

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017667.D
 Acq On : 18 Dec 2020 11:24
 Operator : SY/VA
 Sample : VW1218SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:09:17 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)

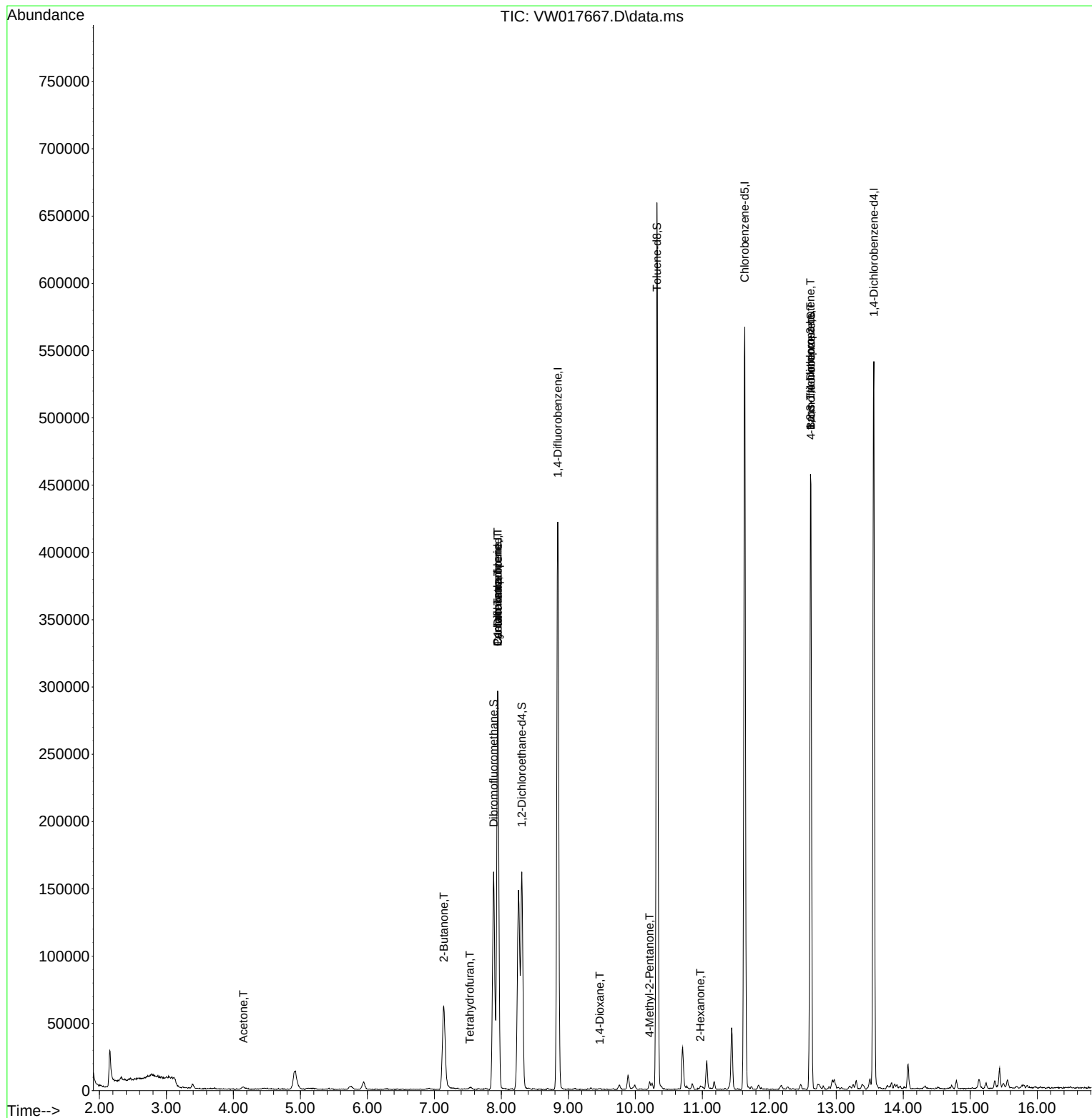
Internal Standards						
1) Pentafluorobenzene	7.946	168	210147	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	348924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	296701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	127722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	124486	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.885	113	108734	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	10.323	98	424378	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.621	95	136519	42.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.06%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.190	59	158	Below Cal	#	1
16) Acetone	4.147	43	4149	7.45	ug/l	94
20) Methylene Chloride	4.922	84	10630	Below Cal		91
25) 2-Butanone	7.141	43	4570	6.16	ug/l	# 60
26) 2,2-Dichloropropane	7.135	77	4355	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	1051	2.52	ug/l	# 73
31) Cyclohexane	7.946	56	5797	1.31	ug/l	# 41
36) 1,1-Dichloropropene	7.946	75	18419	5.04	ug/l	# 48
38) Carbon Tetrachloride	7.946	117	22433	6.11	ug/l	# 13
49) 1,4-Dioxane	9.470	88	57	3.45	ug/l	# 97
51) 4-Methyl-2-Pentanone	10.213	43	4849	3.40	ug/l	# 85
59) 2-Hexanone	10.969	43	2390	2.51	ug/l	78
76) 1,2,3-Trichloropropane	12.615	75	77454	63.00	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	77454	127.64	ug/l	# 11

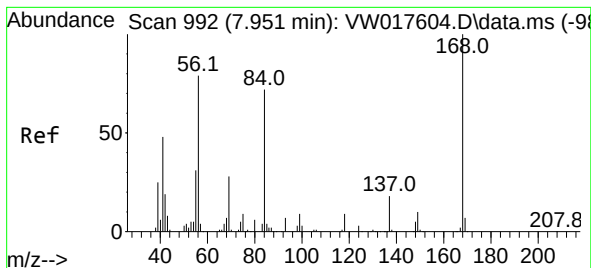
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
Data File : VW017667.D
Acq On : 18 Dec 2020 11:24
Operator : SY/VA
Sample : VW1218SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 19 00:09:17 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

