

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019272.D
 Acq On : 22 Jun 2021 16:34
 Operator : SY/VA
 Sample : M2772-04
 Misc : 5.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:42:48 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)

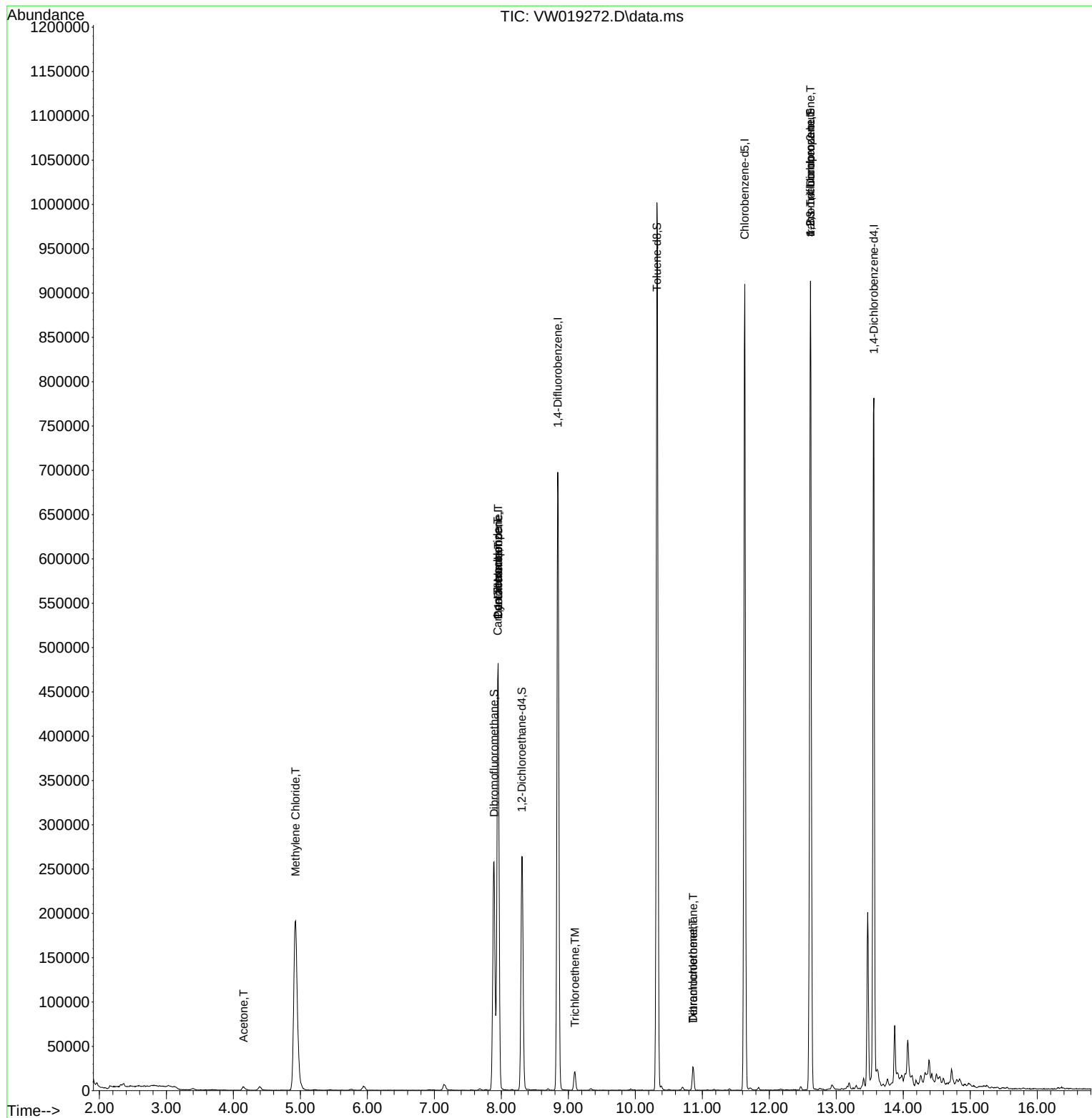
Internal Standards						
1) Pentafluorobenzene	7.952	168	337099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	574559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	487683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	196284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	217457	53.178	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.360%	
35) Dibromofluoromethane	7.891	113	182099	49.759	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.520%	
50) Toluene-d8	10.323	98	670097	45.741	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.480%	
62) 4-Bromofluorobenzene	12.615	95	207353	40.469	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	613	Below Cal	#	71
16) Acetone	4.153	43	7302	11.126	ug/l	91
20) Methylene Chloride	4.928	84	181063	44.410	ug/l	97
31) Cyclohexane	7.952	56	8550	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	29731	4.889	ug/l #	50
38) Carbon Tetrachloride	7.945	117	34915	6.568	ug/l #	16
44) Trichloroethene	9.098	130	7127	1.719	ug/l	97
60) Dibromochloromethane	10.866	129	5181	1.618	ug/l #	11
64) Tetrachloroethene	10.860	164	5511	1.778	ug/l	94
76) 1,2,3-Trichloropropane	12.615	75	116723	60.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	116723	147.256	ug/l #	10

