

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015835.D
 Acq On : 09 Jul 2020 17:48
 Operator : SY/VA
 Sample : L3186-01RE
 Misc : 8.12G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820RE

Quant Time: Jul 10 06:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

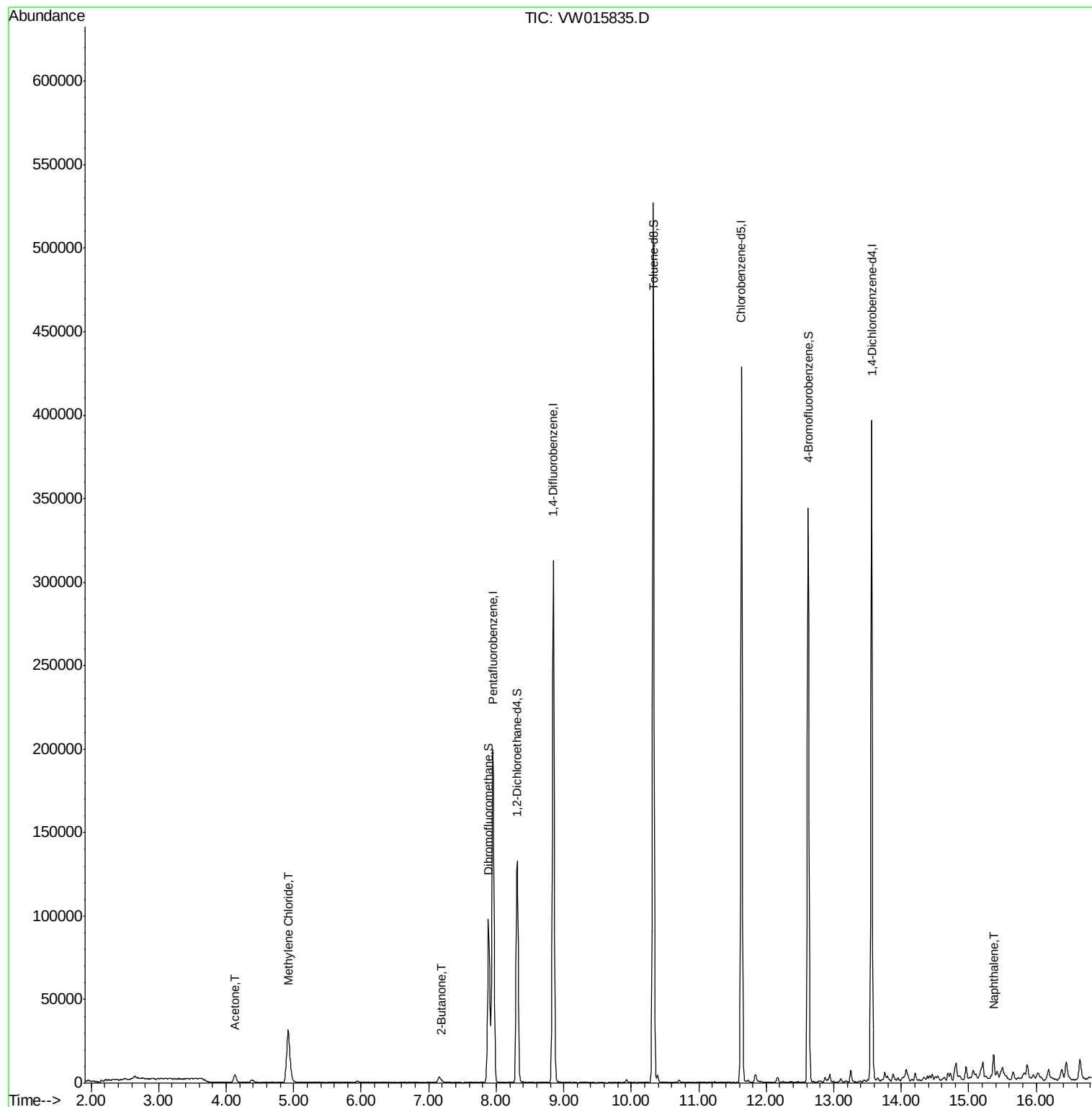
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	256287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107180	71.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.08%	
35) Dibromofluoromethane	7.88	113	69921	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	10.32	98	342190	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
62) 4-Bromofluorobenzene	12.62	95	111765	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
16) Acetone	4.12	43	8915	31.581	ug/l	93
20) Methylene Chloride	4.92	84	26276	14.922	ug/l	96
25) 2-Butanone	7.19	43	2211	5.770	ug/l #	83
95) Naphthalene	15.36	128	11972	6.327	ug/l	97