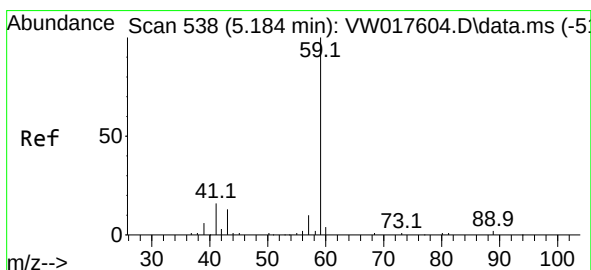
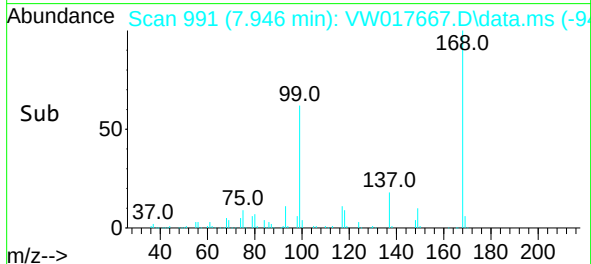
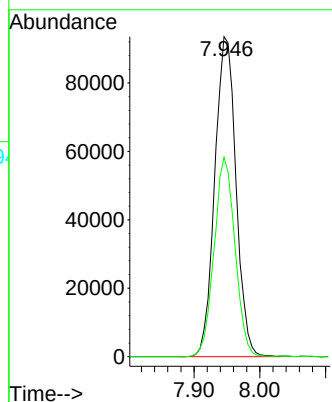
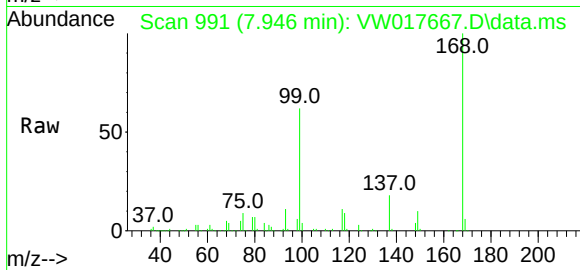




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

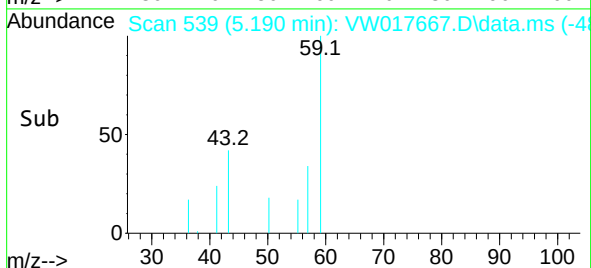
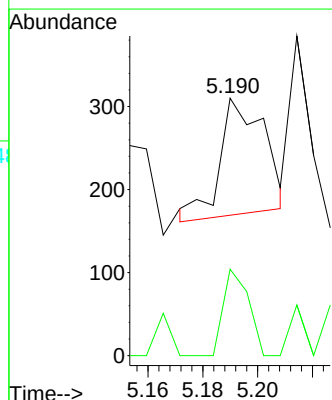
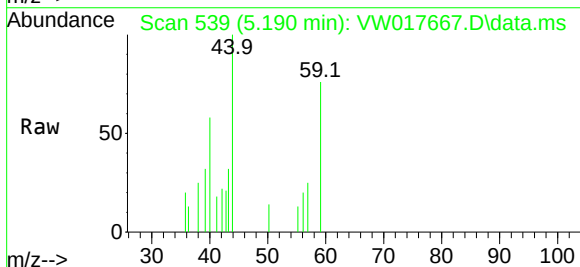
Instrument :
MSVOA_W
ClientSampleId :

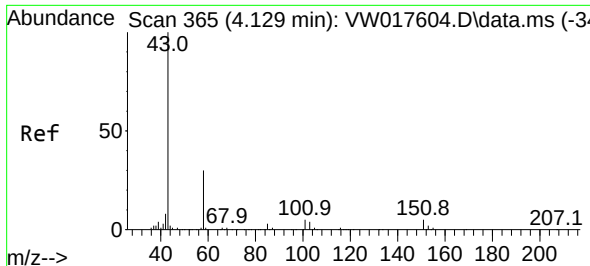
Tgt Ion:168 Resp: 210147
Ion Ratio Lower Upper
168 100
99 62.3 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

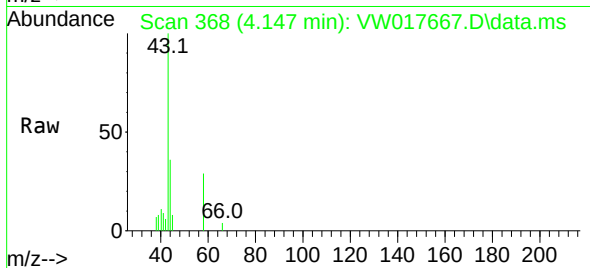
Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 41.8 4.7 7.1#



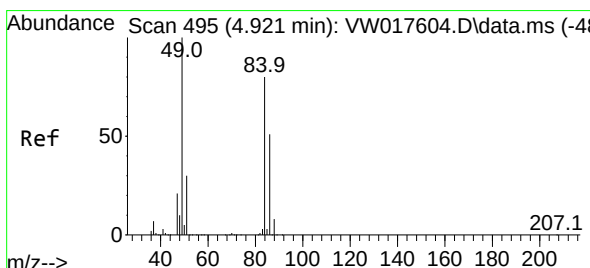
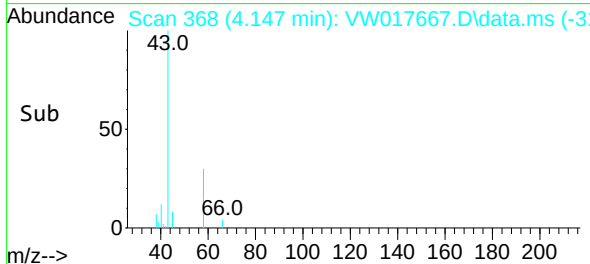
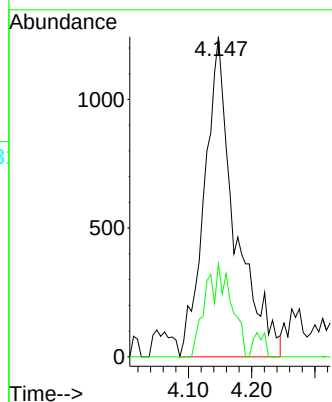


#16
Acetone
Concen: 7.45 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Instrument :
MSVOA_W
ClientSampled :

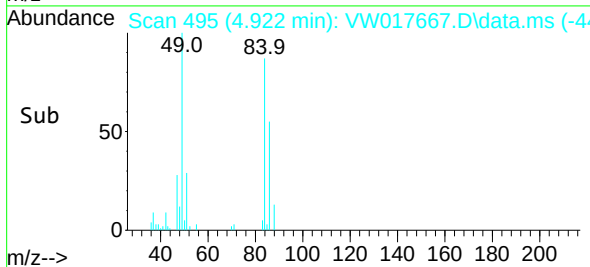
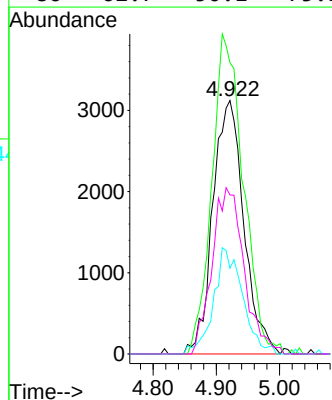
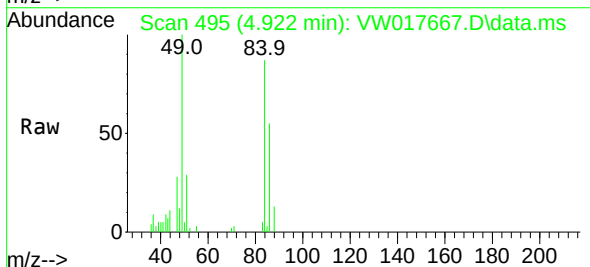