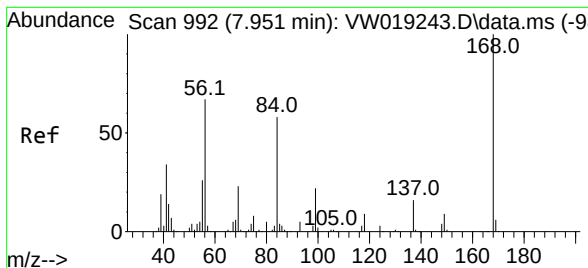
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 05:42:48 2021
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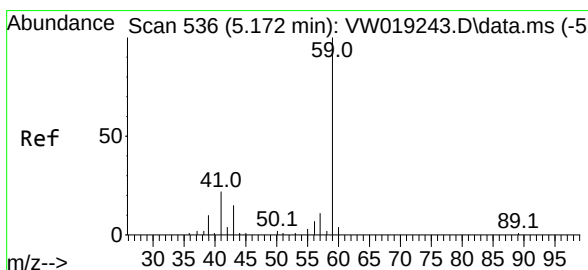
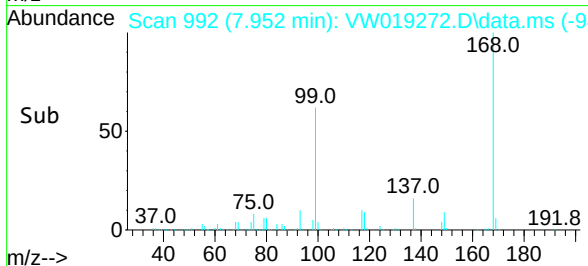
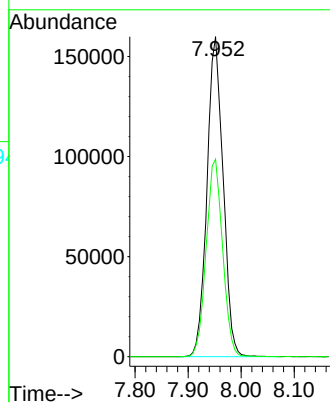
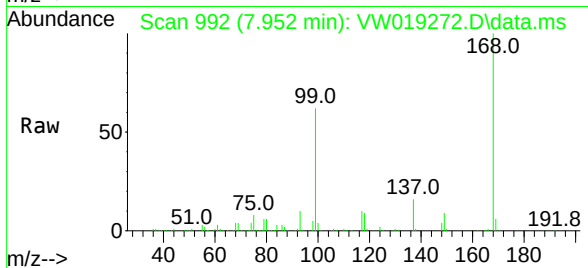




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

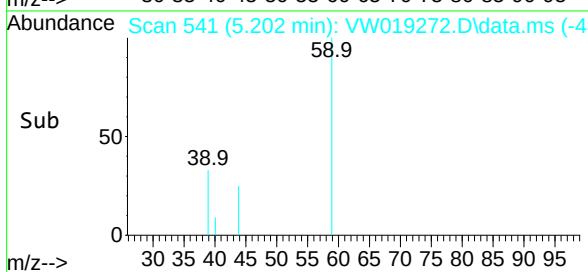
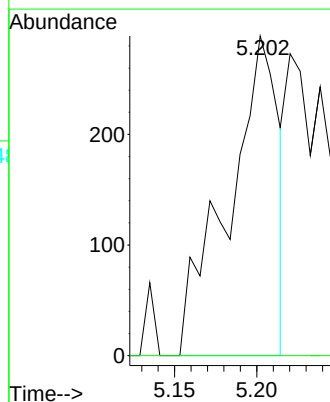
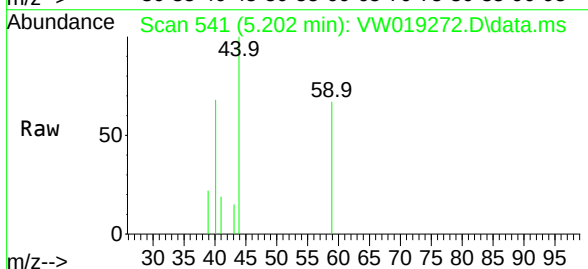
Instrument :
MSVOA_W
ClientSampleId :

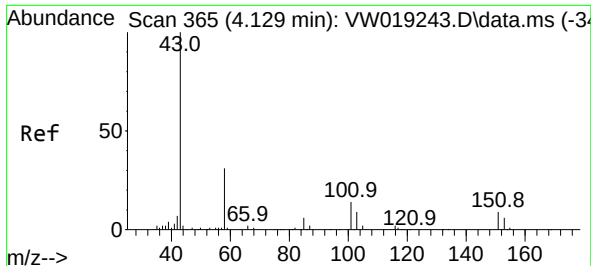
Tgt Ion:168 Resp: 337099
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.030 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

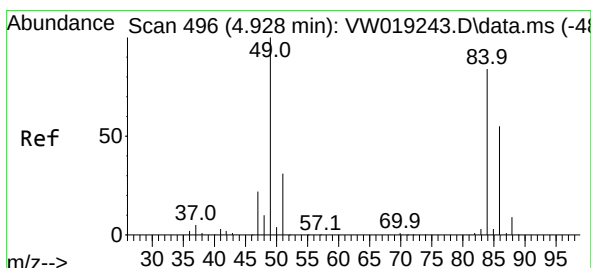
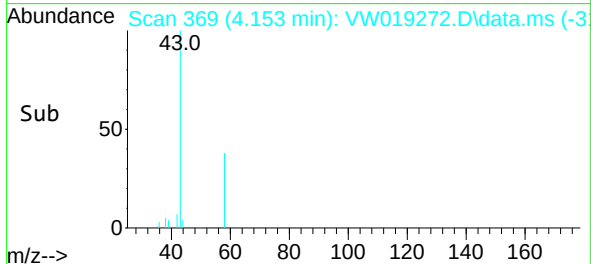
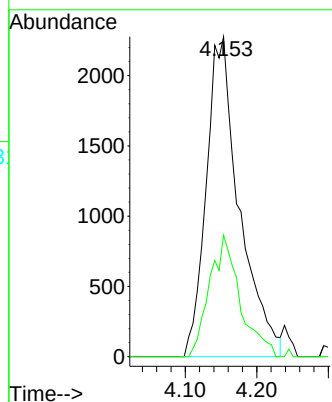
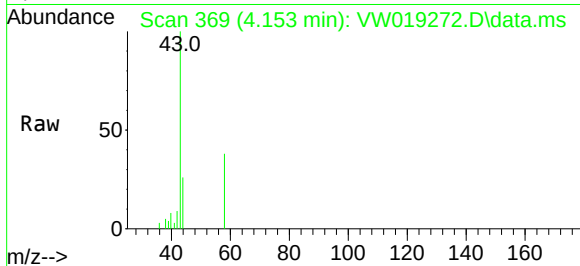




