

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019267.D
 Acq On : 22 Jun 2021 14:34
 Operator : SY/VA
 Sample : M2748-05RE
 Misc : 6.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:41:43 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)

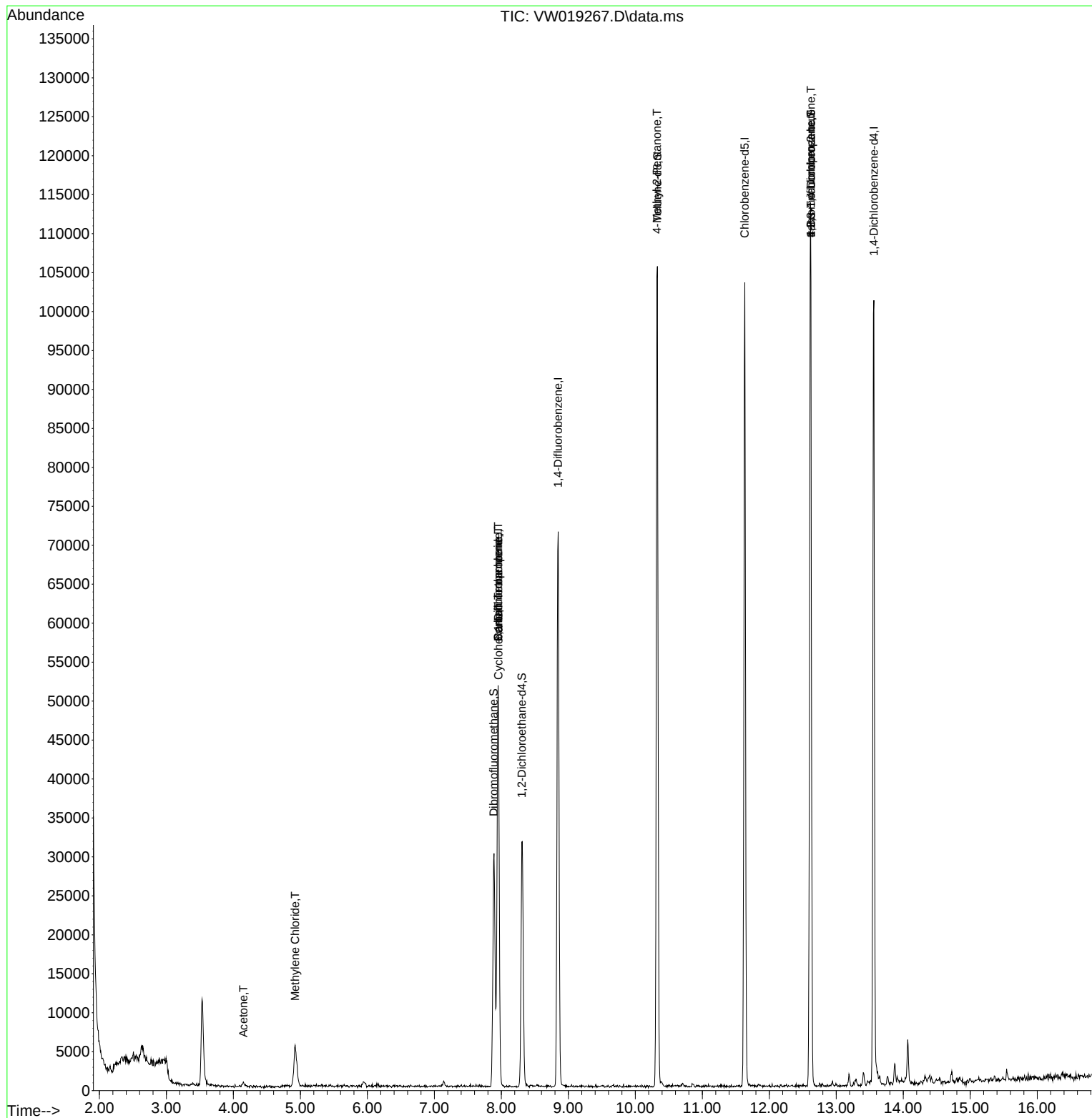
Internal Standards						
1) Pentafluorobenzene	7.952	168	36077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	59963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	55388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	25132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	26429	60.390	ug/l	0.00
Spiked Amount	50.000		Recovery	= 120.780%		
35) Dibromofluoromethane	7.885	113	21153	55.385	ug/l	0.00
Spiked Amount	50.000		Recovery	= 110.760%		
50) Toluene-d8	10.329	98	71950	47.059	ug/l	0.00
Spiked Amount	50.000		Recovery	= 94.120%		
62) 4-Bromofluorobenzene	12.621	95	26037	48.692	ug/l	0.00
Spiked Amount	50.000		Recovery	= 97.380%		
Target Compounds						
						Qvalue
16) Acetone	4.147	43	966	13.753	ug/l	100
20) Methylene Chloride	4.922	84	3981	2.287	ug/l	88
31) Cyclohexane	7.958	56	1042	1.400	ug/l #	38
36) 1,1-Dichloropropene	7.952	75	3336	5.257	ug/l #	48
38) Carbon Tetrachloride	7.952	117	3865	6.967	ug/l #	16
51) 4-Methyl-2-Pentanone	10.323	43	380	1.657	ug/l #	1
76) 1,2,3-Trichloropropane	12.621	75	15562	63.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	15562	153.335	ug/l #	10