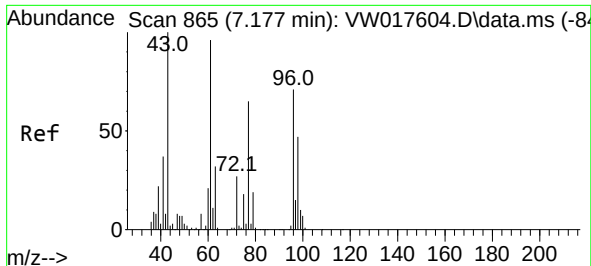
Tgt Ion: 43 Resp: 4149
Ion Ratio Lower Upper
43 100
58 28.9 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 84 Resp: 10630
Ion Ratio Lower Upper
84 100
49 114.9 79.0 118.6
51 33.9 26.1 39.1
86 62.7 50.1 75.1

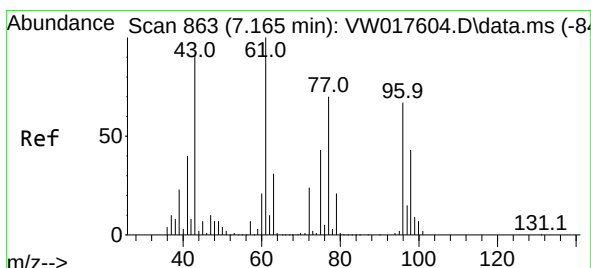
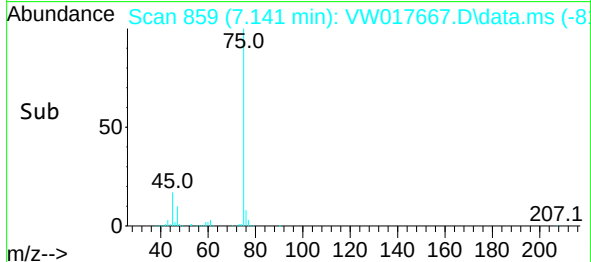
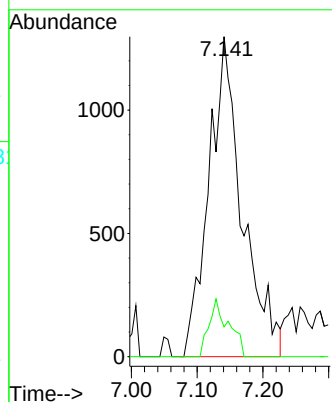
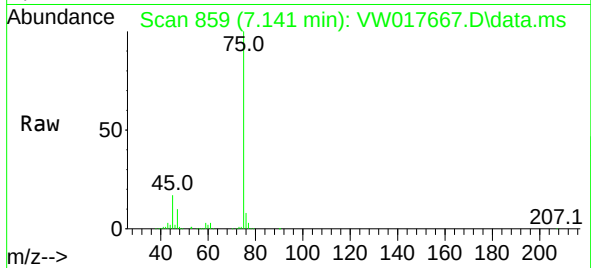




#25
2-Butanone
Concen: 6.16 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

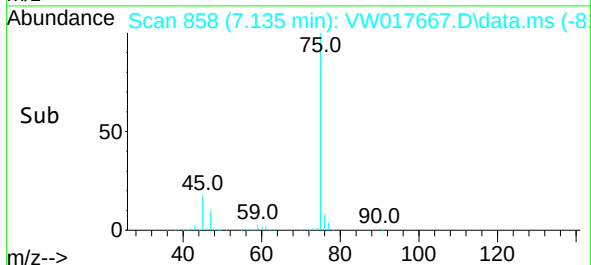
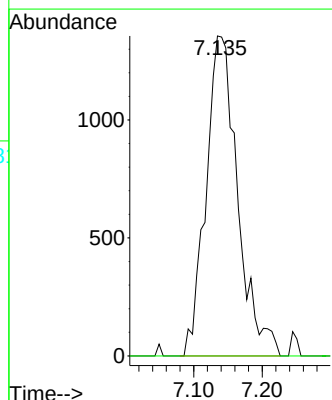
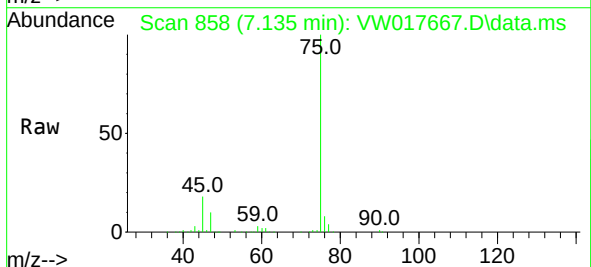
Instrument :
MSVOA_W
ClientSampled :

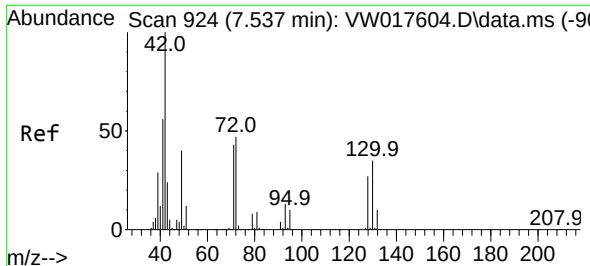
Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
72 9.3 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 77 Resp: 4355
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 2.52 ug/l