#16
Acetone
Concen: 11.126 ug/l
RT: 4.153 min Scan# 369
Delta R.T. 0.024 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

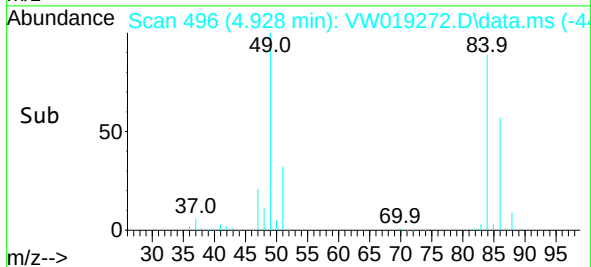
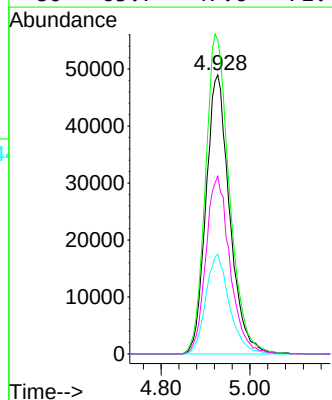
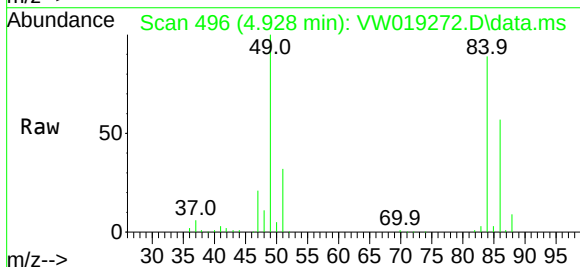
Instrument :
MSVOA_W
ClientSampled :

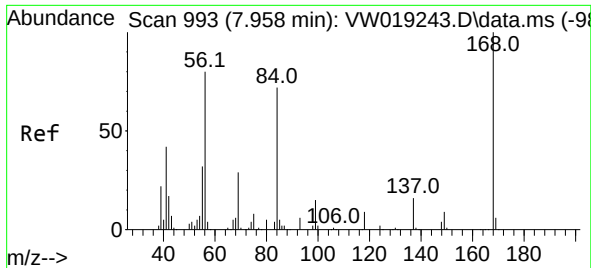
Tgt Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
58 38.0 26.4 39.6



#20
Methylene Chloride
Concen: 44.410 ug/l
RT: 4.928 min Scan# 496
Delta R.T. -0.000 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion: 84 Resp: 181063
Ion Ratio Lower Upper
84 100
49 112.3 90.4 135.6
51 35.8 27.1 40.7
86 63.7 47.6 71.4

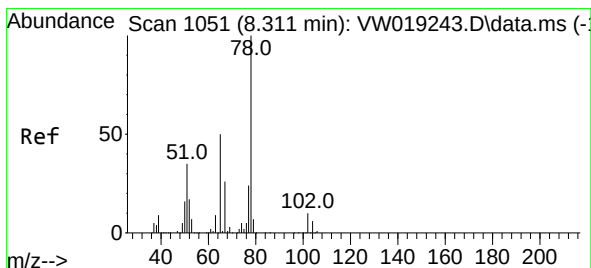
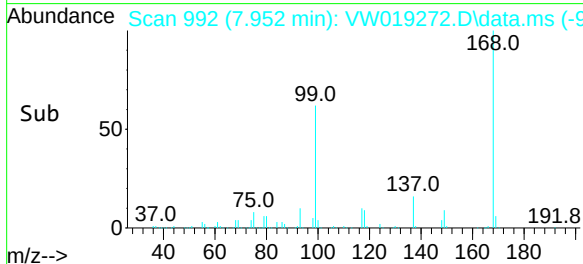
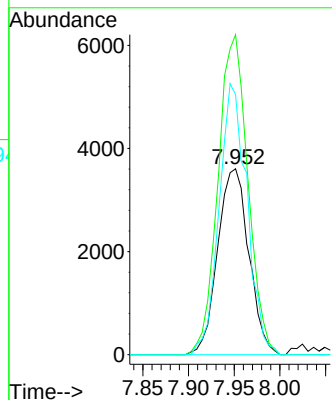
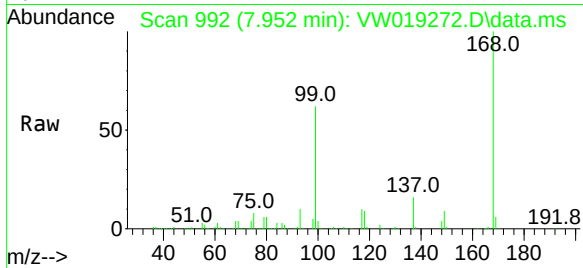




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

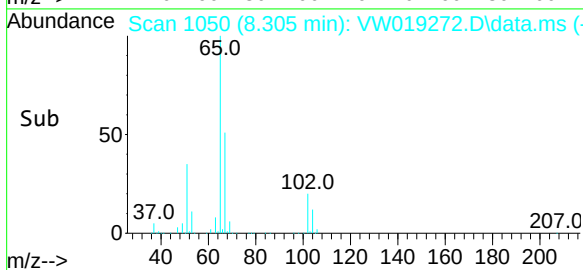
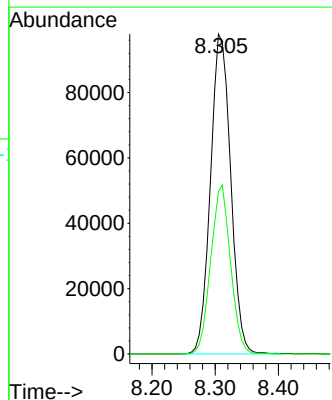
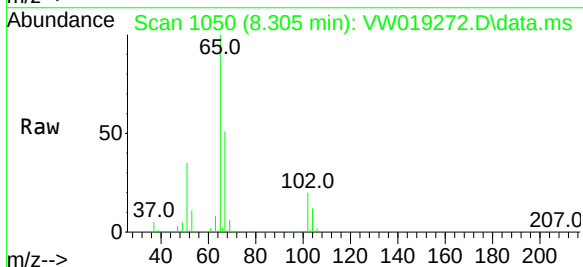
Instrument :
MSVOA_W
ClientSampleId :

