

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
 Data File : VW017619.D
 Acq On : 14 Dec 2020 18:41
 Operator : SY/VA
 Sample : L5047-01
 Misc : 6.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 15 03:29:11 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)

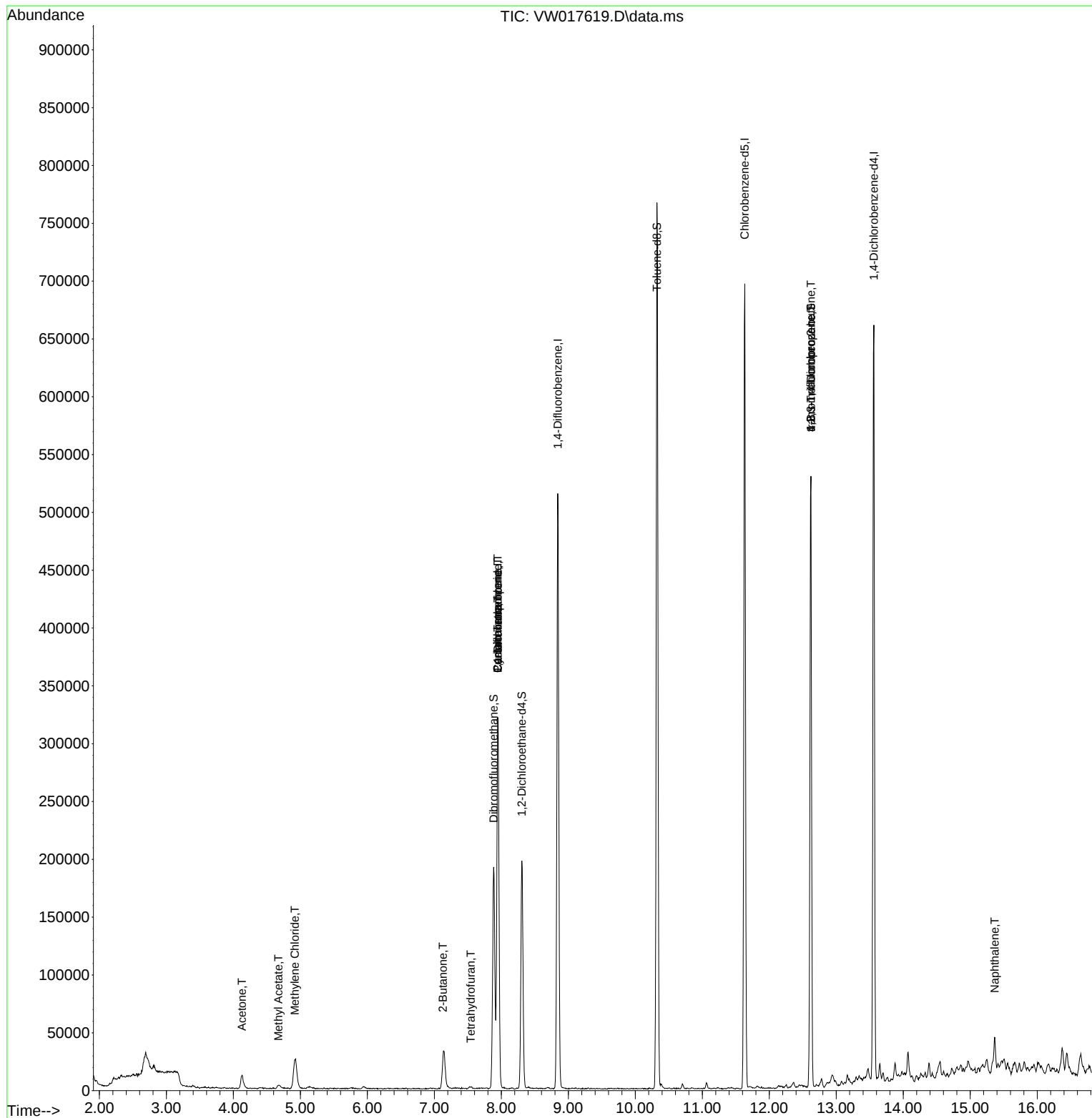
Internal Standards						
1) Pentafluorobenzene	7.946	168	225106	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	409068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	364166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	161416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	156833	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.885	113	131017	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	10.323	98	498749	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.622	95	168689	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.196	59	862	Below Cal	#	71
16) Acetone	4.129	43	21346	35.78	ug/l	99
18) Methyl Acetate	4.672	43	6440	5.31	ug/l	90
20) Methylene Chloride	4.916	84	20884	2.91	ug/l	88
25) 2-Butanone	7.129	43	2057	2.59	ug/l	# 65
26) 2,2-Dichloropropane	7.141	77	2595	Below Cal	#	50
29) Tetrahydrofuran	7.543	42	1807	4.04	ug/l	# 59
31) Cyclohexane	7.946	56	6812	1.44	ug/l	# 44
36) 1,1-Dichloropropene	7.946	75	20777	4.85	ug/l	# 48
38) Carbon Tetrachloride	7.946	117	25101	5.83	ug/l	# 12
76) 1,2,3-Trichloropropane	12.622	75	95820	61.67	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.622	75	95820	124.94	ug/l	# 11
95) Naphthalene	15.365	128	21957	3.46	ug/l	96

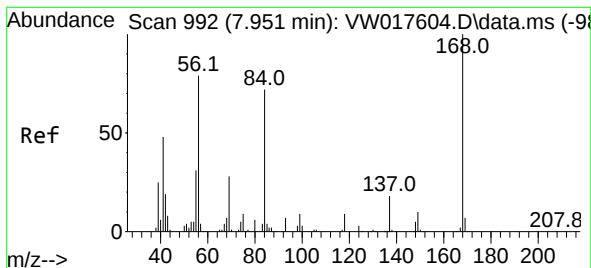
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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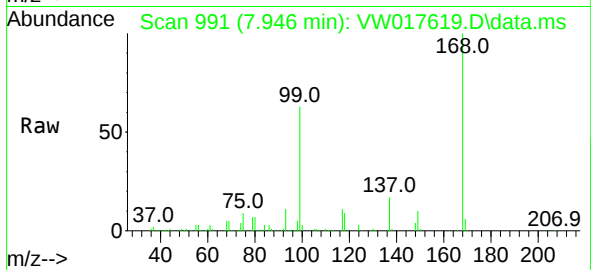
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration