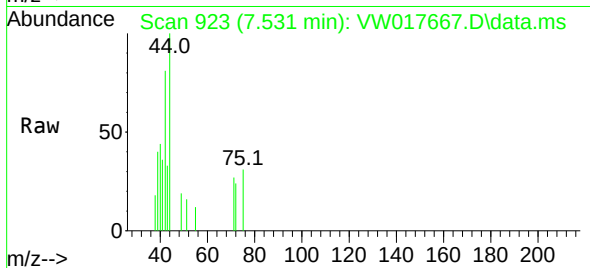
RT: 7.531 min Scan# 923

Delta R.T. -0.006 min

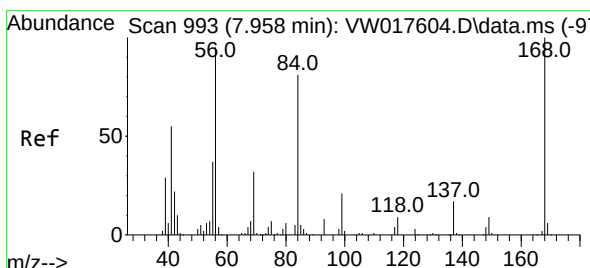
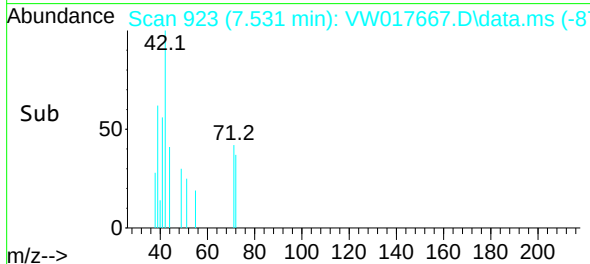
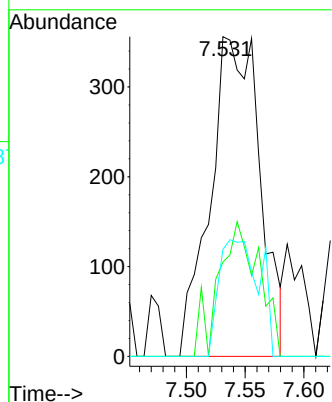
Lab File: VW017667.D

Acq: 18 Dec 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	42	Resp:	1051
Ion	Ratio	Lower	Upper
42	100		
72	34.3	42.0	63.0#
71	29.6	39.0	58.6#



#31

Cyclohexane

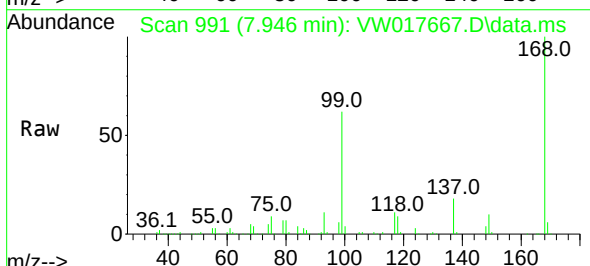
Concen: 1.31 ug/l

RT: 7.946 min Scan# 991

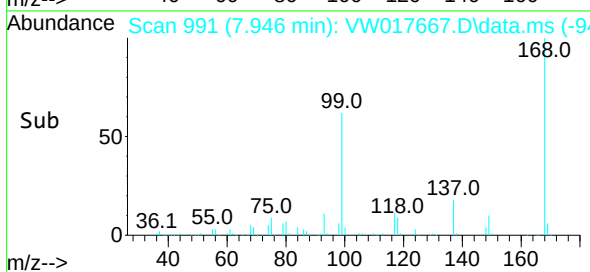
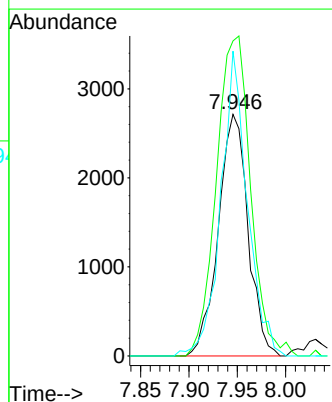
Delta R.T. -0.012 min

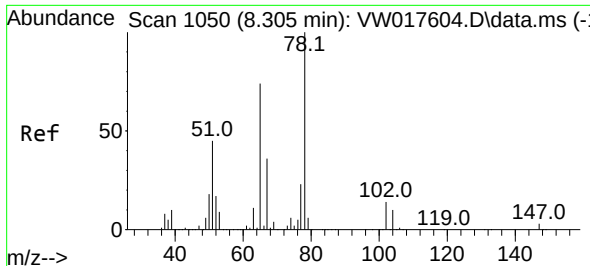
Lab File: VW017667.D

Acq: 18 Dec 2020 11:24



Tgt Ion:	56	Resp:	5797
Ion	Ratio	Lower	Upper
56	100		
69	130.4	29.3	43.9#
84	124.2	80.5	120.7#

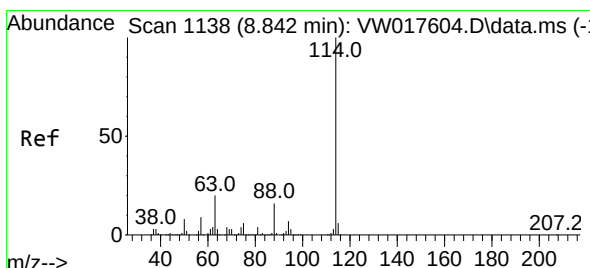
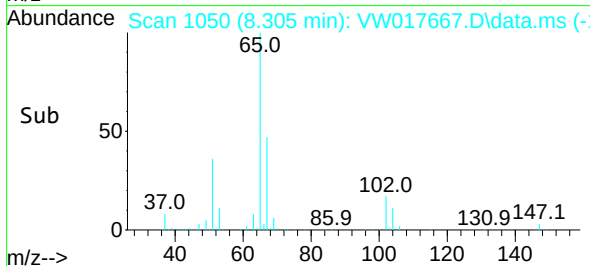
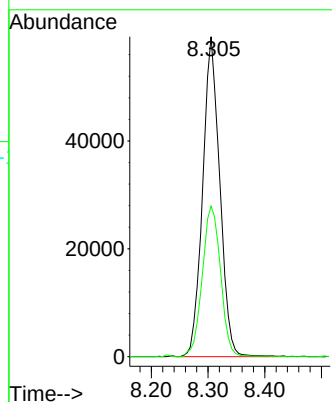
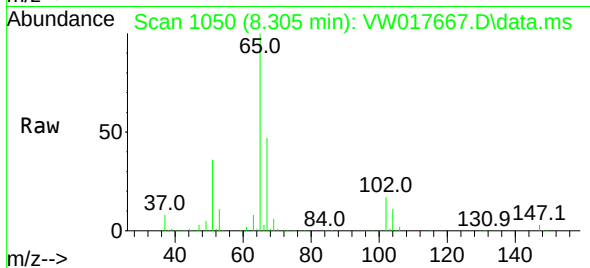




#33
 1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017667.D
 Acq: 18 Dec 2020 11:24