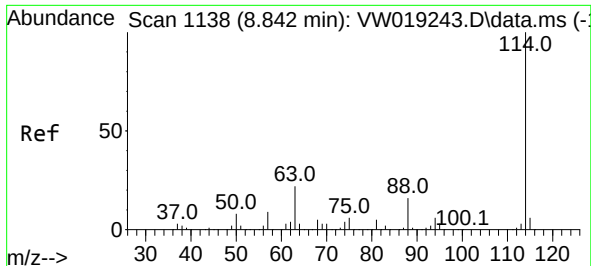
Tgt Ion: 56 Resp: 8550
Ion Ratio Lower Upper
56 100
69 172.2 28.4 42.6#
84 140.0 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 53.178 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion: 65 Resp: 217457
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

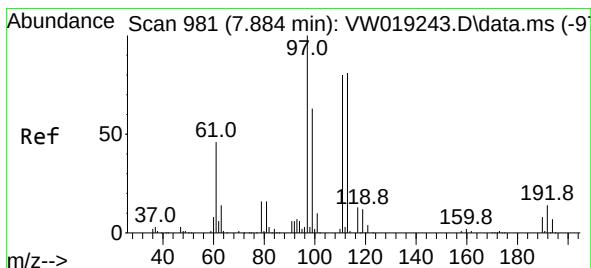
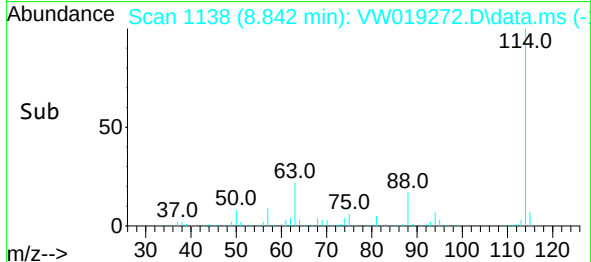
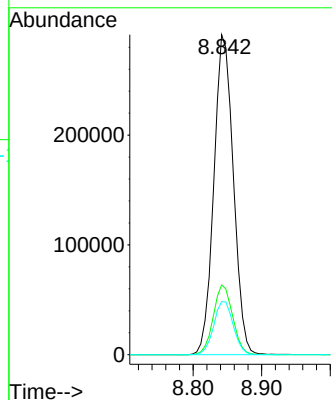
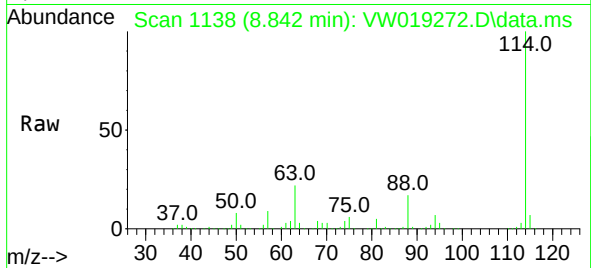




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

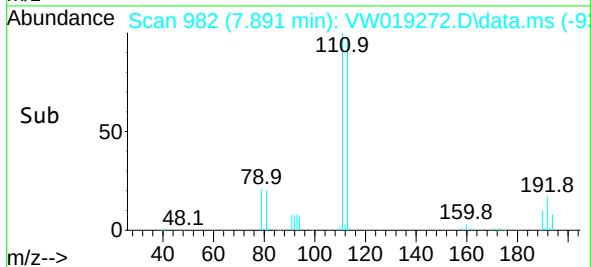
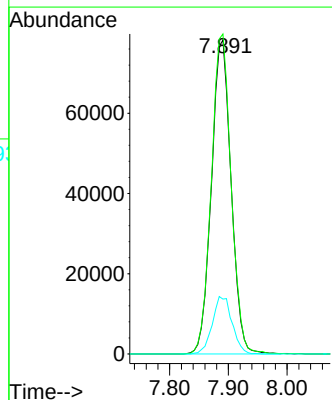
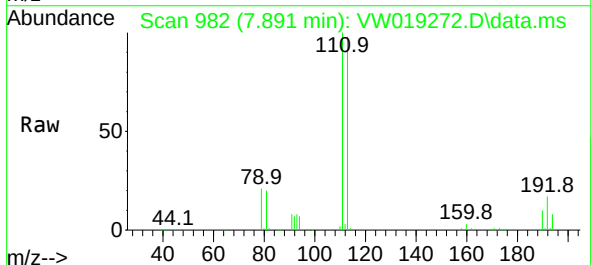
Instrument :
MSVOA_W
ClientSampleId :

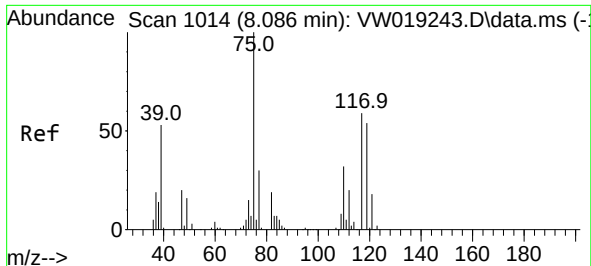
Tgt Ion:114 Resp: 574559
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.759 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion:113 Resp: 182099
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 18.3 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 7.952 min Scan# 992