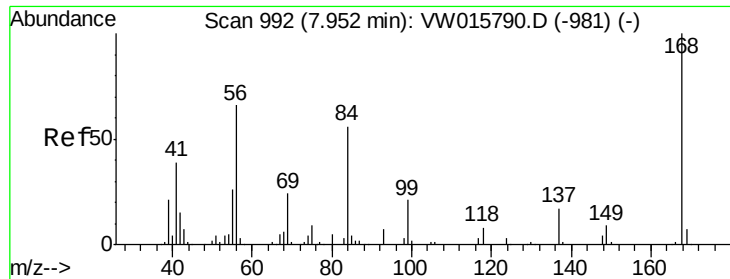
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

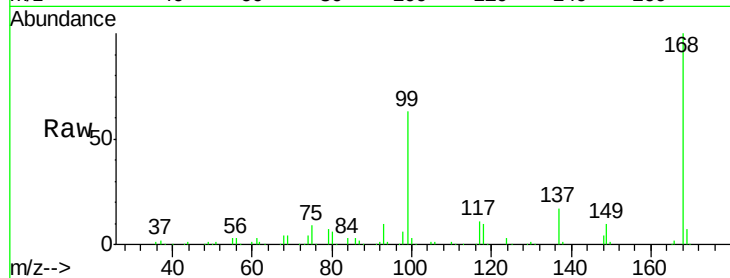
OR-02-070820RE

Tot Ion:168 Resp: 146510

Ion Ratio Lower Upper

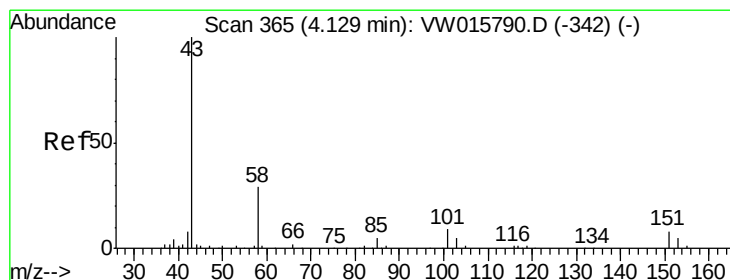
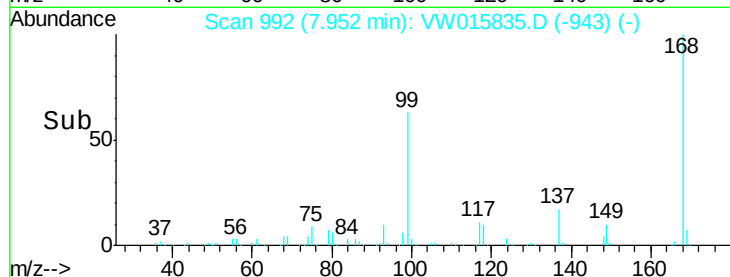
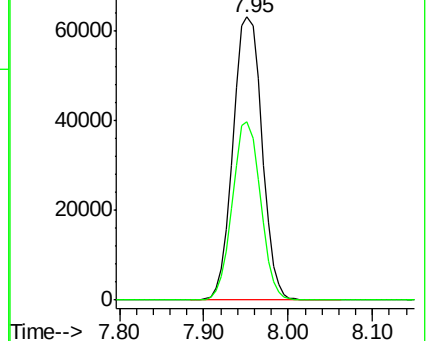
168 100

99 63.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.581 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015835.D