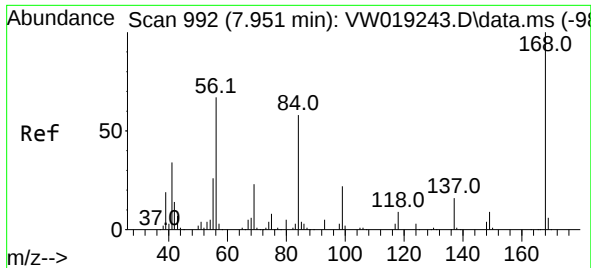
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :

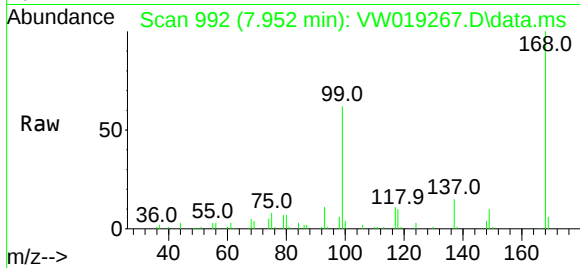
Quant Time: Jun 23 05:41:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
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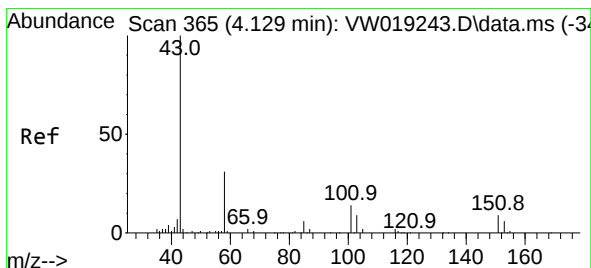
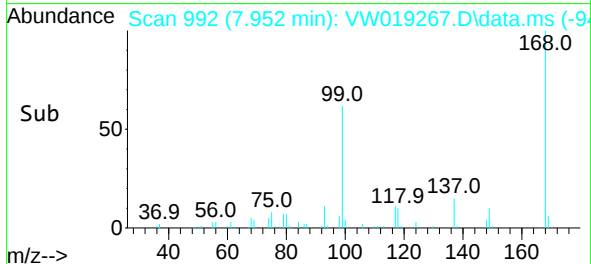
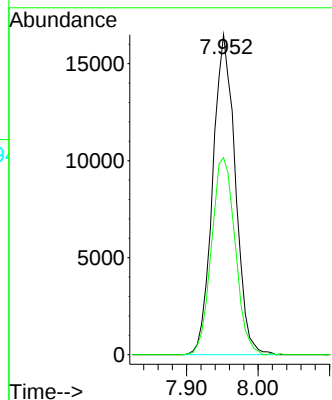


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Instrument :
MSVOA_W
ClientSampleId :

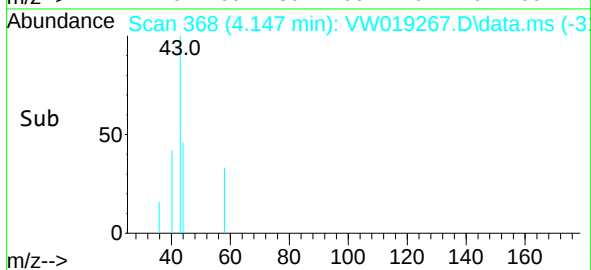
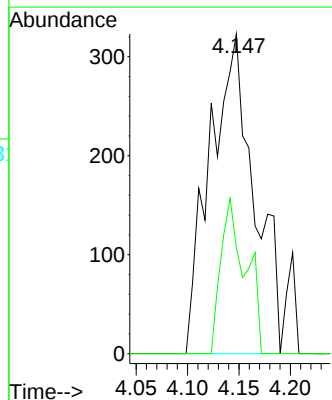
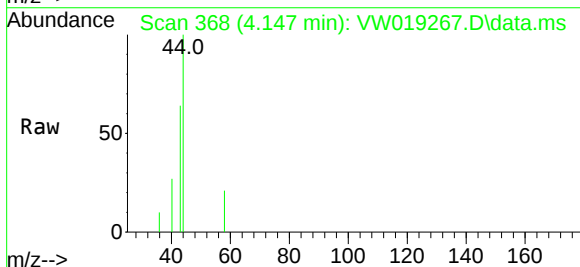


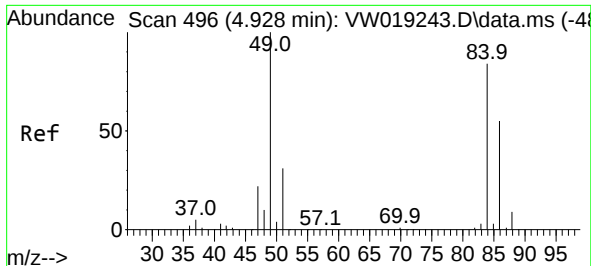
Tgt Ion:168 Resp: 36077
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#16
Acetone
Concen: 13.753 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