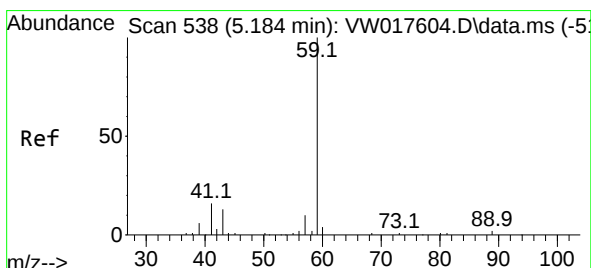
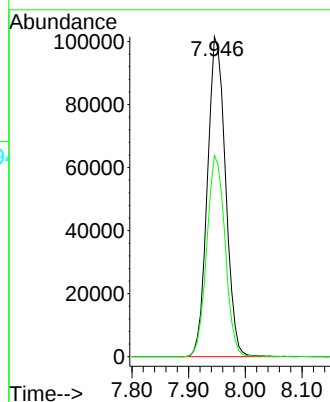
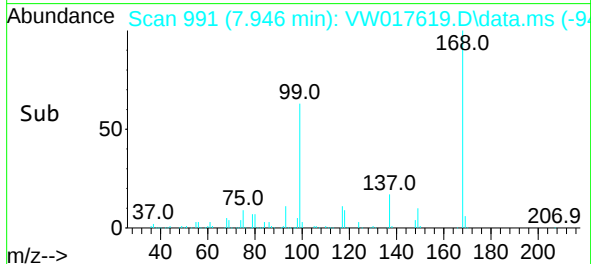


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

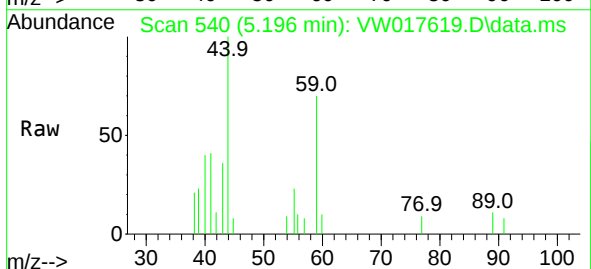
Instrument :
MSVOA_W
ClientSampleId :



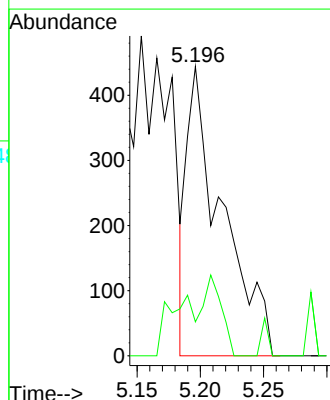
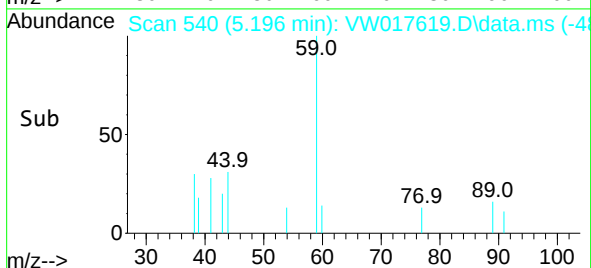
Tgt Ion:168 Resp: 225106
Ion Ratio Lower Upper
168 100
99 62.8 40.7 61.1#

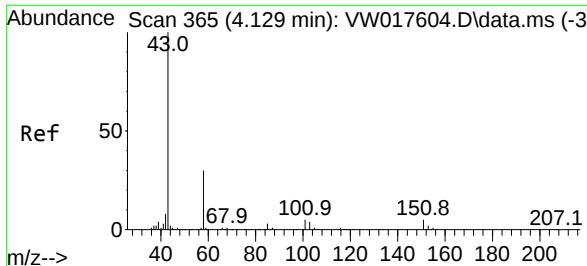


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41



Tgt Ion: 59 Resp: 862
Ion Ratio Lower Upper
59 100
57 15.5 4.7 7.1#

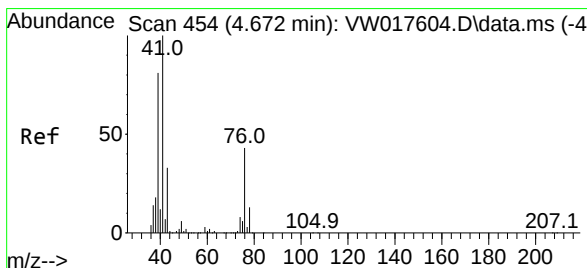
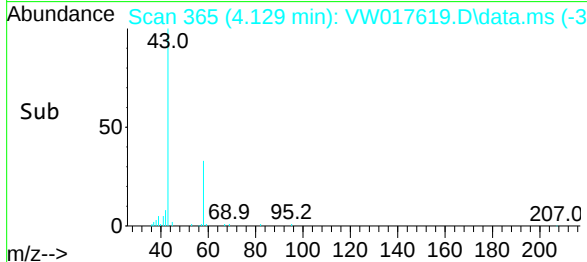
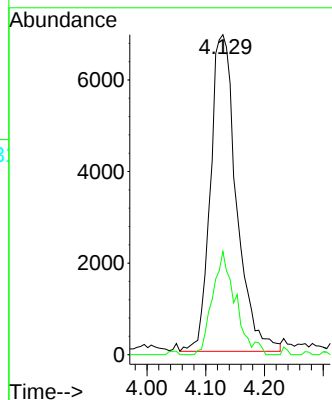
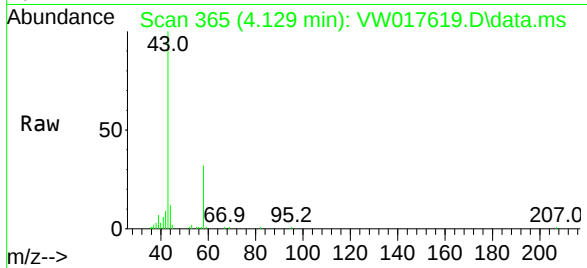