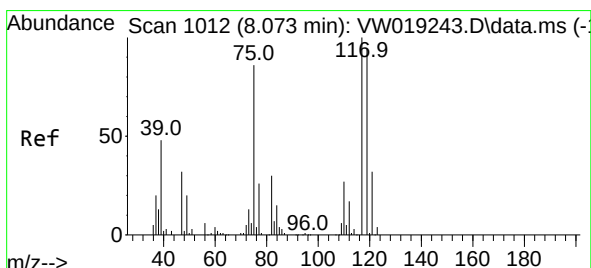
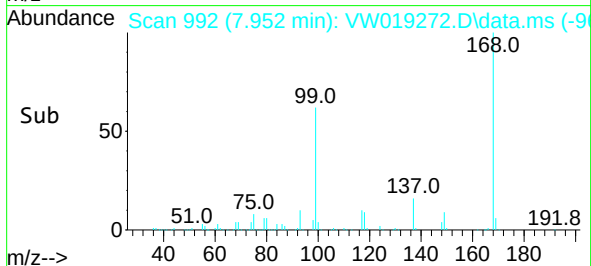
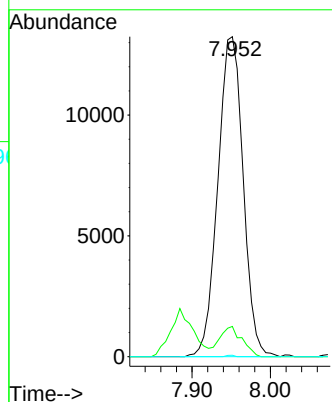
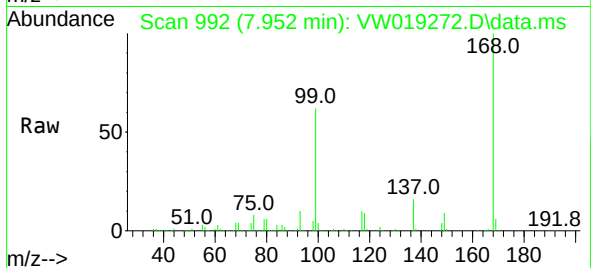
Delta R.T. -0.134 min

Lab File: VW019272.D

Acq: 22 Jun 2021 16:34

Tgt Ion: 75	Resp: 29731
Ion Ratio	Lower Upper
75 100	
110 8.5	17.1 51.2#
77 0.1	25.3 37.9#

Instrument :
MSVOA_W
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.568 ug/l

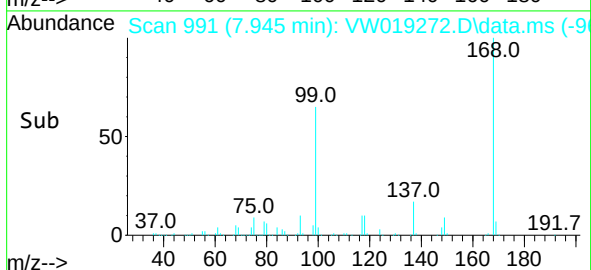
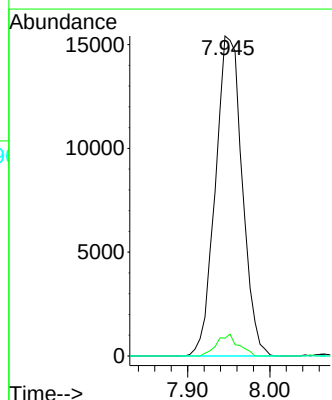
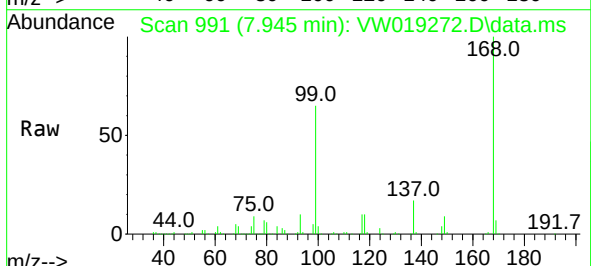
RT: 7.945 min Scan# 991

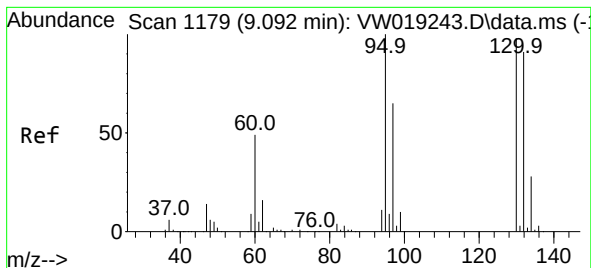
Delta R.T. -0.128 min

Lab File: VW019272.D

Acq: 22 Jun 2021 16:34

Tgt Ion: 117	Resp: 34915
Ion Ratio	Lower Upper
117 100	
119 5.6	77.4 116.0#
121 0.0	23.6 35.4#





#44

Trichloroethene

Concen: 1.719 ug/l

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW019272.D

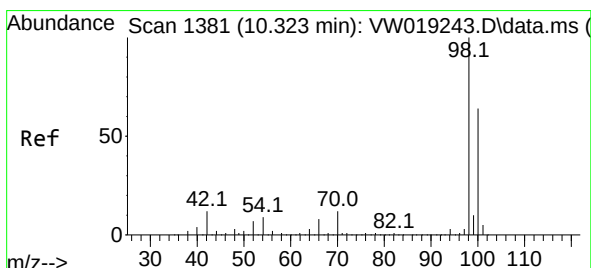
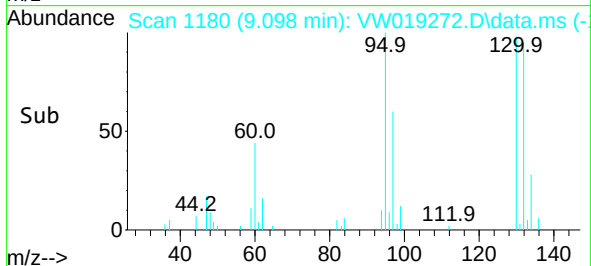
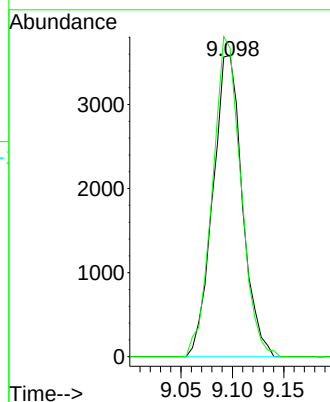
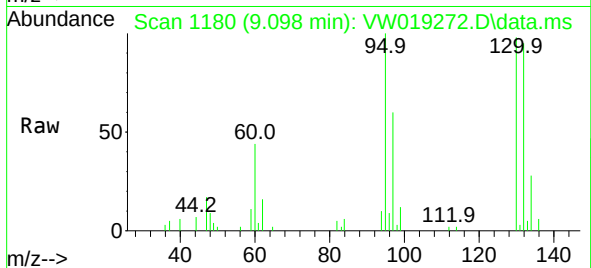
Acq: 22 Jun 2021 16:34