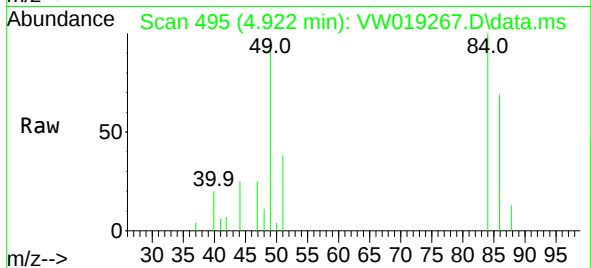
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6



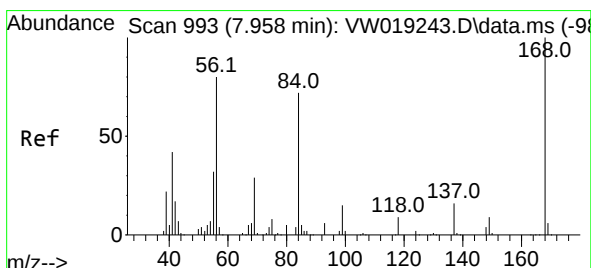
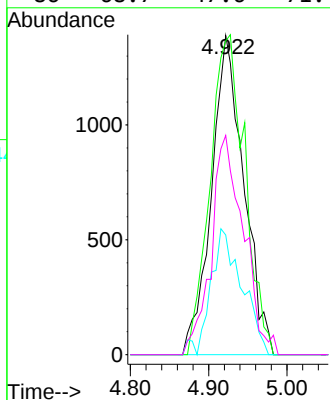
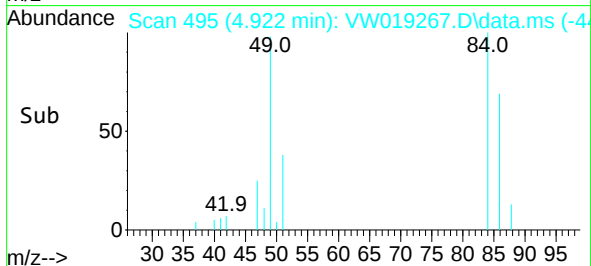


#20
Methylene Chloride
Concen: 2.287 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

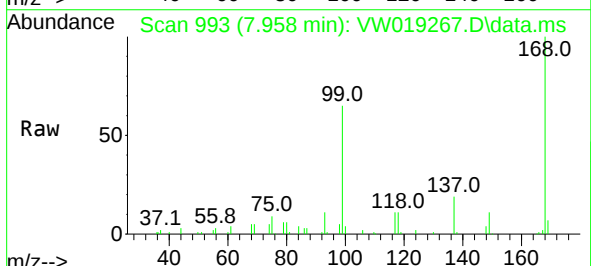
Instrument :
MSVOA_W
ClientSampled :



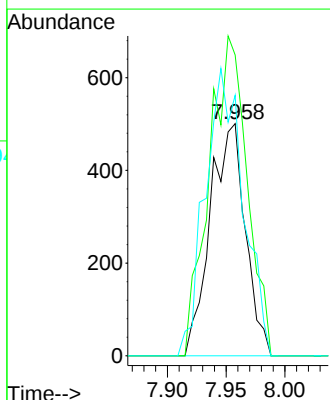
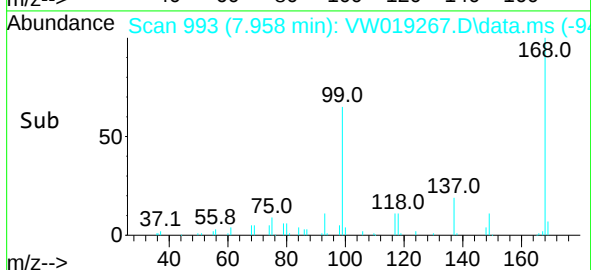
Tgt Ion:	84	Resp:	3981
Ion	Ratio	Lower	Upper
84	100		
49	98.3	90.4	135.6
51	37.5	27.1	40.7
86	68.7	47.6	71.4

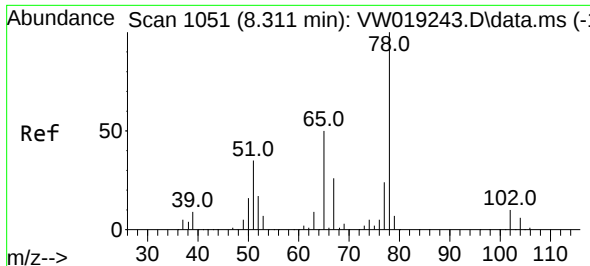


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34



Tgt Ion:	56	Resp:	1042
Ion	Ratio	Lower	Upper
56	100		
69	129.5	28.4	42.6#
84	112.2	72.3	108.5#

