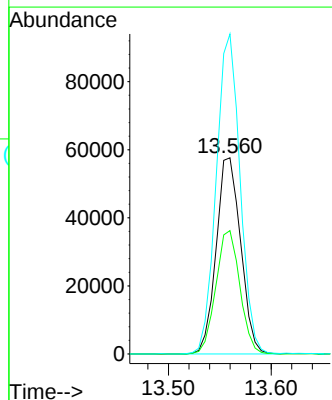
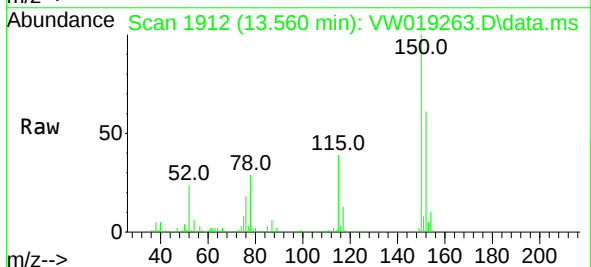
Instrument :
MSVOA_W
ClientSampleId :

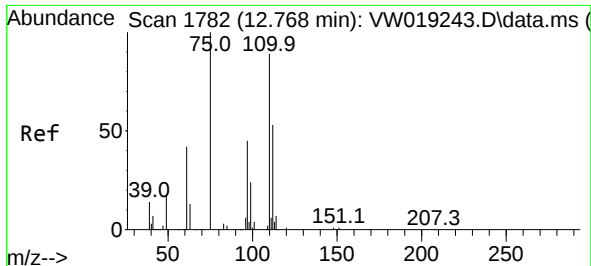
Tgt Ion:117 Resp: 282244
Ion Ratio Lower Upper
117 100
82 57.3 44.4 66.6
119 31.6 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion:152 Resp: 95363
Ion Ratio Lower Upper
152 100
115 61.6 30.3 90.8
150 159.0 0.0 356.0

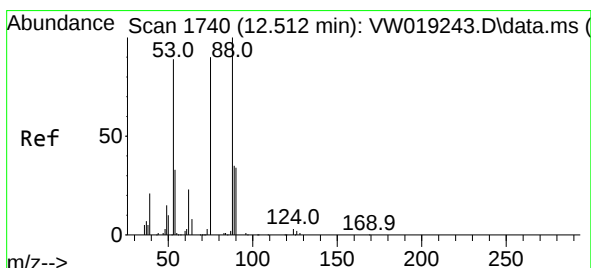
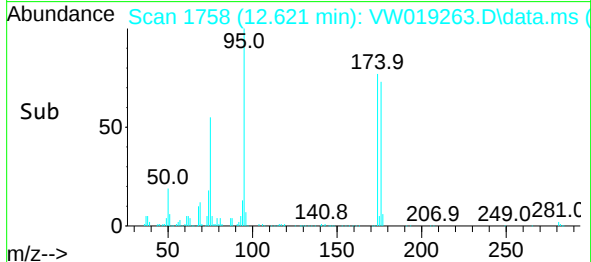
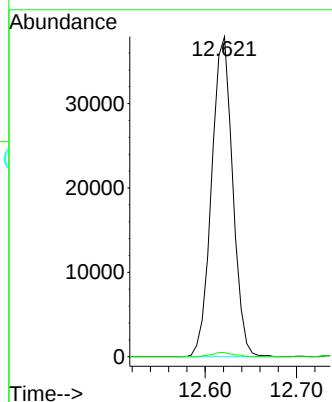
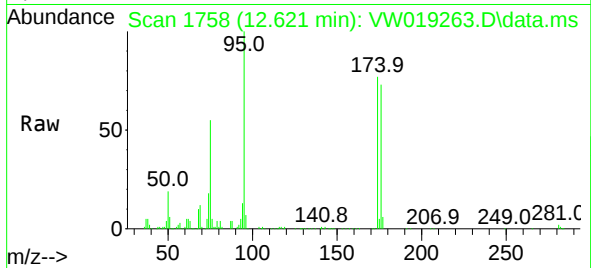




#76
1,2,3-Trichloropropane
Concen: 64.935 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 60664
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.527 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW019263.D
Acq: 22 Jun 2021 12:58

Tgt Ion: 75 Resp: 60664
Ion Ratio Lower Upper
75 100
53 0.1 81.5 122.3#
89 0.0 36.3 54.5#