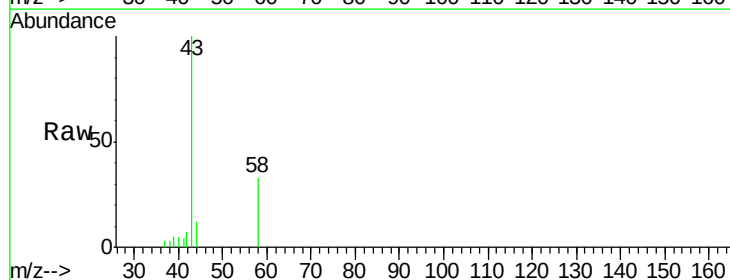
Acq: 09 Jul 2020 17:48

Tgt Ion: 43 Resp: 8915

Ion Ratio Lower Upper

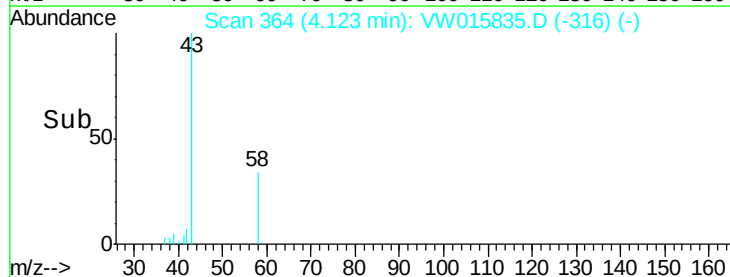
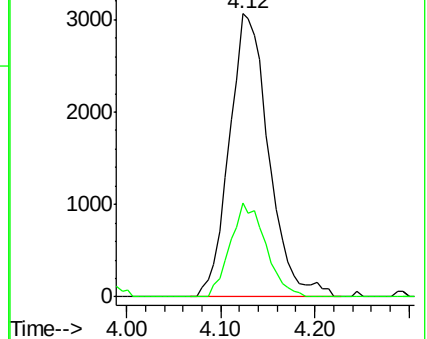
43 100

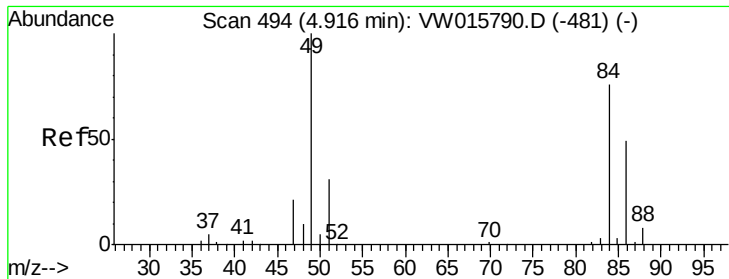
58 33.1 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

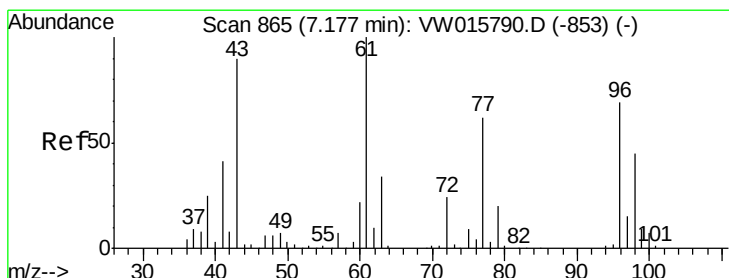
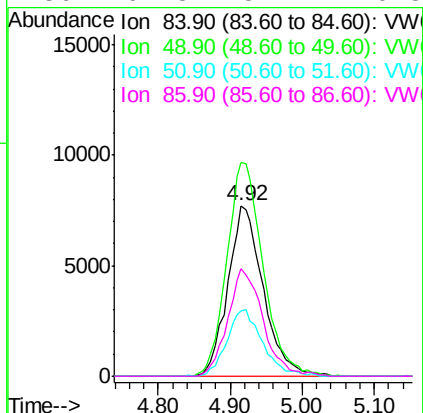
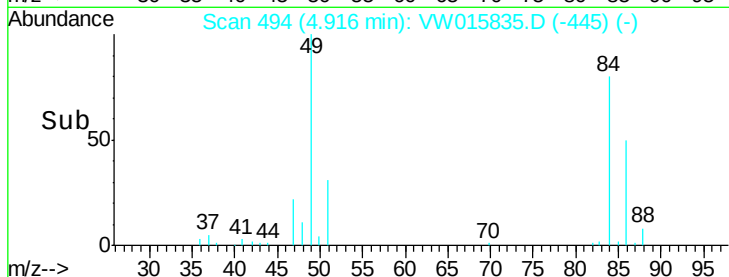
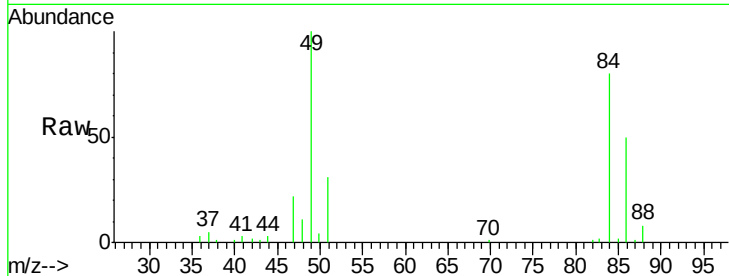




#20
Methylene Chloride
Concen: 14.922 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