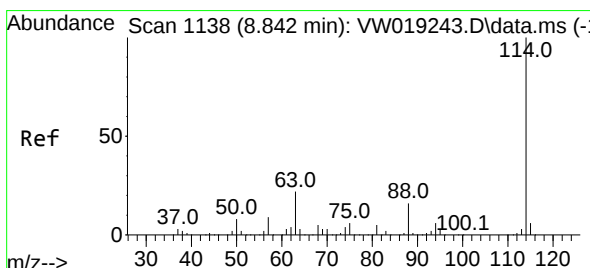
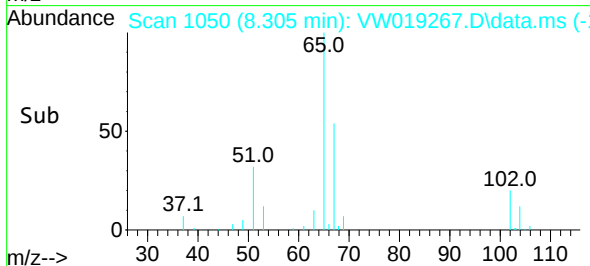
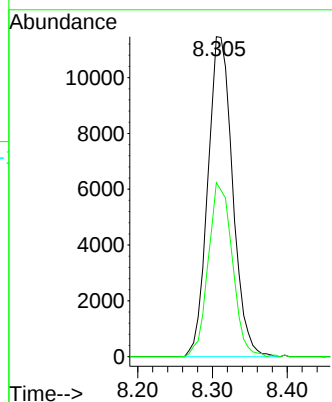
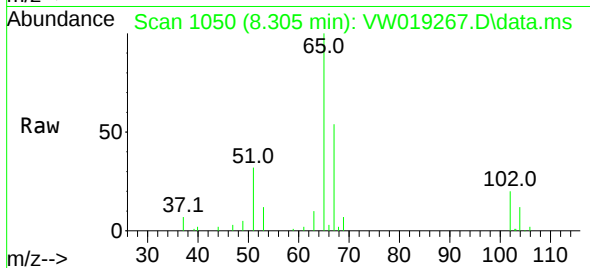




#33
 1,2-Dichloroethane-d4
 Concen: 60.390 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VW019267.D
 Acq: 22 Jun 2021 14:34

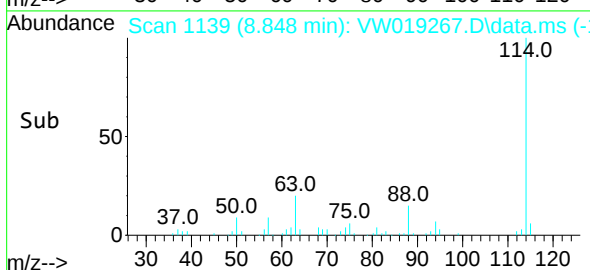
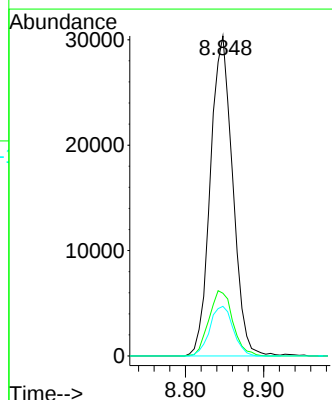
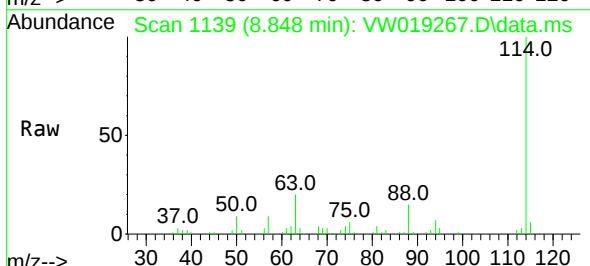
Instrument :
 MSVOA_W
 ClientSampled :

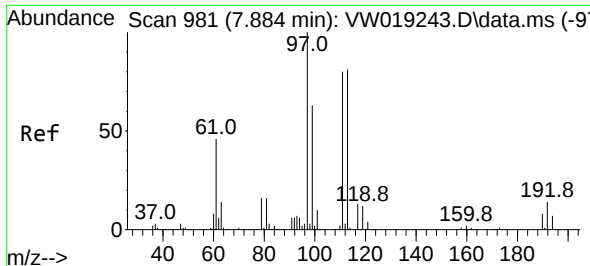
Tgt Ion: 65 Resp: 26429
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW019267.D
 Acq: 22 Jun 2021 14:34

Tgt Ion: 114 Resp: 59963
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.5 0.0 33.2