Tgt Ion:130 Resp: 7127

Ion Ratio Lower Upper

130 100

95 102.4 0.0 199.0



#50

Toluene-d8

Concen: 45.741 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW019272.D

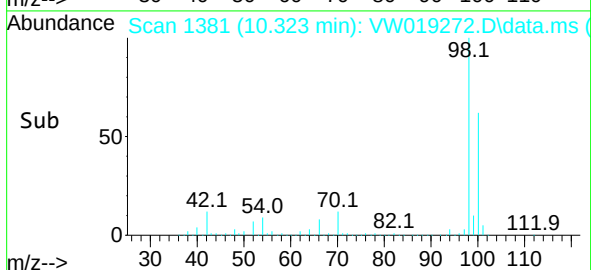
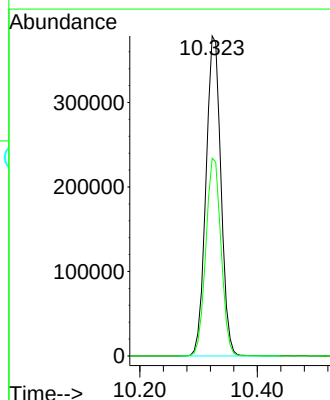
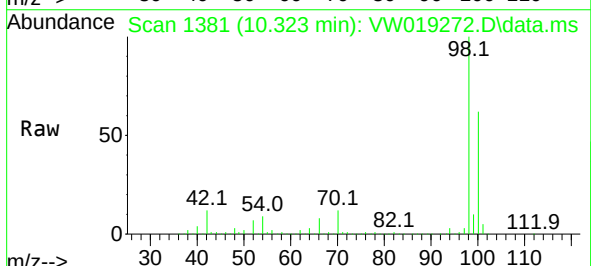
Acq: 22 Jun 2021 16:34

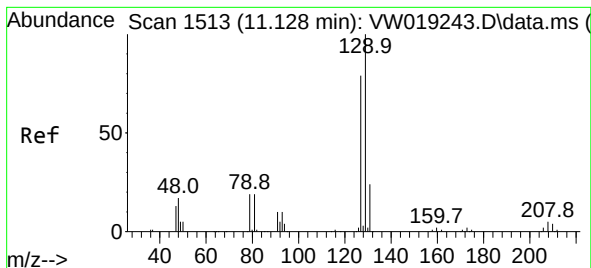
Tgt Ion: 98 Resp: 670097

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

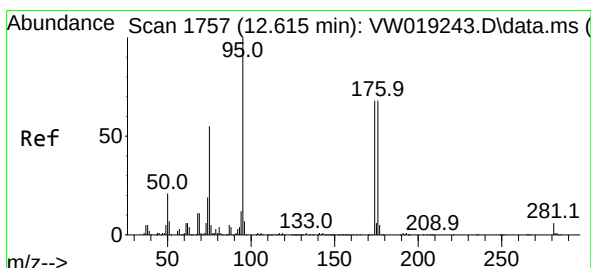
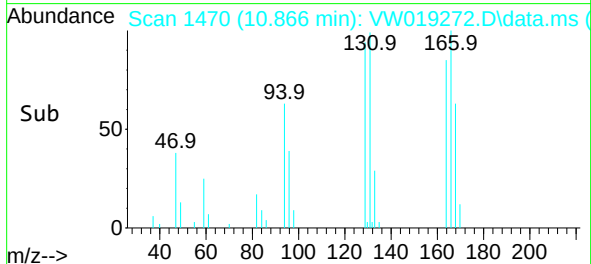
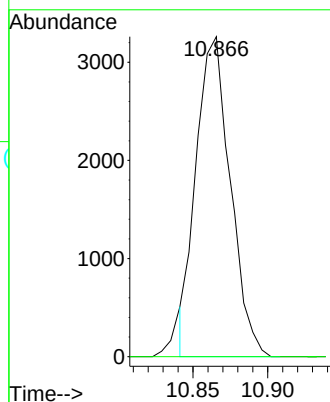
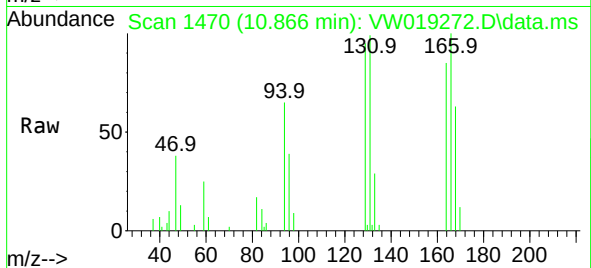




#60
Dibromochloromethane
Concen: 1.618 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