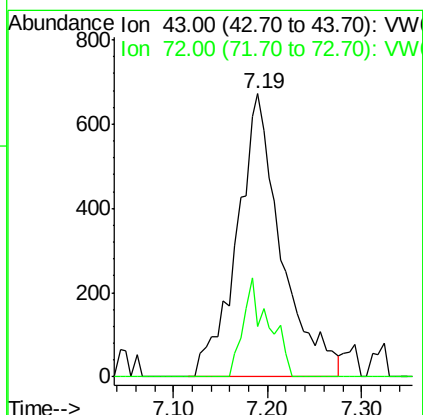
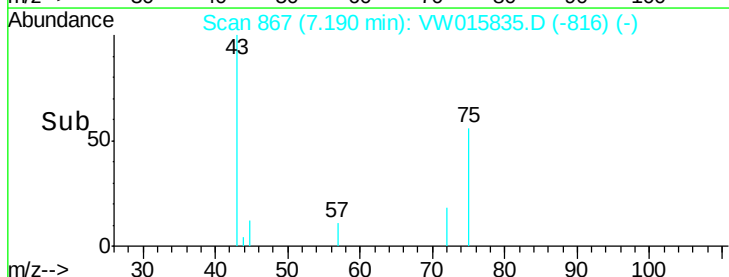
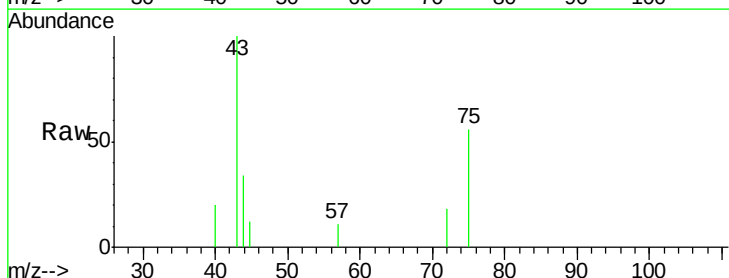
Instrument :
MSVOA_W
ClientSampled :
OR-02-070820RE

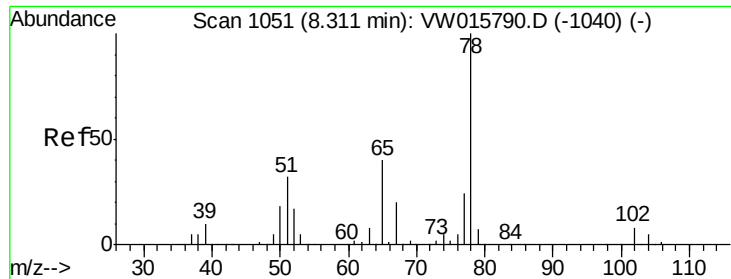
Tot Ion: 84 Resp: 26276
Ion Ratio Lower Upper
84 100
49 125.3 105.0 157.6
51 38.6 32.3 48.5
86 62.8 51.2 76.8



#25
2-Butanone
Concen: 5.770 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
72 17.9 21.3 31.9#

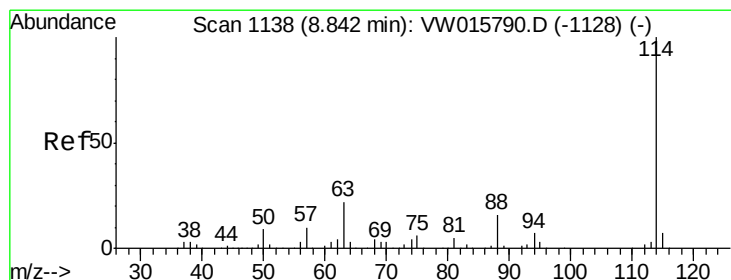
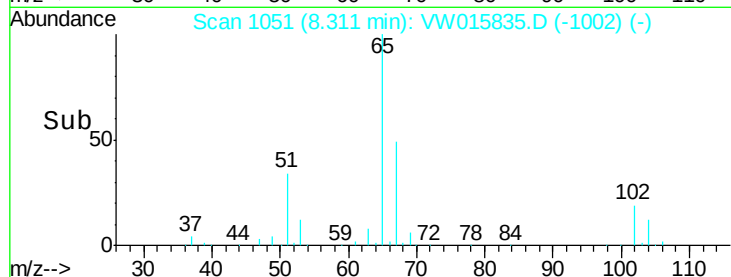
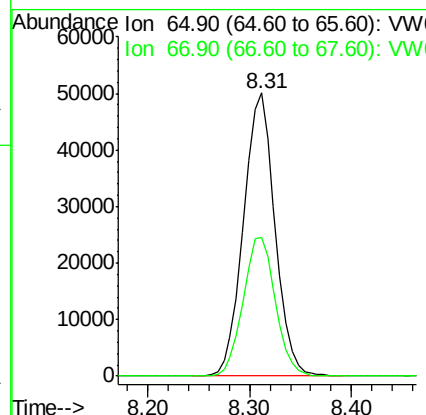
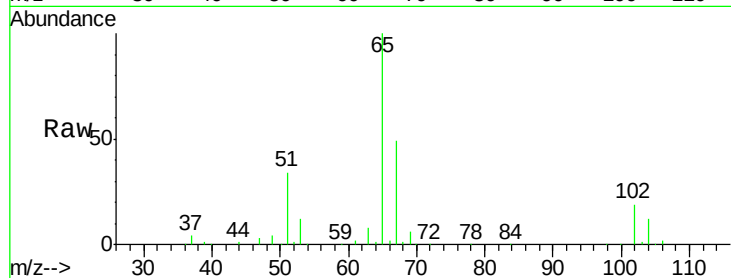