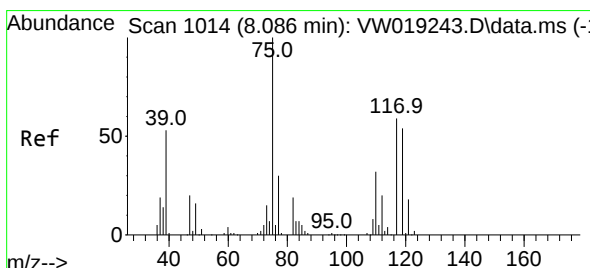
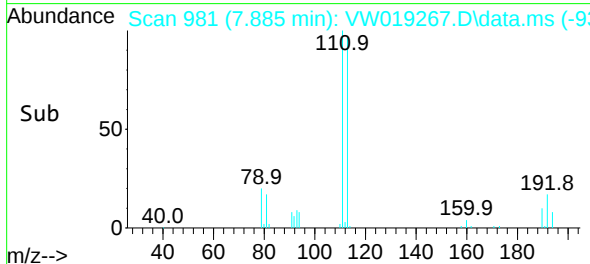
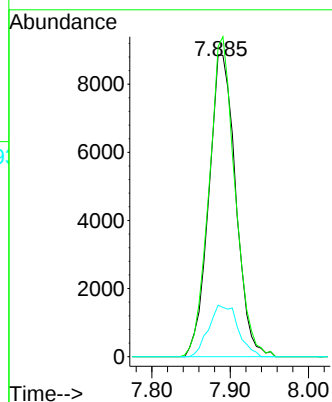
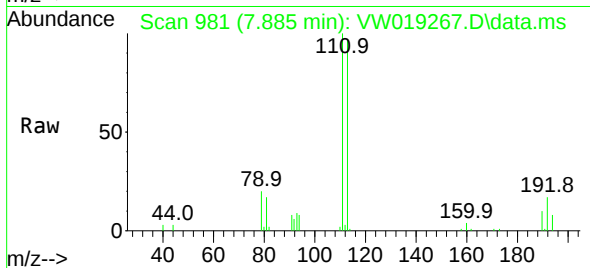




#35
Dibromofluoromethane
Concen: 55.385 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

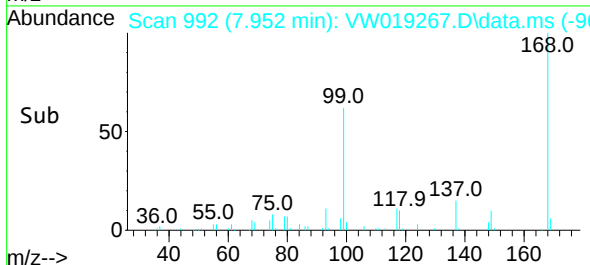
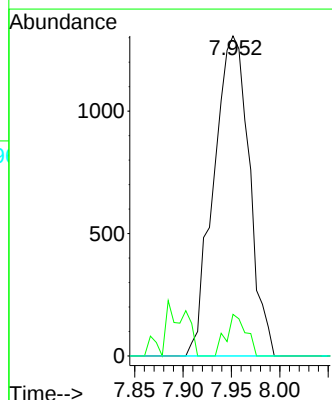
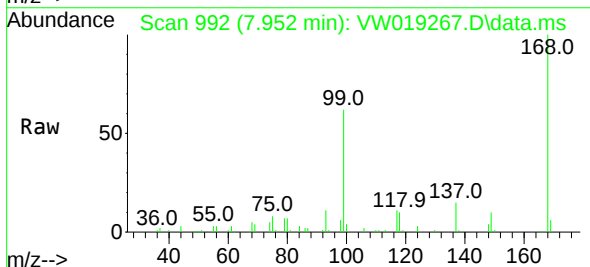
Instrument :
MSVOA_W
ClientSampleId :

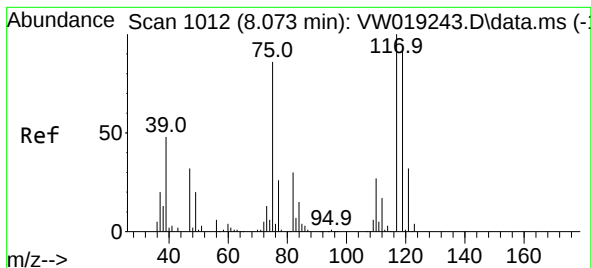
Tgt Ion:113 Resp: 21153
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Tgt Ion: 75 Resp: 3336
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.967 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

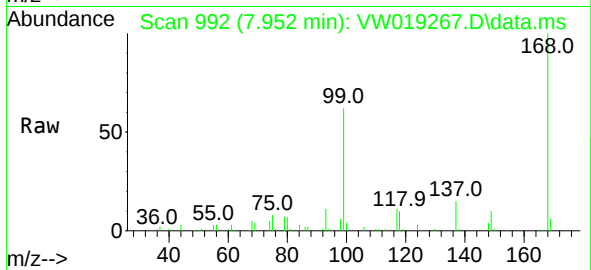
Lab File: VW019267.D

Acq: 22 Jun 2021 14:34

Instrument :

MSVOA_W

ClientSampleId :