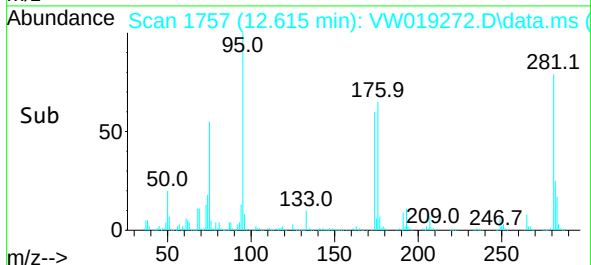
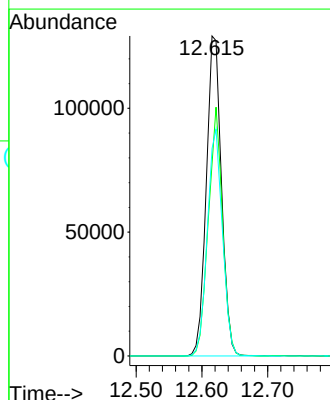
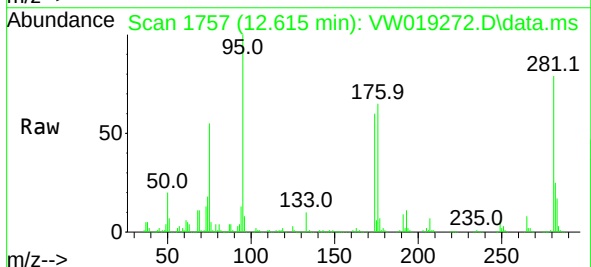
Instrument :
MSVOA_W
ClientSampleId :

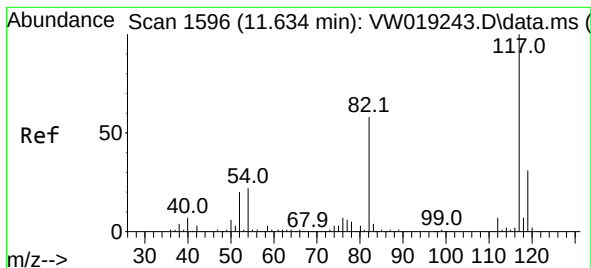
Tgt Ion:129 Resp: 5181
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#



#62
4-Bromofluorobenzene
Concen: 40.469 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion: 95 Resp: 207353
Ion Ratio Lower Upper
95 100
174 72.7 0.0 156.2
176 70.7 0.0 160.8

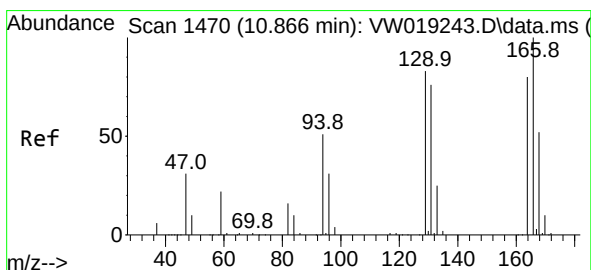
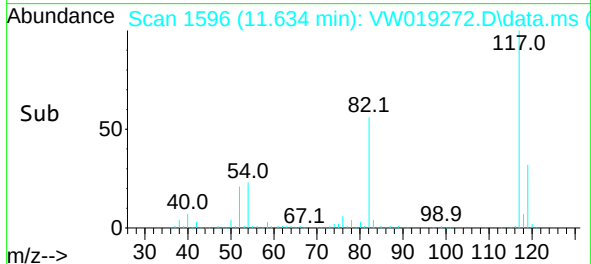
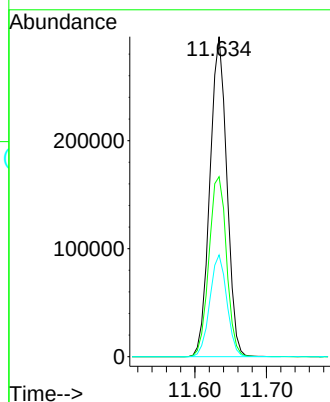
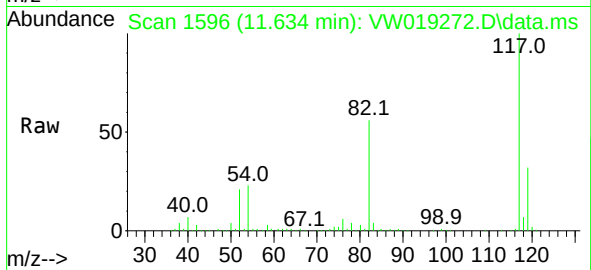




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

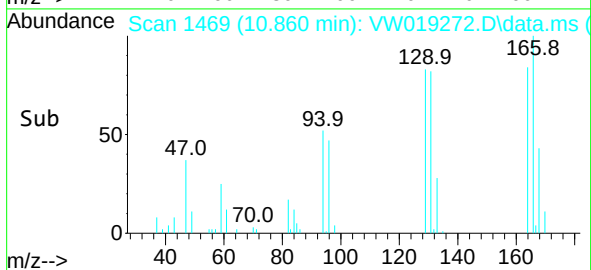
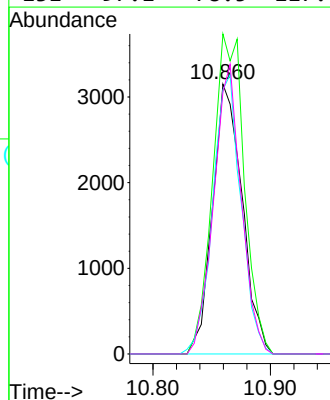
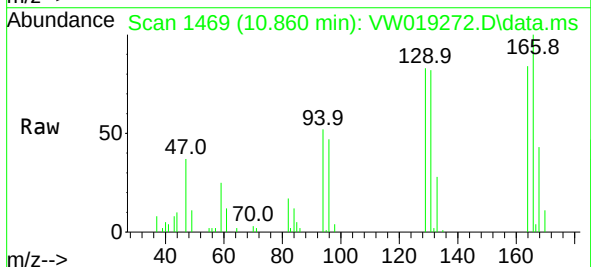
Instrument :
MSVOA_W
ClientSampled :