#33
 1,2-Dichloroethane-d4
 Concen: 71.042 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

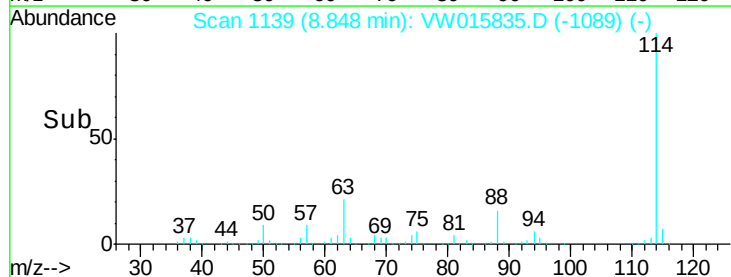
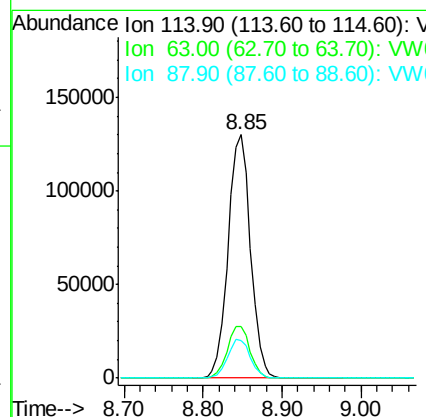
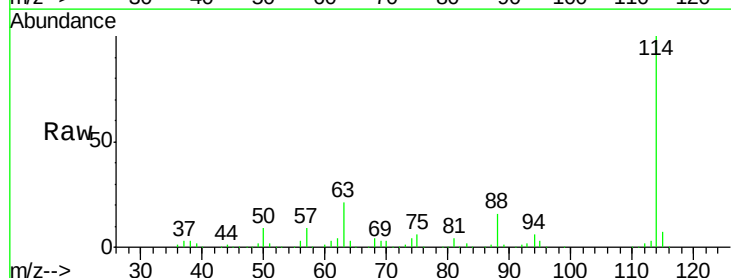
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820RE

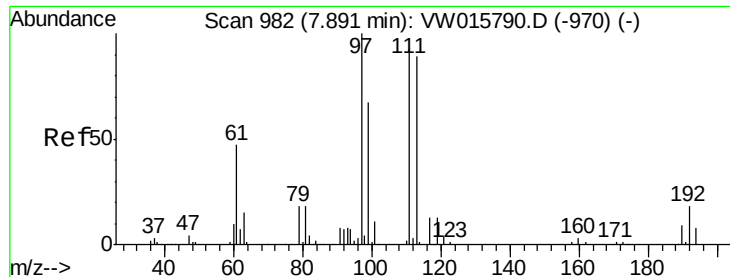
Tot Ion: 65 Resp: 107180
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015835.D
 Acq: 09 Jul 2020 17:48

Tgt Ion: 114 Resp: 256287
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.4
 88 15.7 0.0 32.6