#16
Acetone
Concen: 35.78 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

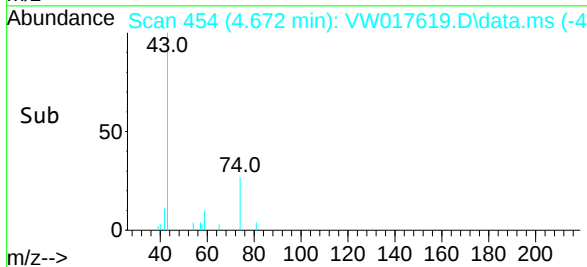
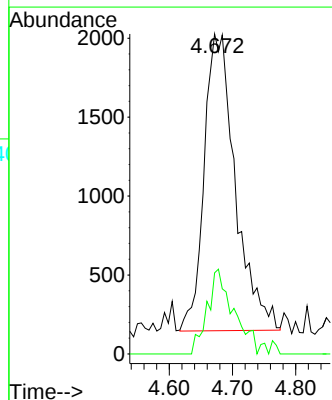
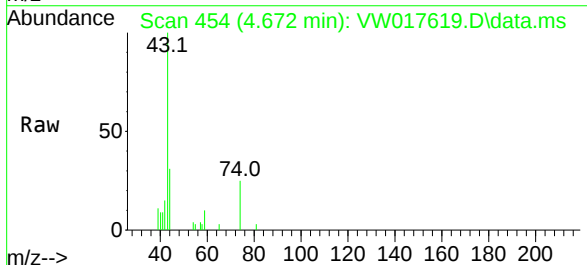
Instrument :
MSVOA_W
ClientSampled :

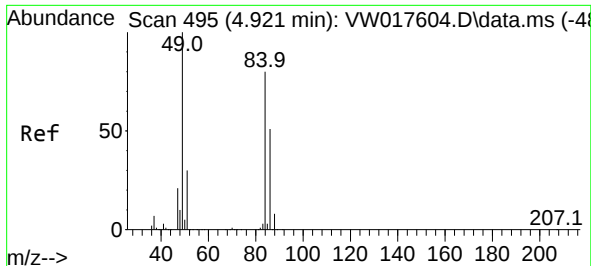
Tgt Ion: 43 Resp: 21346
Ion Ratio Lower Upper
43 100
58 32.6 25.7 38.5



#18
Methyl Acetate
Concen: 5.31 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

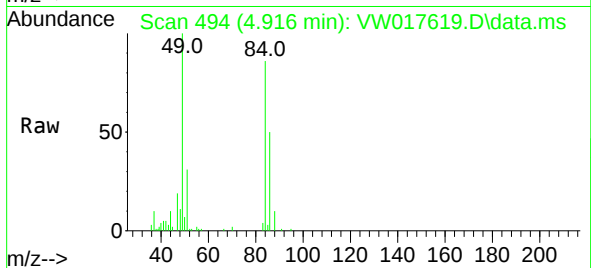
Tgt Ion: 43 Resp: 6440
Ion Ratio Lower Upper
43 100
74 24.3 23.8 35.6



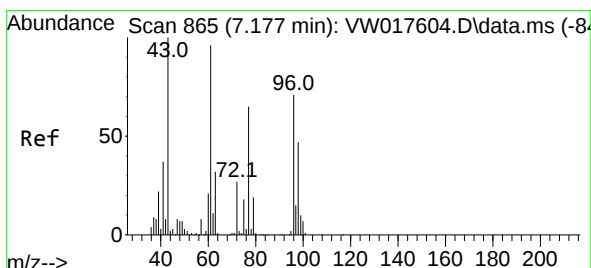
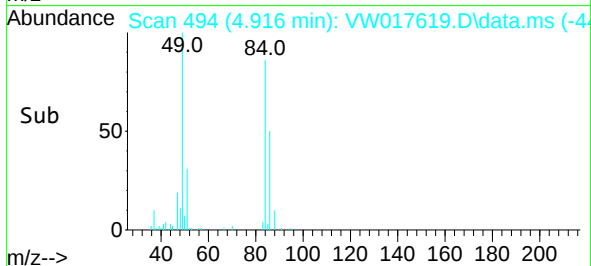
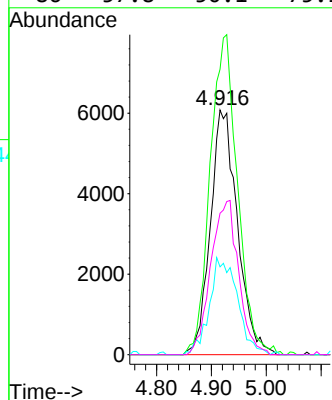


#20
Methylene Chloride
Concen: 2.91 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :

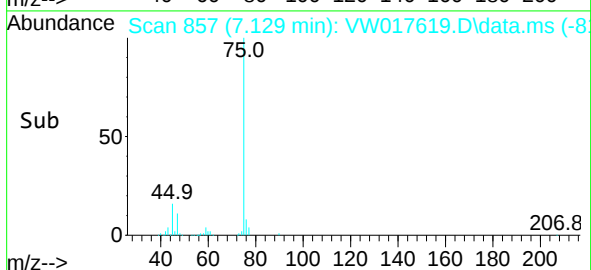
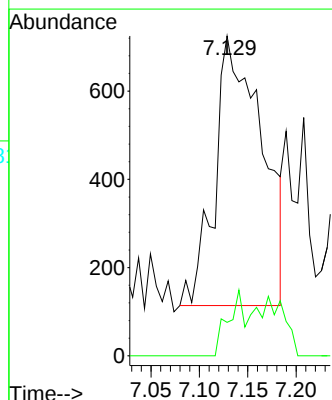
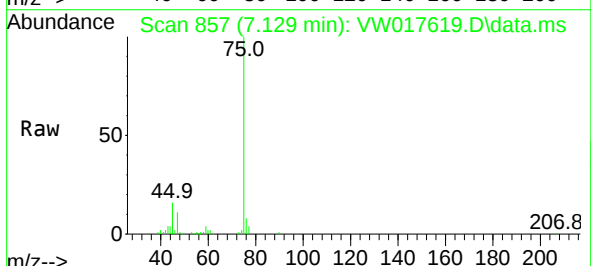


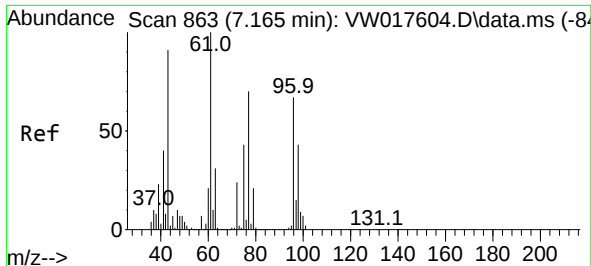
Tgt Ion:	84	Resp:	20884
Ion	Ratio	Lower	Upper
84	100		
49	116.7	79.0	118.6
51	35.9	26.1	39.1
86	57.8	50.1	75.1