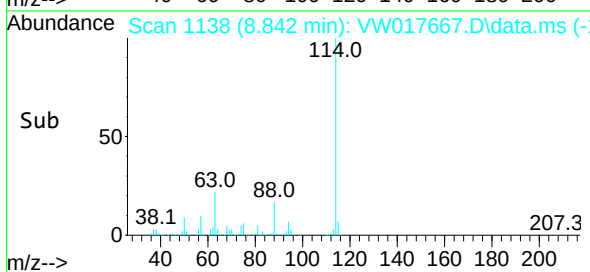
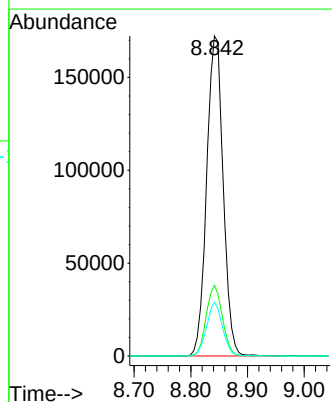
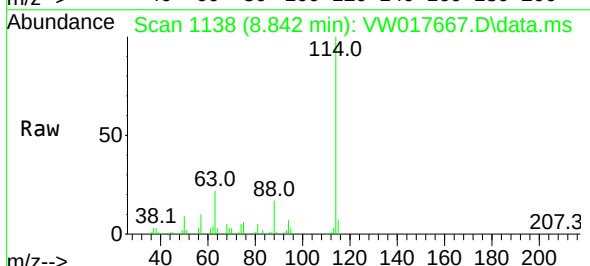
Instrument :
 MSVOA_W
 ClientSampleId :

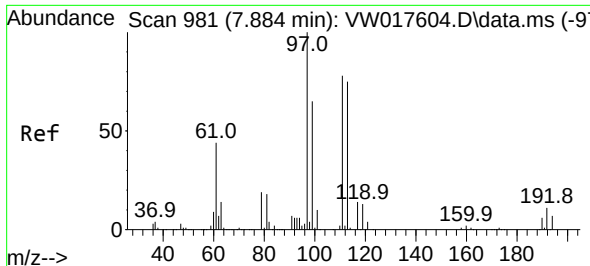
Tgt Ion: 65 Resp: 124486
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017667.D
 Acq: 18 Dec 2020 11:24

Tgt Ion: 114 Resp: 348924
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.6
 88 16.9 0.0 30.4

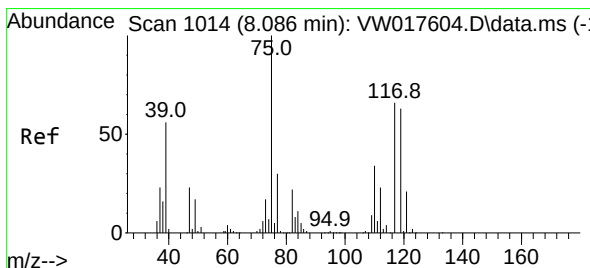
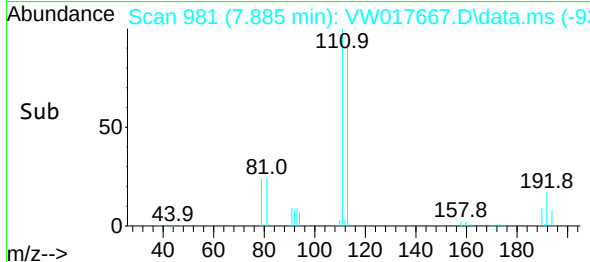
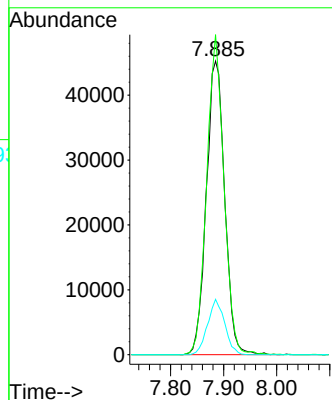
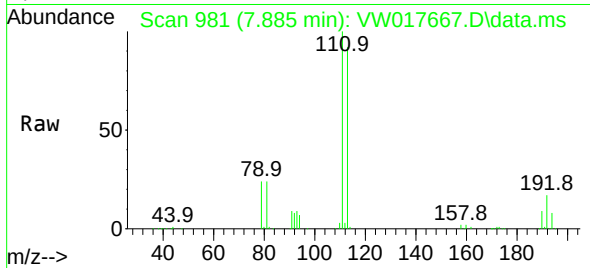




#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

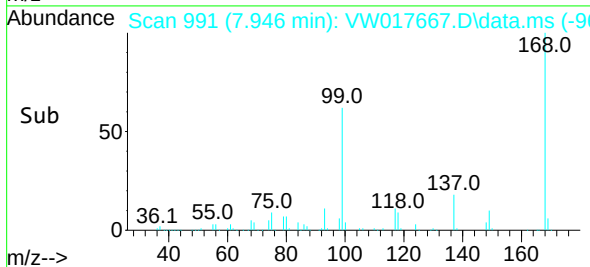
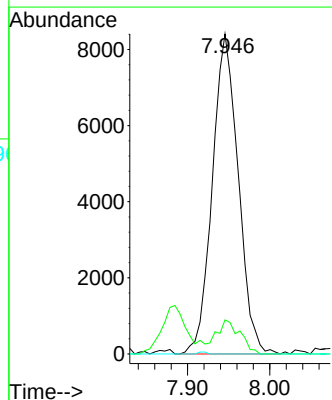
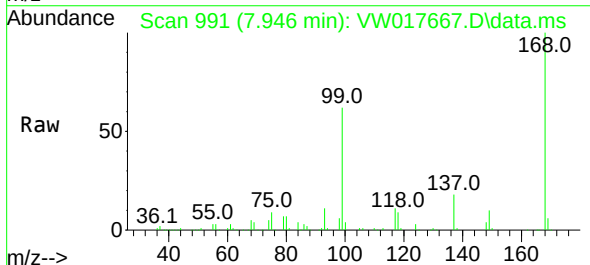
Instrument :
MSVOA_W
ClientSampleId :

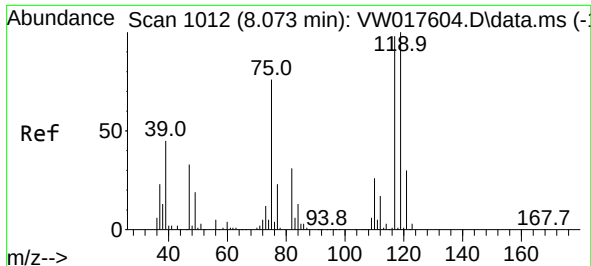
Tgt Ion:113 Resp: 108734
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 17.6 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

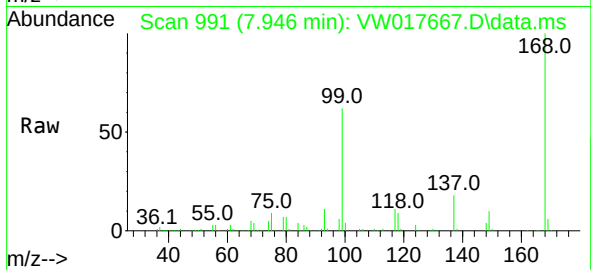
Tgt Ion: 75 Resp: 18419
Ion Ratio Lower Upper
75 100
110 9.8 19.3 57.9#
77 0.0 25.0 37.6#