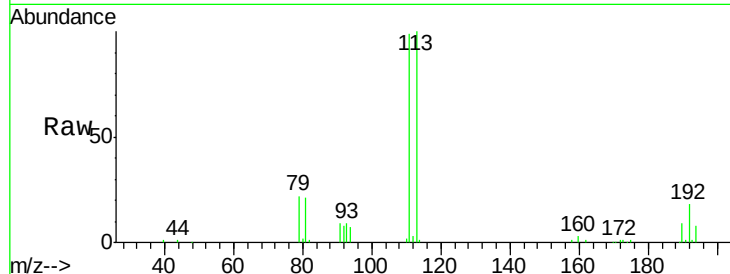




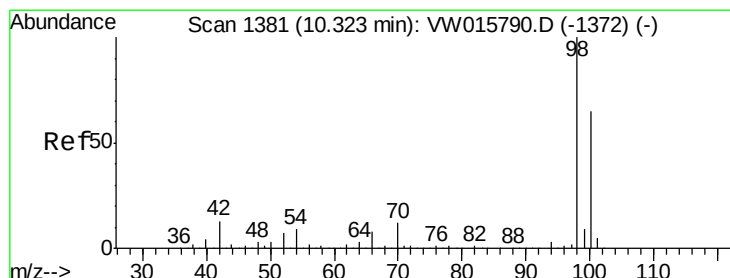
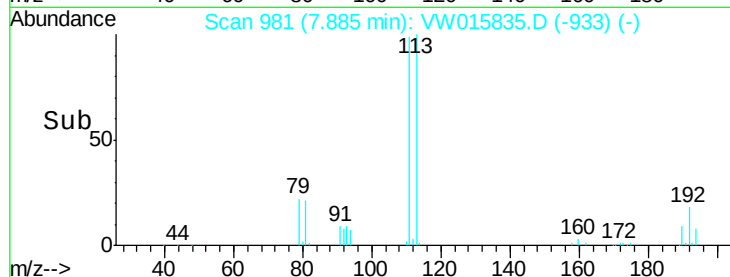
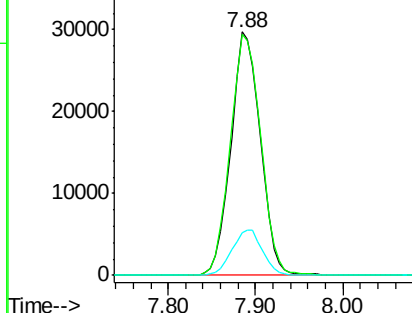
#35
Dibromofluoromethane
Concen: 46.763 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820RE

Tot Ion:113 Resp: 69921
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.2 15.4 23.2

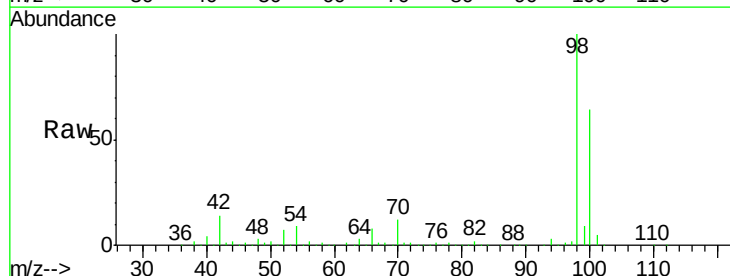


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

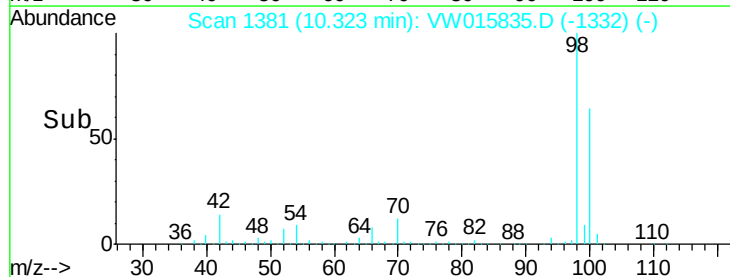
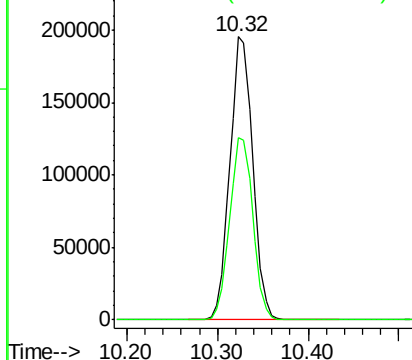