#25
2-Butanone
Concen: 2.59 ug/l
RT: 7.129 min Scan# 857
Delta R.T. -0.048 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

Tgt Ion:	43	Resp:	2057
Ion	Ratio	Lower	Upper
43	100		
72	12.4	25.4	38.2#

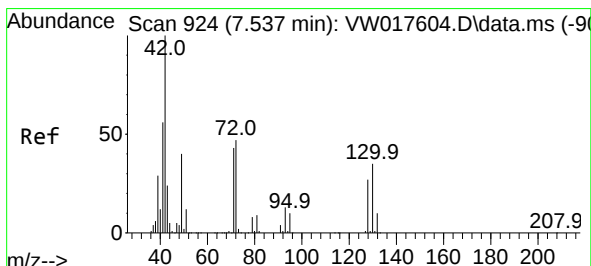
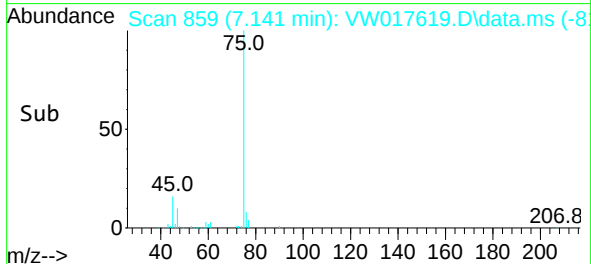
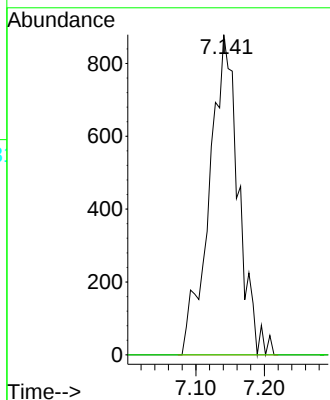
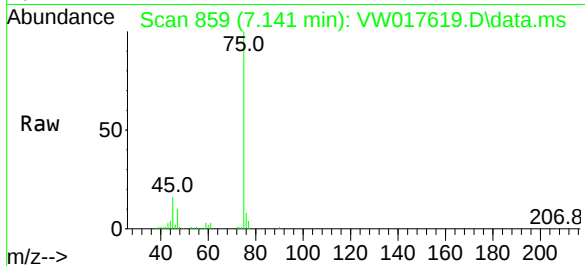




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

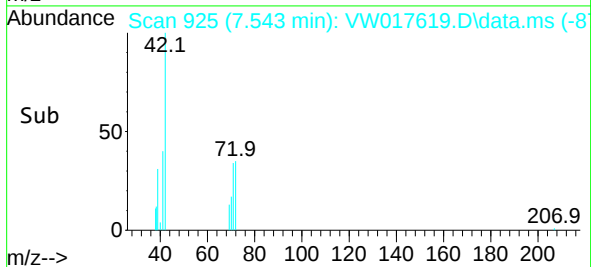
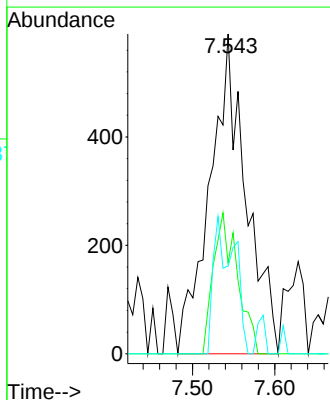
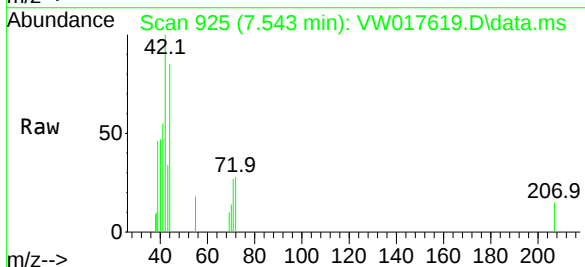
Instrument :
MSVOA_W
ClientSampleId :

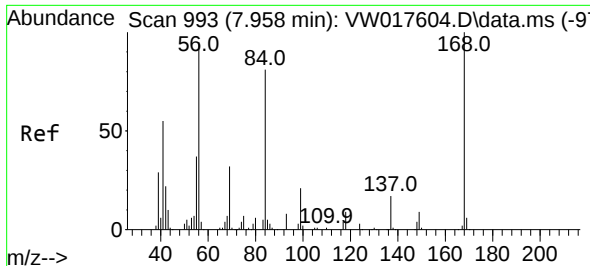
Tgt Ion: 77 Resp: 2595
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 4.04 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

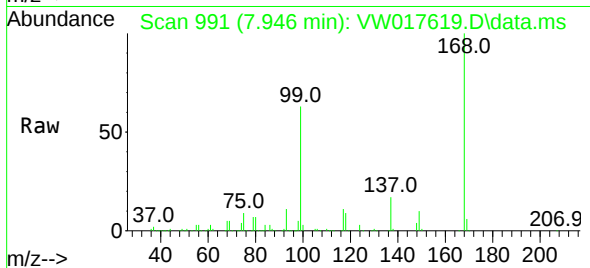
Tgt Ion: 42 Resp: 1807
Ion Ratio Lower Upper
42 100
72 29.3 42.0 63.0#
71 15.1 39.0 58.6#



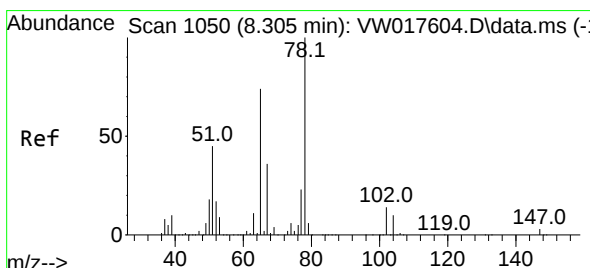
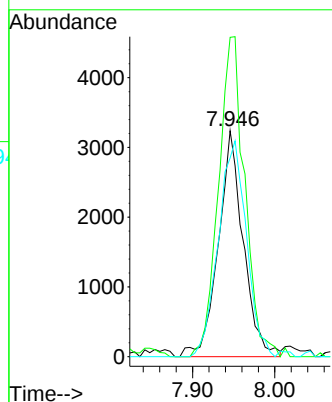
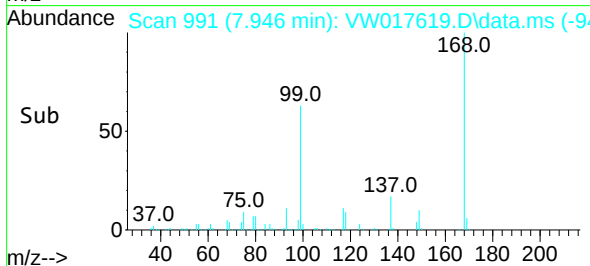