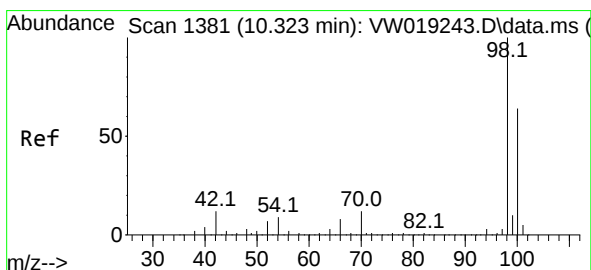
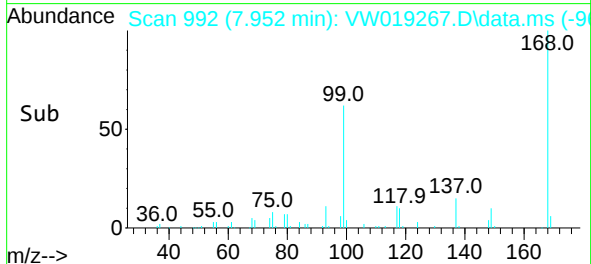
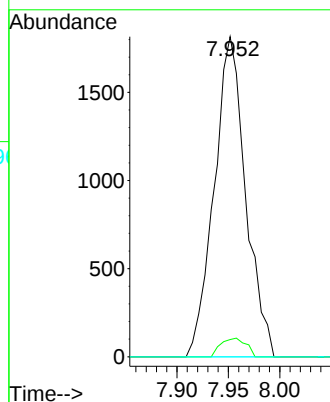
Tgt Ion:117 Resp: 3865

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.0#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 47.059 ug/l

RT: 10.329 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VW019267.D

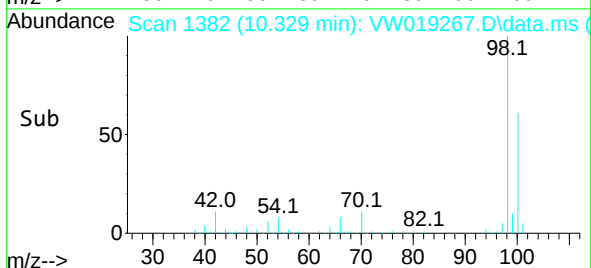
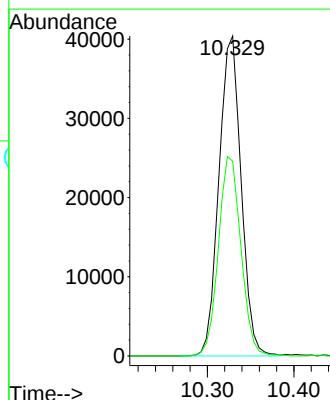
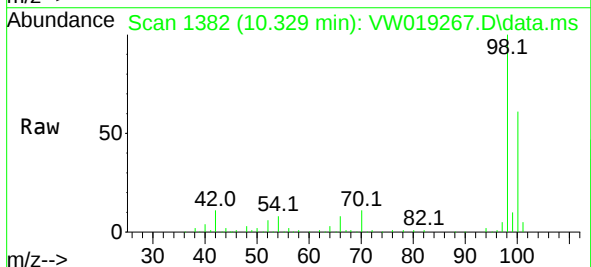
Acq: 22 Jun 2021 14:34

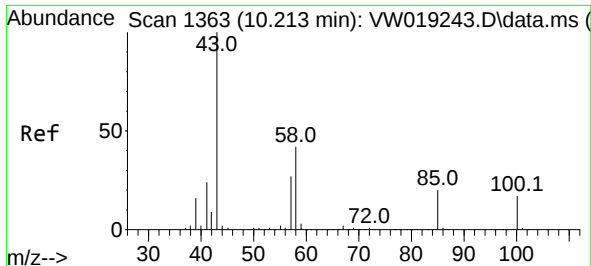
Tgt Ion: 98 Resp: 71950

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

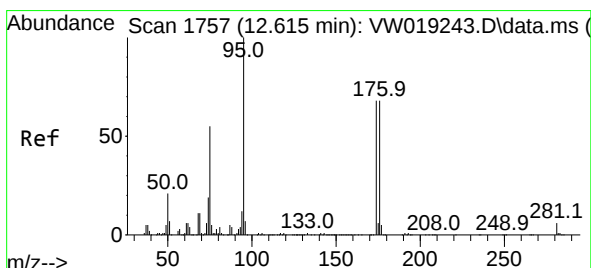
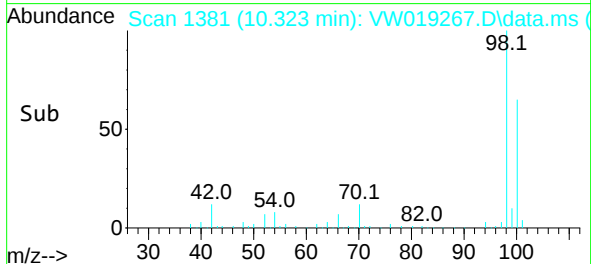
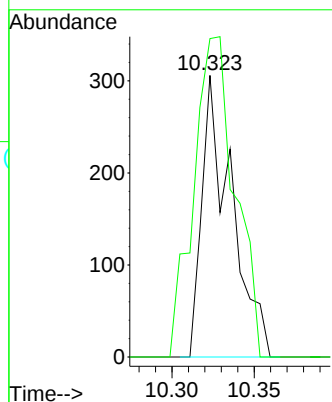
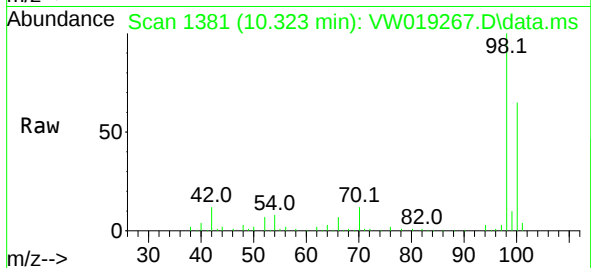