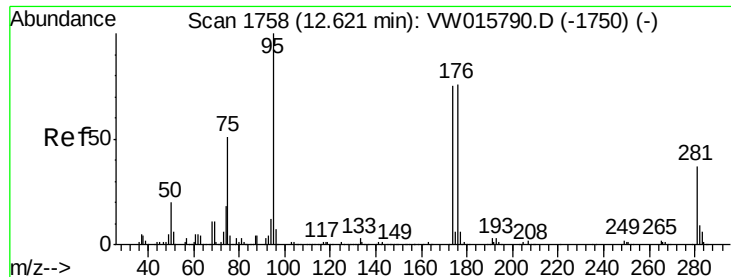
#50
Toluene-d8
Concen: 59.580 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 98 Resp: 342190
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

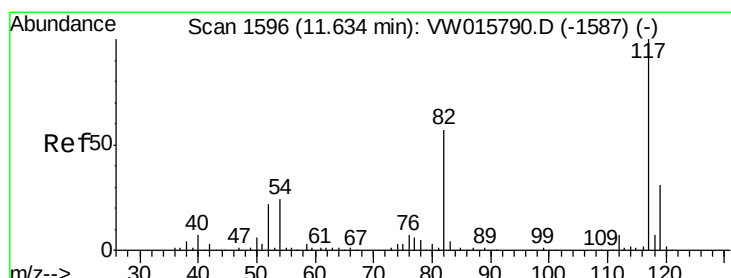
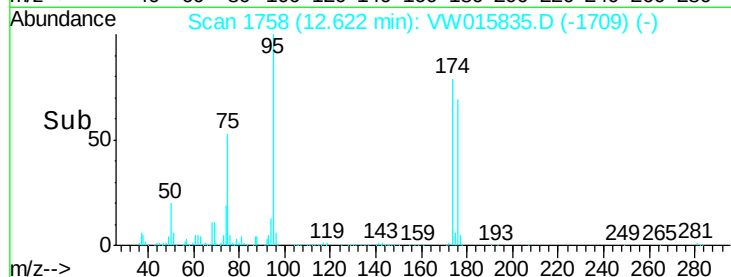
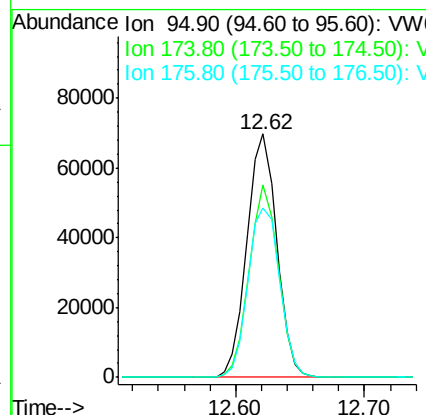
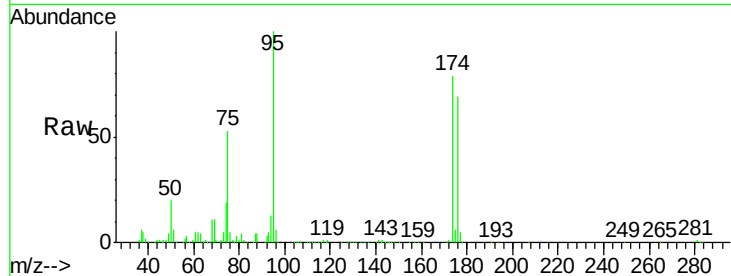




#62
4-Bromofluorobenzene
Concen: 53.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

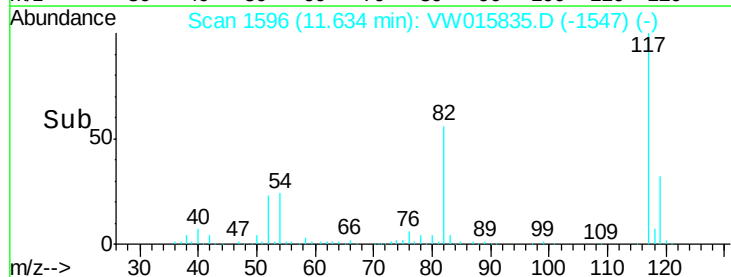
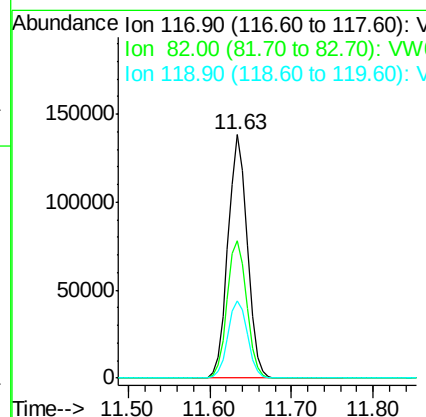
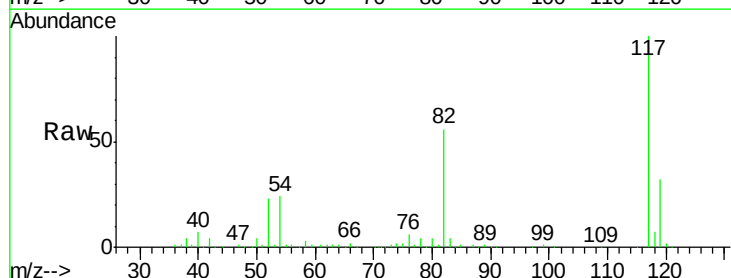
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MSVOA_W
ClientSampleId :
OR-02-070820RE