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

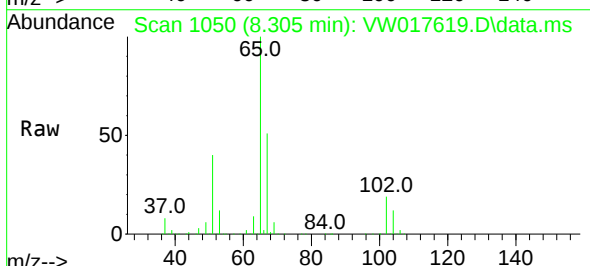
Instrument :
MSVOA_W
ClientSampleId :



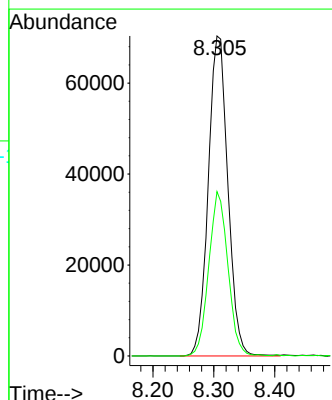
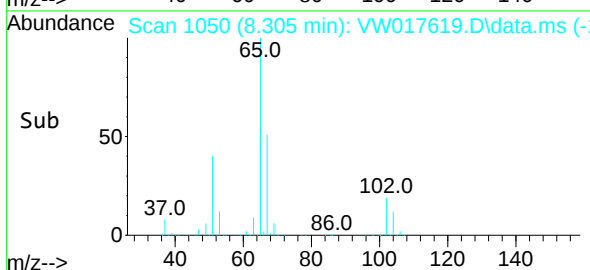
Tgt Ion: 56 Resp: 6812
Ion Ratio Lower Upper
56 100
69 141.4 29.3 43.9#
84 88.0 80.5 120.7

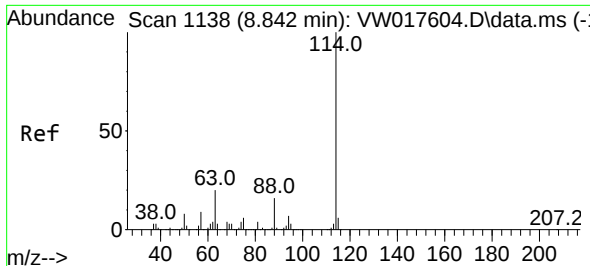


#33
1,2-Dichloroethane-d4
Concen: 57.20 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41



Tgt Ion: 65 Resp: 156833
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.8

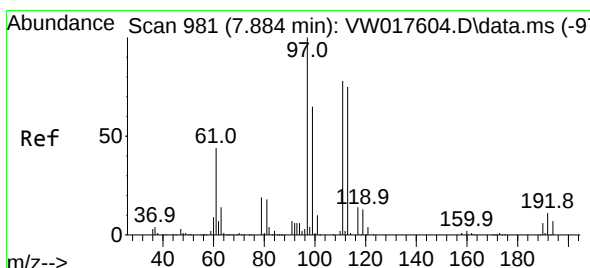
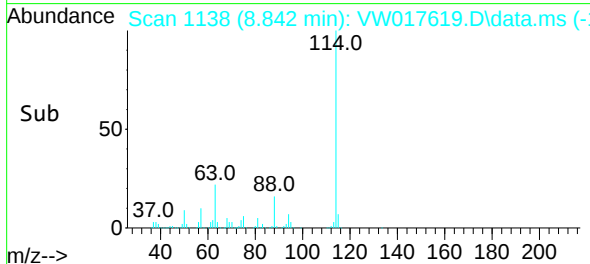
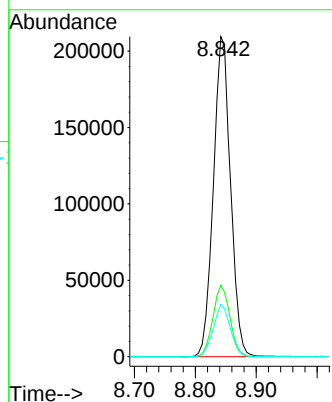
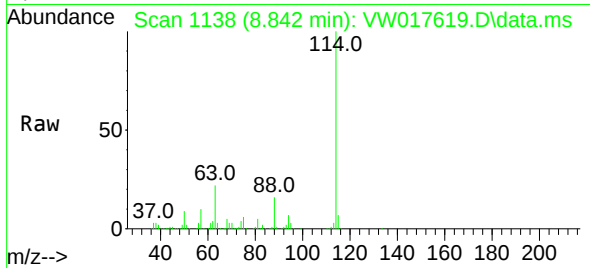




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

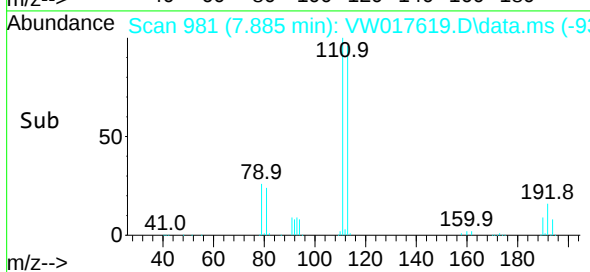
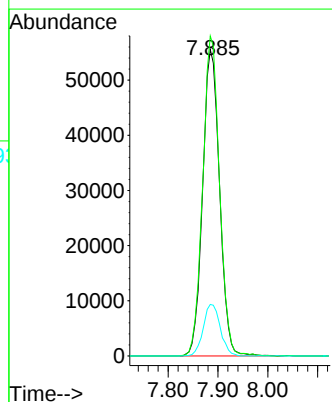
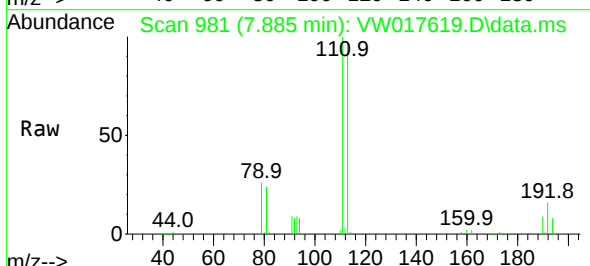
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MSVOA_W
ClientSampleId :