#51
4-Methyl-2-Pentanone
Concen: 1.657 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

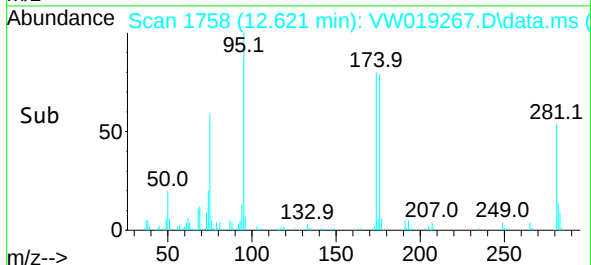
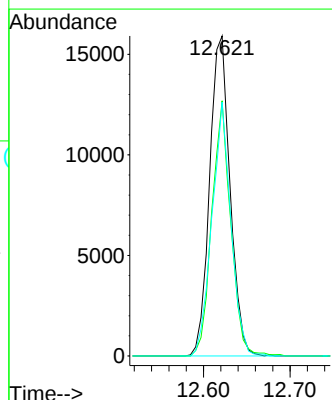
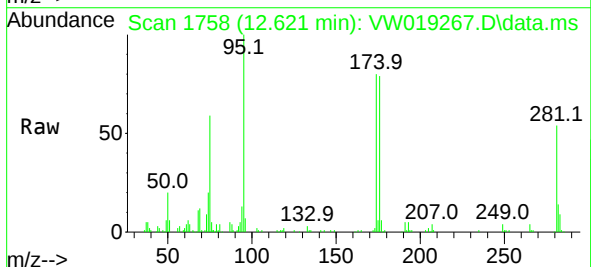
Instrument :
MSVOA_W
ClientSampled :

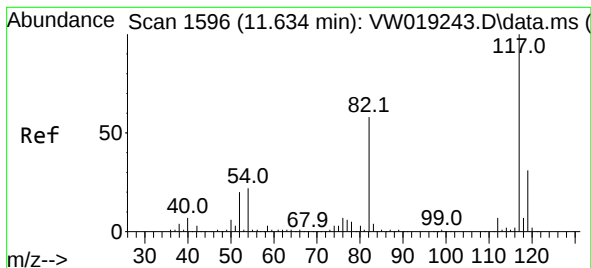
Tgt Ion: 43 Resp: 380
Ion Ratio Lower Upper
43 100
58 160.3 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 48.692 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Tgt Ion: 95 Resp: 26037
Ion Ratio Lower Upper
95 100
174 73.8 0.0 156.2
176 74.1 0.0 160.8

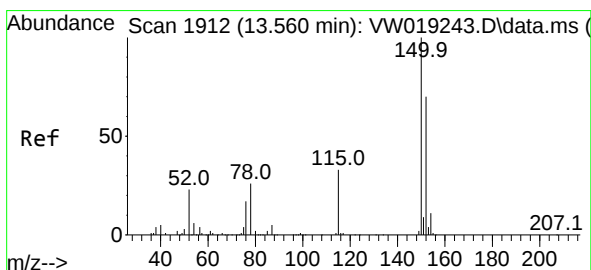
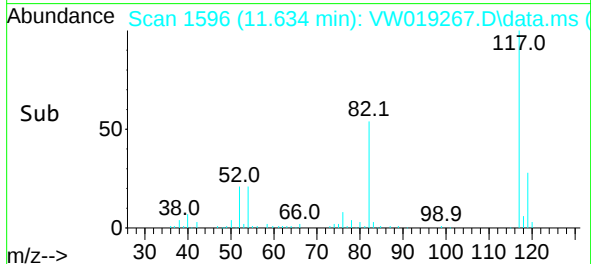
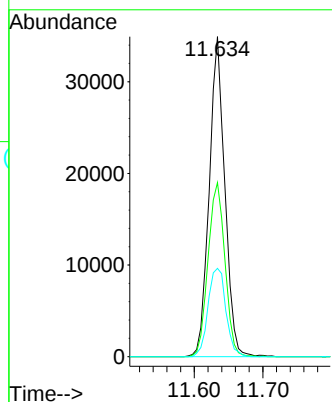
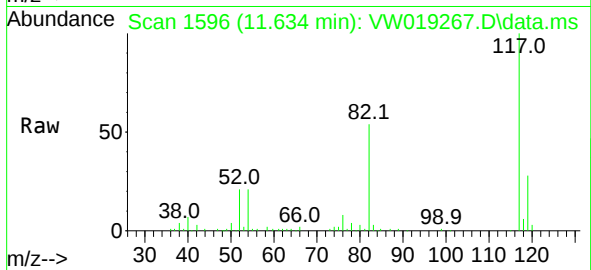