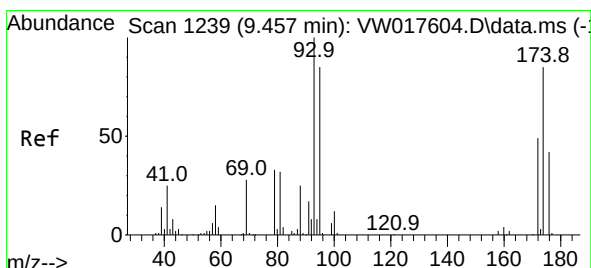
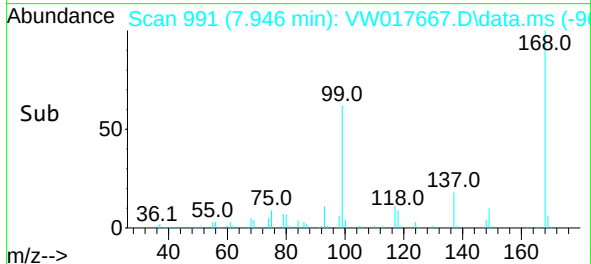
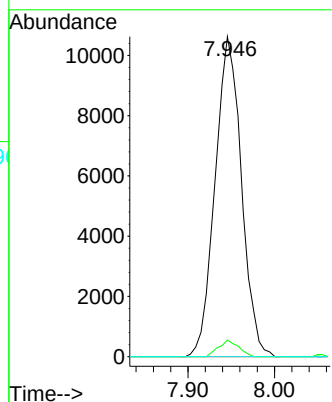


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.127 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :

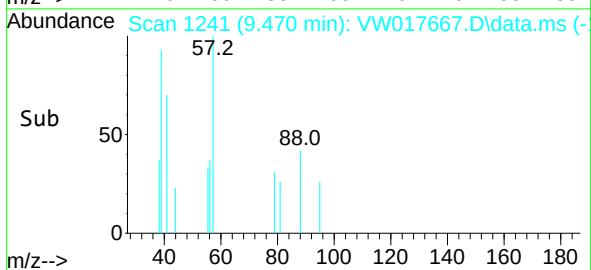
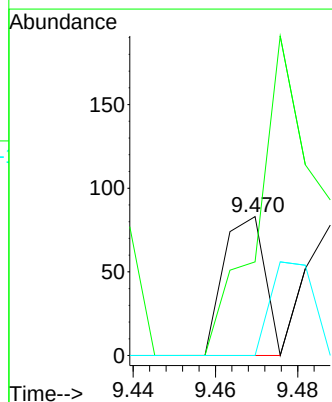
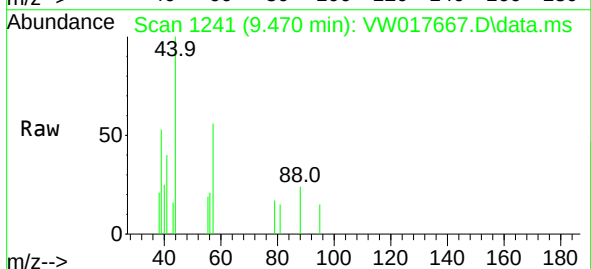


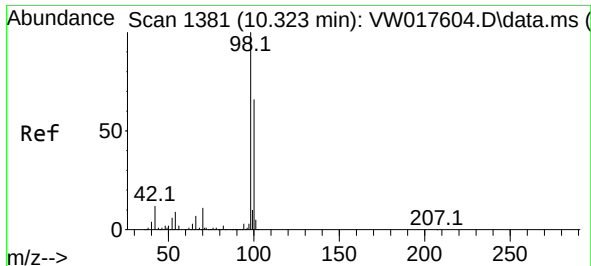
Tgt Ion:117 Resp: 22433
Ion Ratio Lower Upper
117 100
119 5.2 81.6 122.4#
121 0.0 25.7 38.5#



#49
1,4-Dioxane
Concen: 3.45 ug/l
RT: 9.470 min Scan# 1241
Delta R.T. 0.013 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 324.6 0.0 0.0#
58 70.2 54.0 81.0

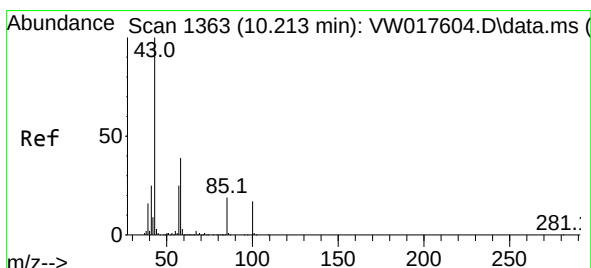
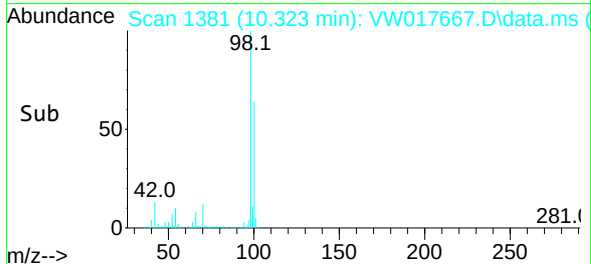
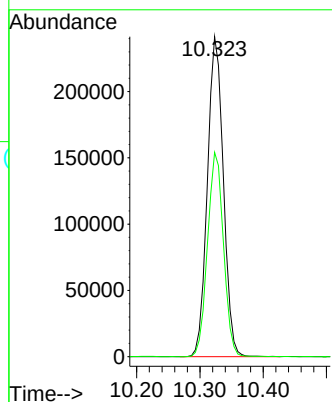
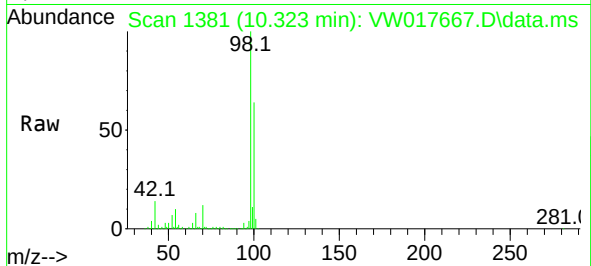




#50
Toluene-d8
Concen: 47.21 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