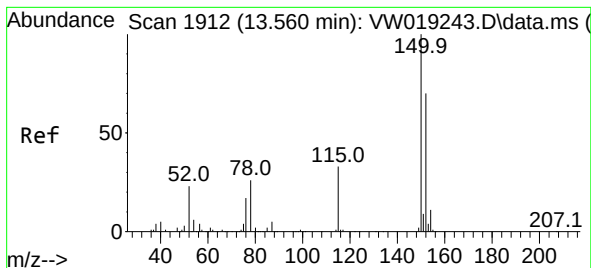
Tgt Ion:117 Resp: 487683
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 31.8 24.6 36.8



#64
Tetrachloroethene
Concen: 1.778 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

Tgt Ion:164 Resp: 5511
Ion Ratio Lower Upper
164 100
166 118.6 107.8 161.8
129 98.0 77.3 115.9
131 97.1 78.5 117.7

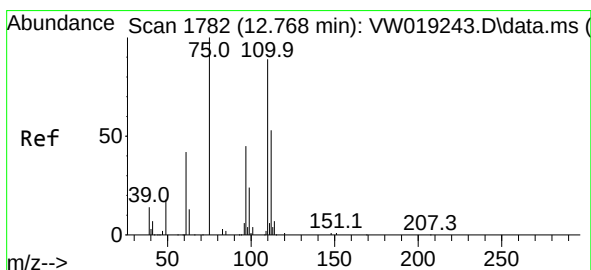
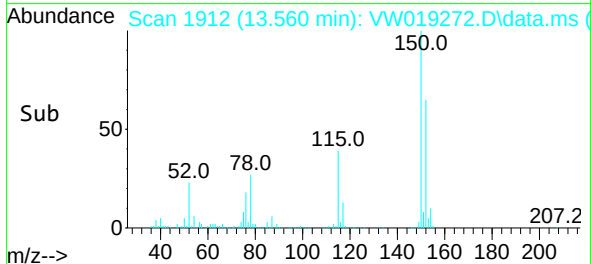
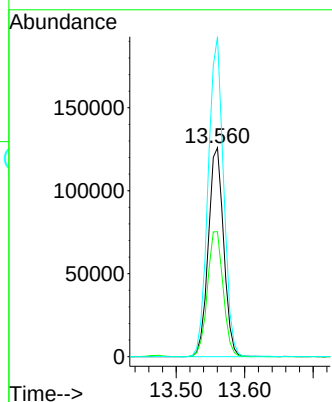
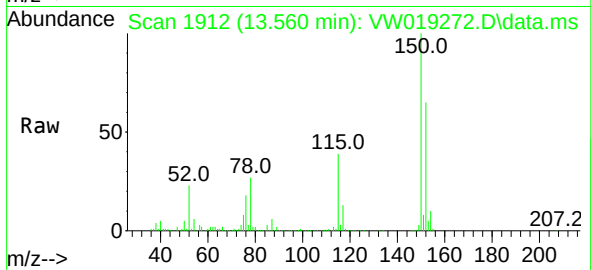




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

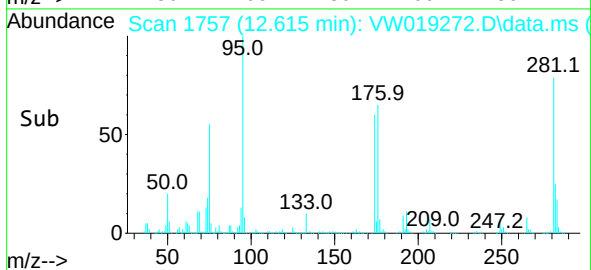
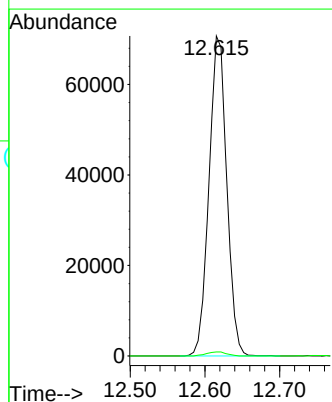
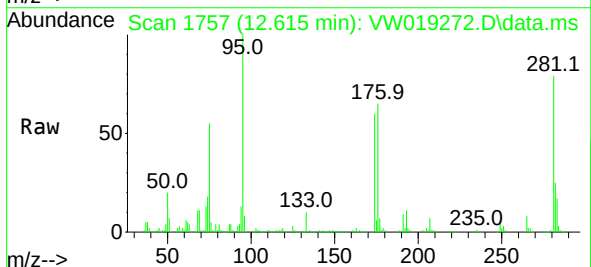
Instrument :
MSVOA_W
ClientSampleId :

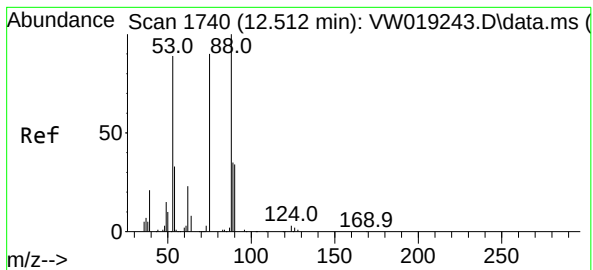
Tgt Ion:152 Resp: 196284
Ion Ratio Lower Upper
152 100
115 61.2 30.3 90.8
150 153.8 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 60.701 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019272.D
Acq: 22 Jun 2021 16:34

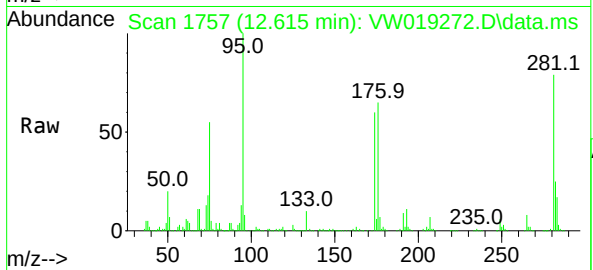
Tgt Ion: 75 Resp: 116723
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.256 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019272.D
 Acq: 22 Jun 2021 16:34

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	116723
Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.5	122.3#
89	1.6	36.3	54.5#