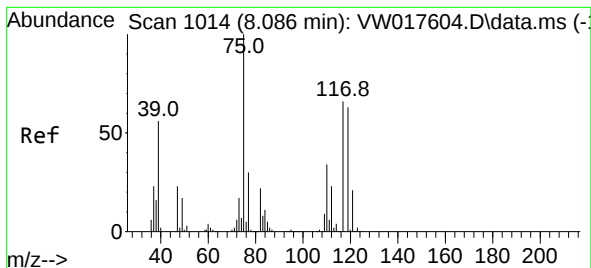
Tgt Ion:114 Resp: 409068
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.6
88 16.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.40 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

Tgt Ion:113 Resp: 131017
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 17.0 17.8 26.8#





#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 7.946 min Scan# 991

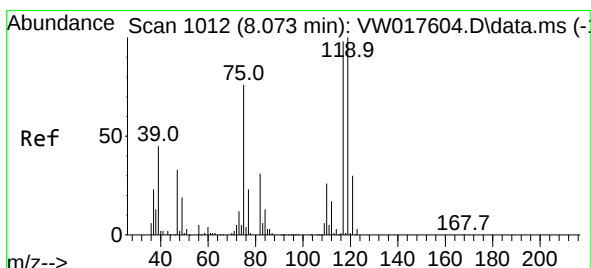
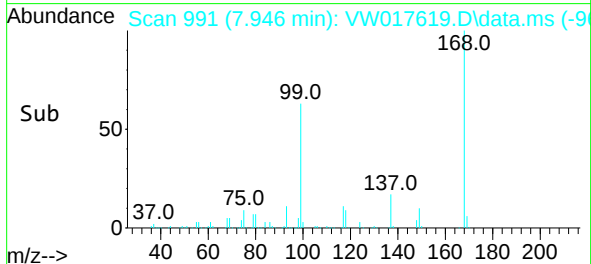
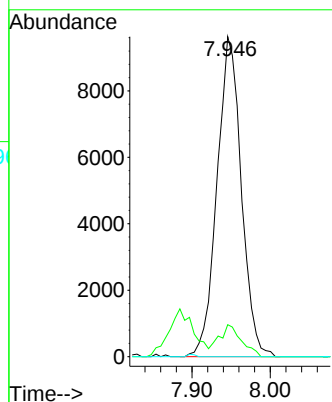
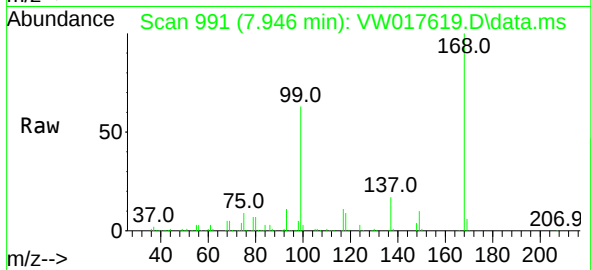
Delta R.T. -0.140 min

Lab File: VW017619.D

Acq: 14 Dec 2020 18:41

Tgt Ion:	75	Resp:	20777
Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.3	57.9#
77	0.0	25.0	37.6#

Instrument :
MSVOA_W
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.83 ug/l

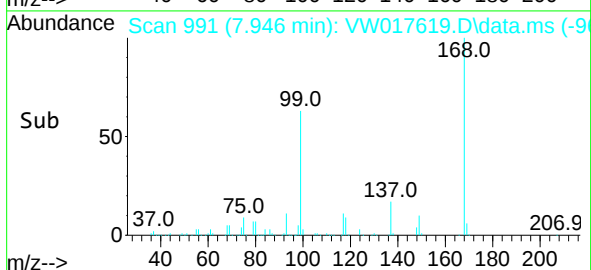
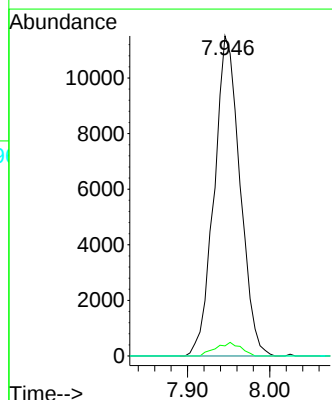
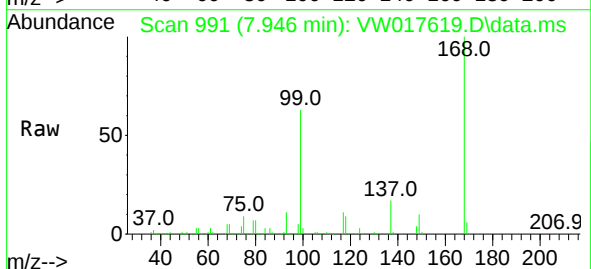
RT: 7.946 min Scan# 991

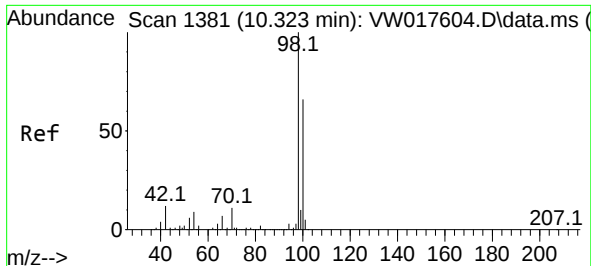
Delta R.T. -0.127 min

Lab File: VW017619.D

Acq: 14 Dec 2020 18:41

Tgt Ion:	117	Resp:	25101
Ion	Ratio	Lower	Upper
117	100		
119	3.2	81.6	122.4#
121	0.0	25.7	38.5#