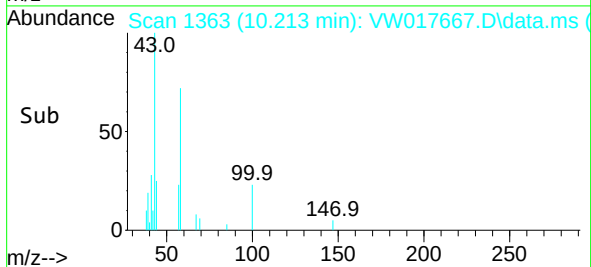
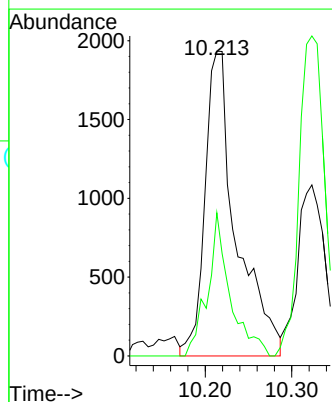
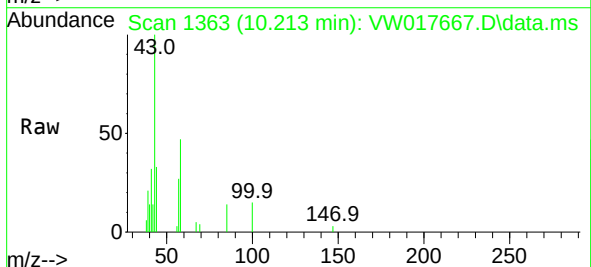
Instrument :
MSVOA_W
ClientSampleId :

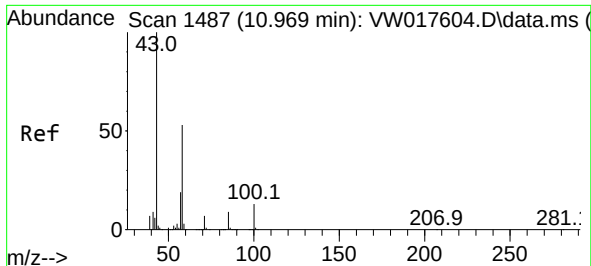
Tgt Ion: 98 Resp: 424378
Ion Ratio Lower Upper
98 100
100 63.8 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 3.40 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
58 34.0 34.7 52.1#

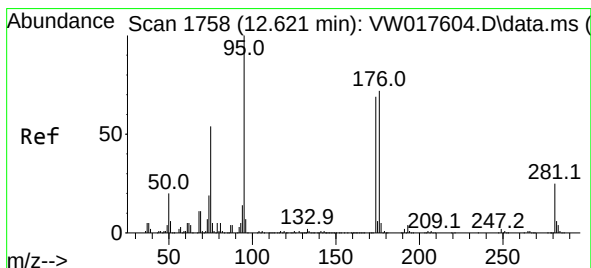
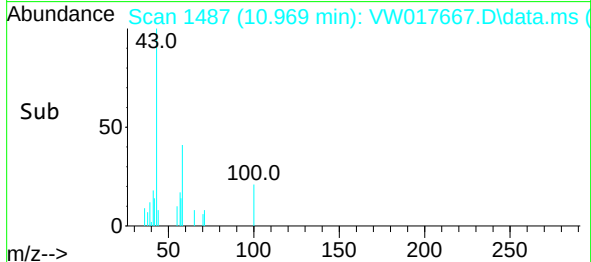
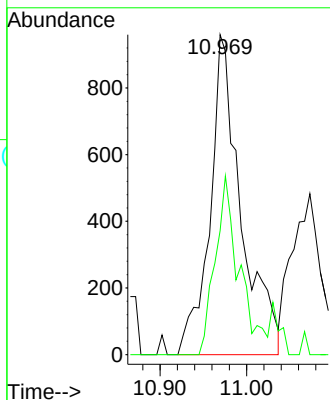
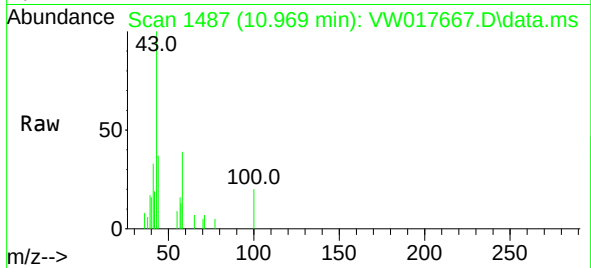




#59
2-Hexanone
Concen: 2.51 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

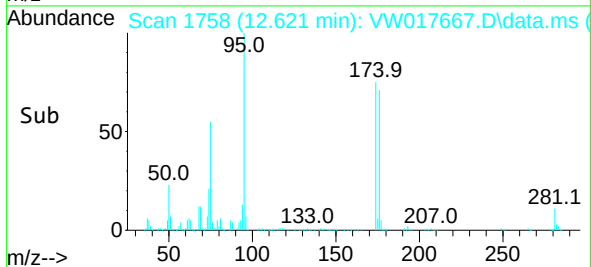
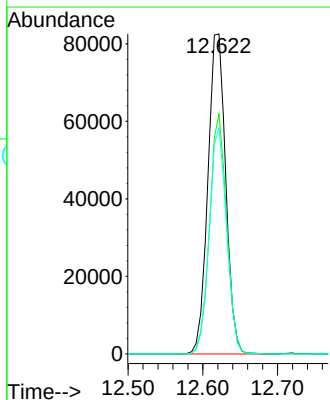
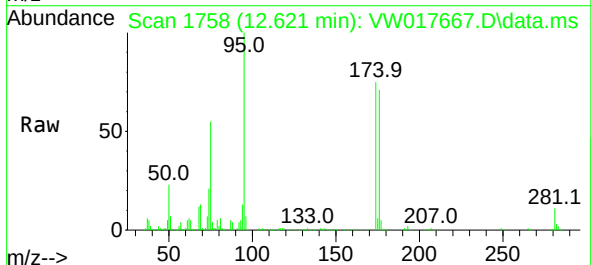
Instrument :
MSVOA_W
ClientSampled :

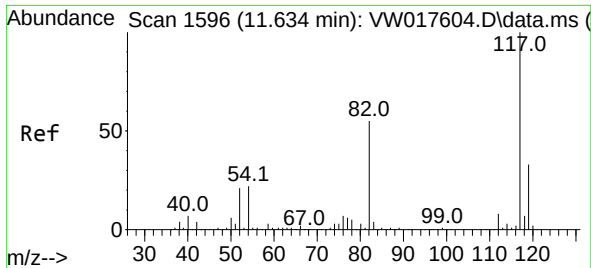
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 42.5 29.5 88.5



#62
4-Bromofluorobenzene
Concen: 42.53 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 95 Resp: 136519
Ion Ratio Lower Upper
95 100
174 72.0 0.0 180.6
176 68.9 0.0 177.6