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

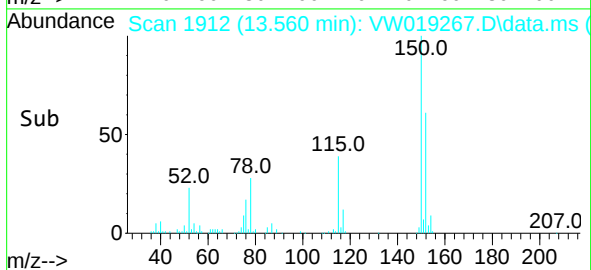
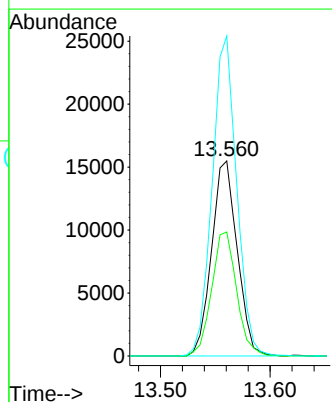
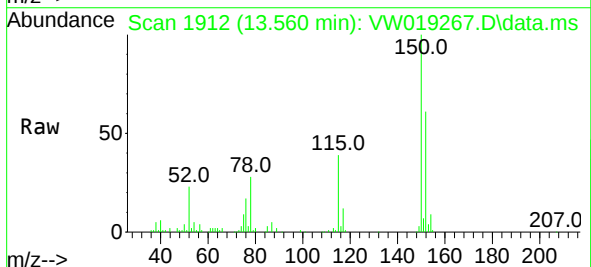
Instrument :
MSVOA_W
ClientSampleId :

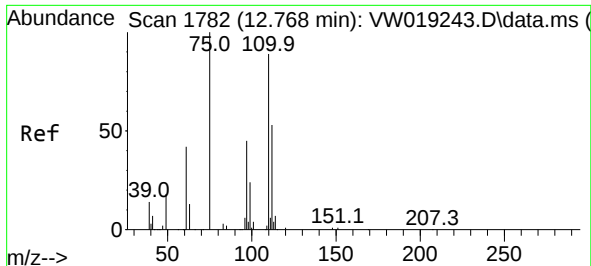
Tgt Ion:117 Resp: 55388
Ion Ratio Lower Upper
117 100
82 54.4 44.4 66.6
119 27.6 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Tgt Ion:152 Resp: 25132
Ion Ratio Lower Upper
152 100
115 62.0 30.3 90.8
150 156.7 0.0 356.0

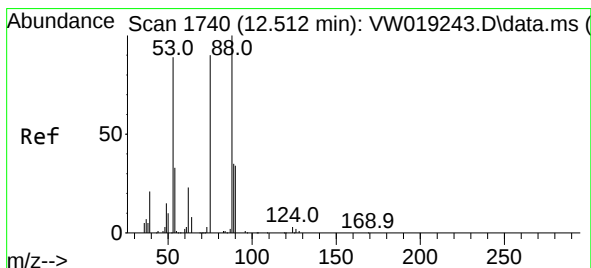
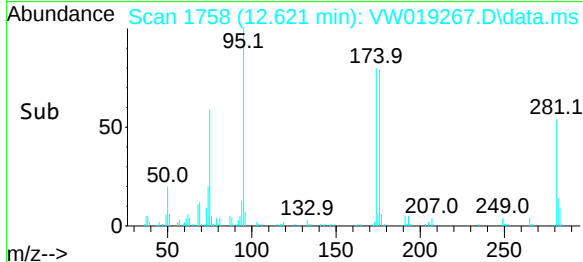
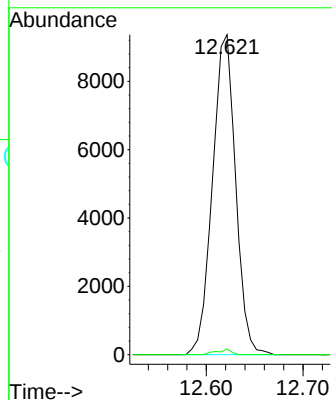
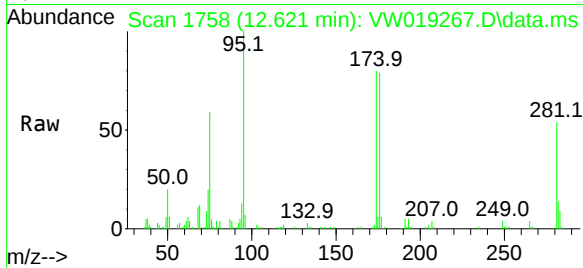




#76
1,2,3-Trichloropropane
Concen: 63.207 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 15562
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.335 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW019267.D
Acq: 22 Jun 2021 14:34

Tgt Ion: 75 Resp: 15562
Ion Ratio Lower Upper
75 100
53 0.1 81.5 122.3#
89 1.7 36.3 54.5#