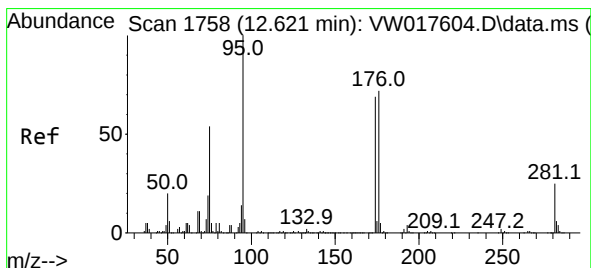
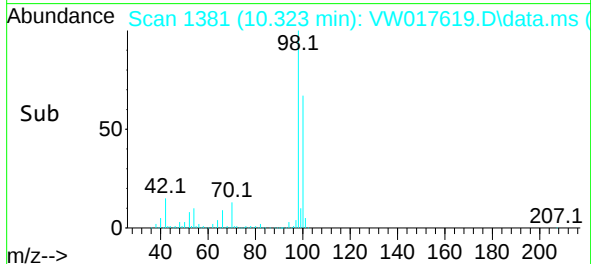
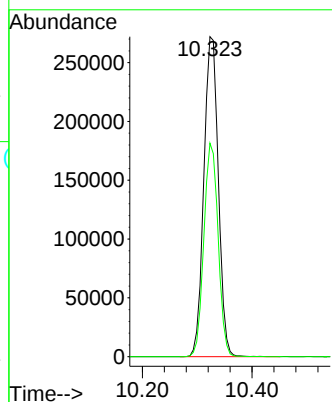
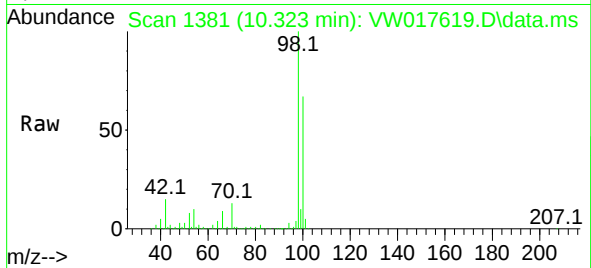




#50
Toluene-d8
Concen: 47.32 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

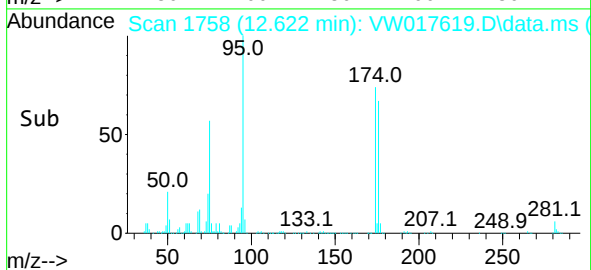
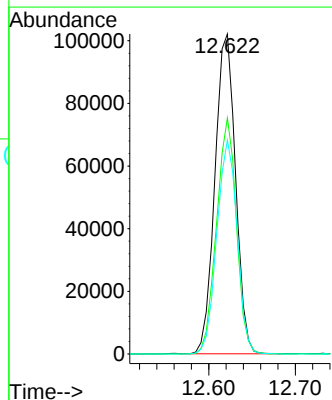
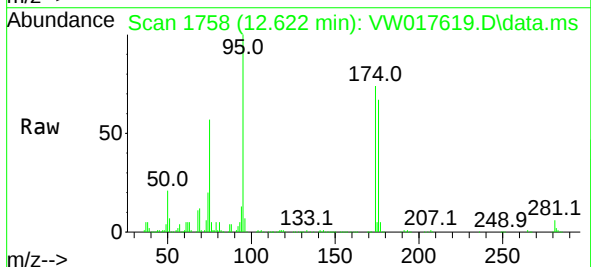
Instrument :
MSVOA_W
ClientSampleId :

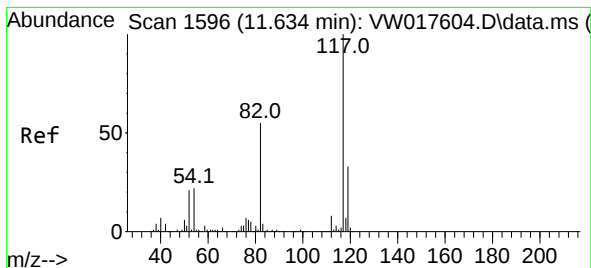
Tgt Ion: 98 Resp: 498749
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

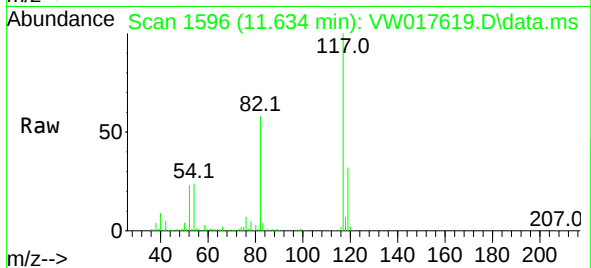
Tgt Ion: 95 Resp: 168689
Ion Ratio Lower Upper
95 100
174 71.1 0.0 180.6
176 66.0 0.0 177.6



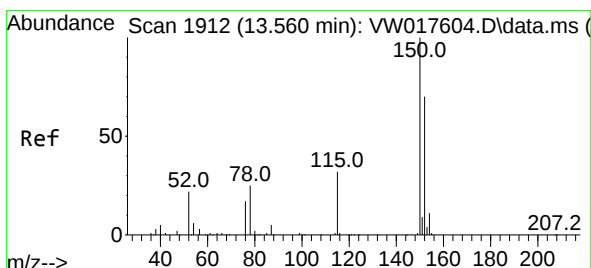
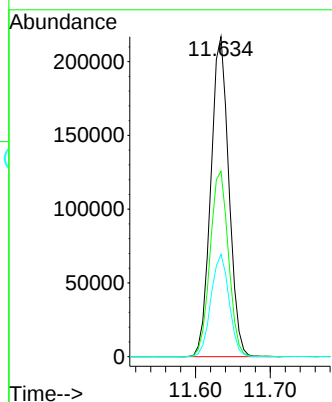
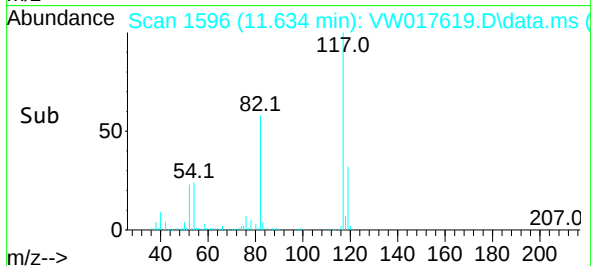


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

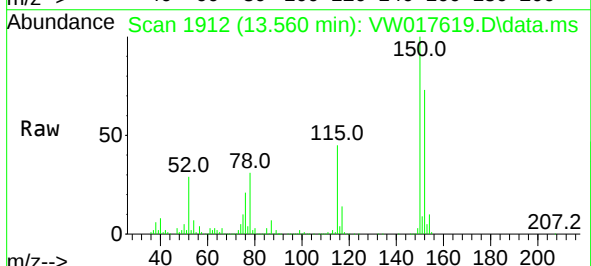
Instrument :
MSVOA_W
ClientSampleId :