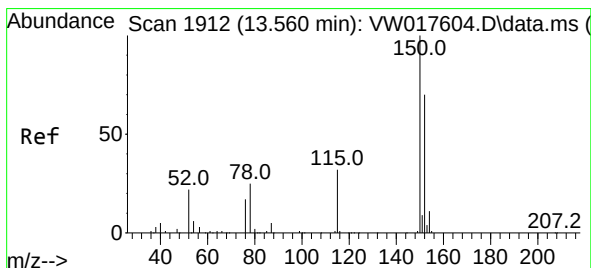
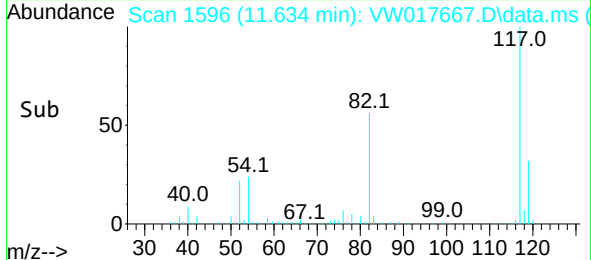
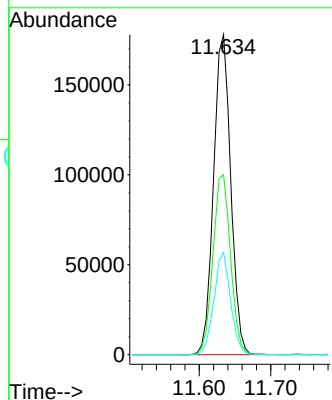
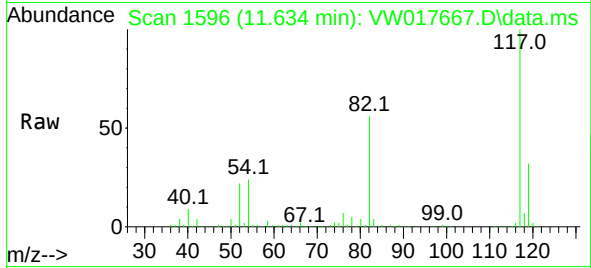




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

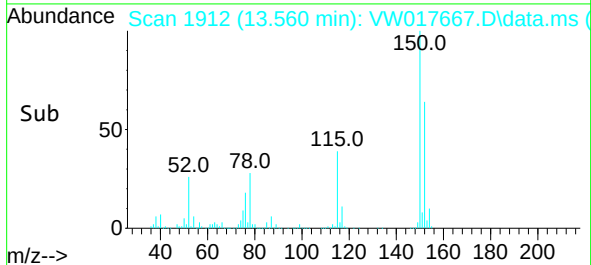
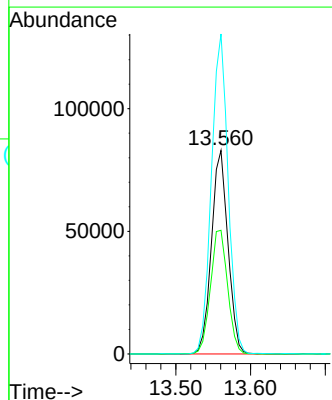
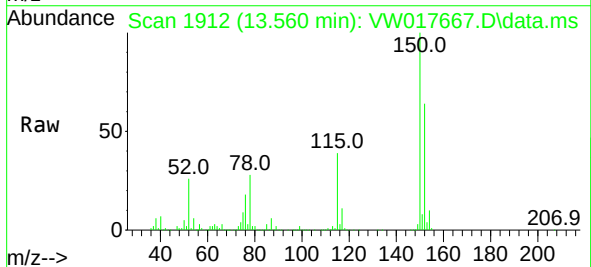
Instrument :
MSVOA_W
ClientSampleId :

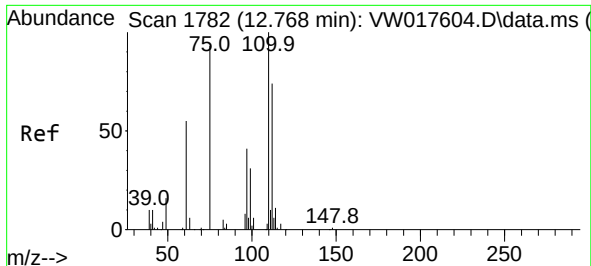
Tgt Ion:117 Resp: 296701
Ion Ratio Lower Upper
117 100
82 56.2 40.7 61.1
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion:152 Resp: 127722
Ion Ratio Lower Upper
152 100
115 63.2 27.9 83.7
150 158.8 0.0 344.0

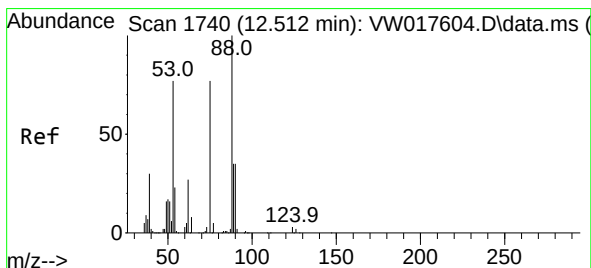
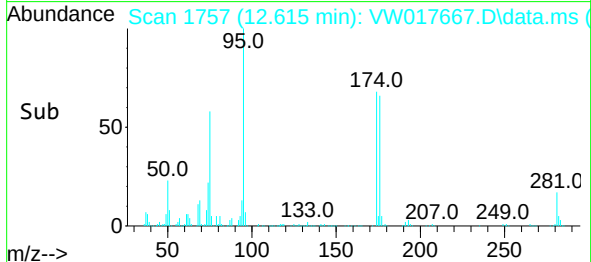
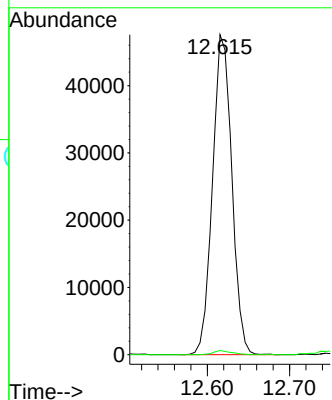
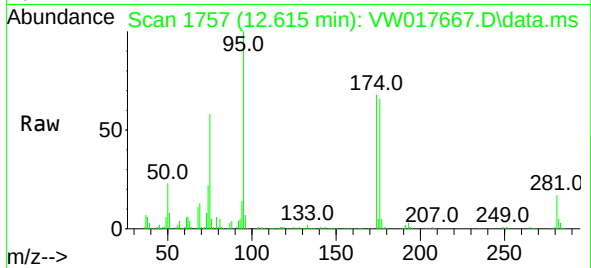




#76
1,2,3-Trichloropropane
Concen: 63.00 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 77454
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.64 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017667.D
Acq: 18 Dec 2020 11:24

Tgt Ion: 75 Resp: 77454
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.0 38.7 58.1#