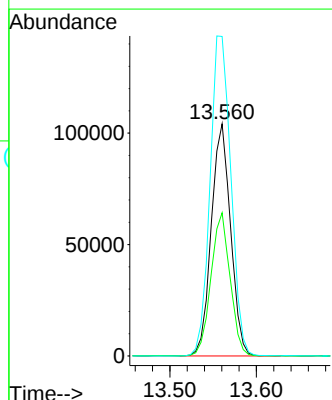
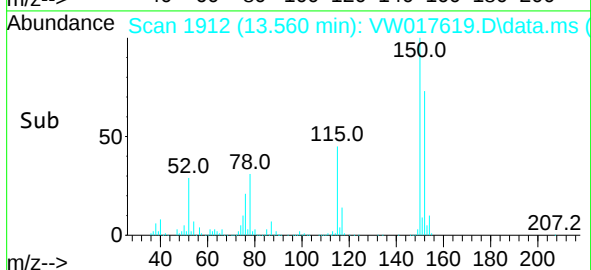
Tgt Ion:117 Resp: 364166
Ion Ratio Lower Upper
117 100
82 57.9 40.7 61.1
119 32.0 25.0 37.4

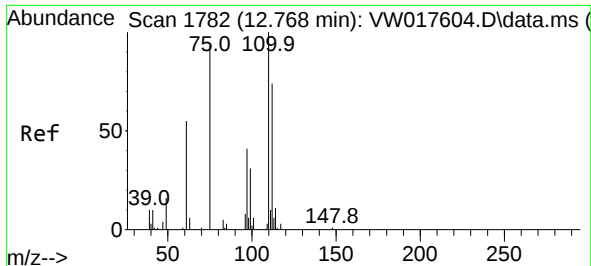


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41



Tgt Ion:152 Resp: 161416
Ion Ratio Lower Upper
152 100
115 60.9 27.9 83.7
150 148.6 0.0 344.0

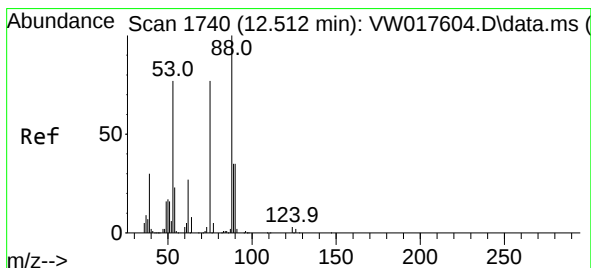
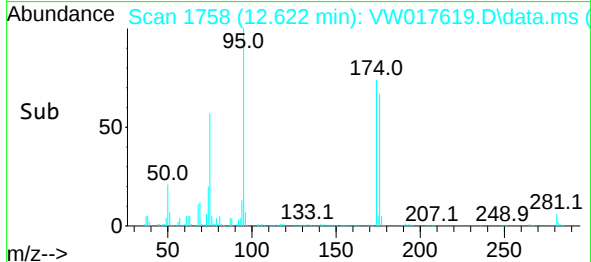
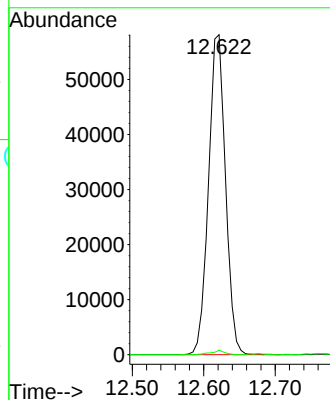
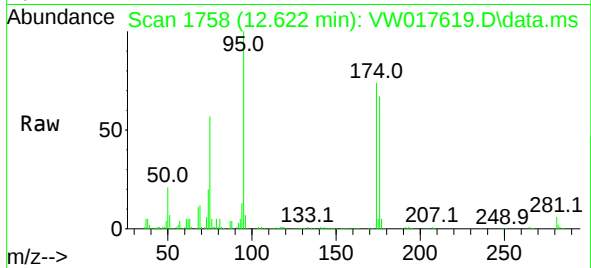




#76
1,2,3-Trichloropropane
Concen: 61.67 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

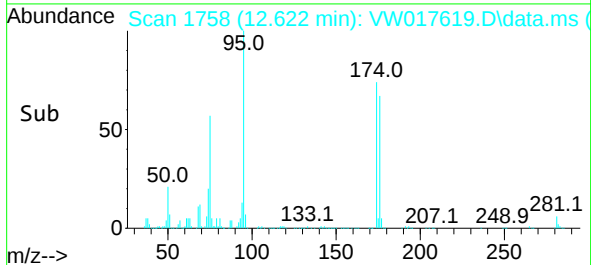
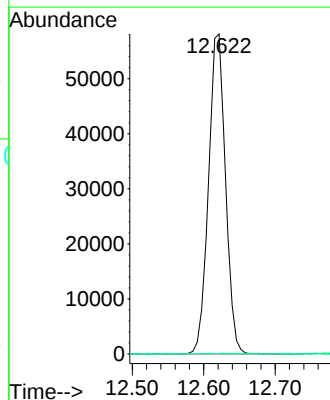
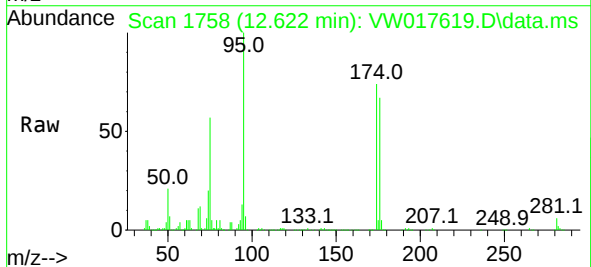
Instrument :
MSVOA_W
ClientSampleId :

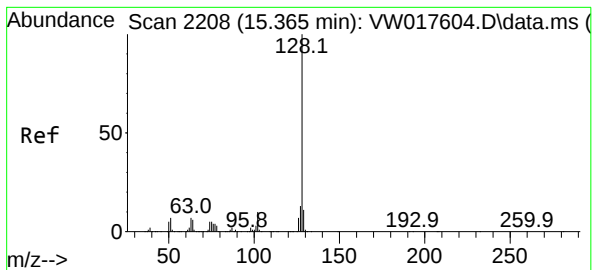
Tgt Ion: 75 Resp: 95820
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.94 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

Tgt Ion: 75 Resp: 95820
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#





#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017619.D
Acq: 14 Dec 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	21957
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.4	15.6
129	12.6	8.6	12.8