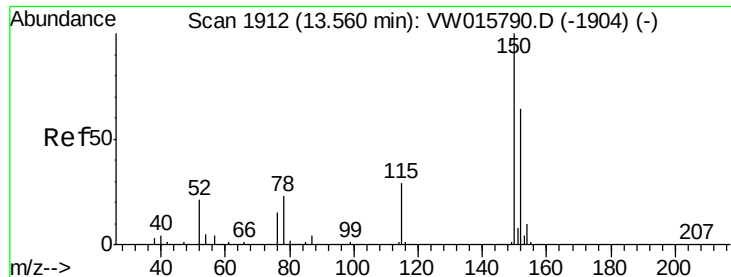
Tot Ion: 95 Resp: 111765
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.2
176 73.8 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015835.D
Acq: 09 Jul 2020 17:48

Tgt Ion: 117 Resp: 226511
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015835.D

Acq: 09 Jul 2020 17:48

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820RE

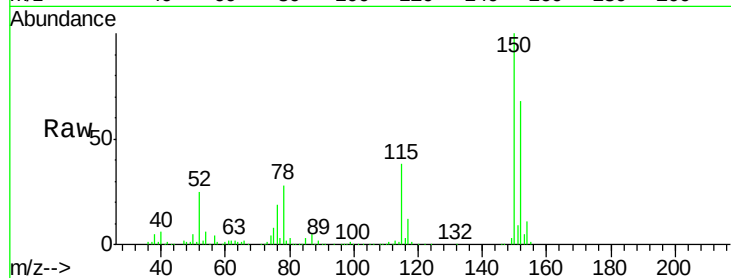
Tot Ion:152 Resp: 99459

Ion Ratio Lower Upper

152 100

115 59.2 29.9 89.7

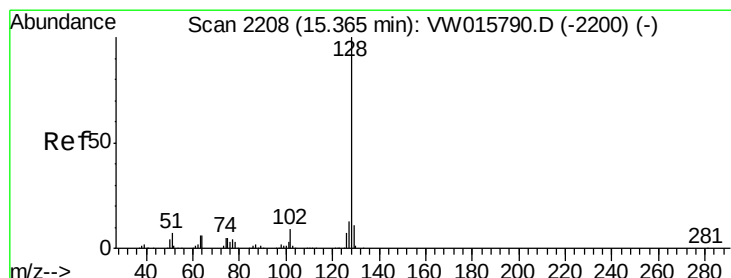
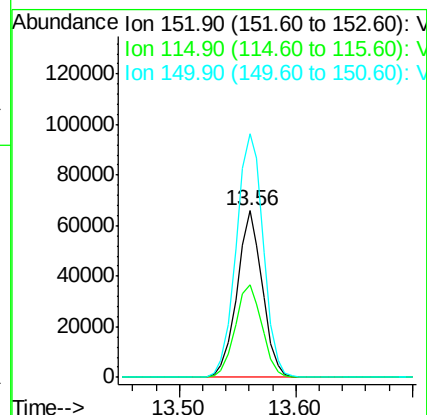
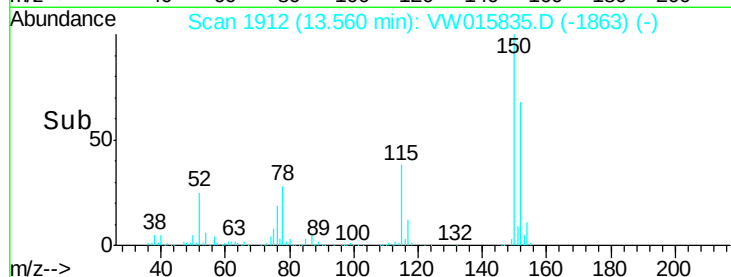
150 156.4 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 6.327 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015835.D

Acq: 09 Jul 2020 17:48

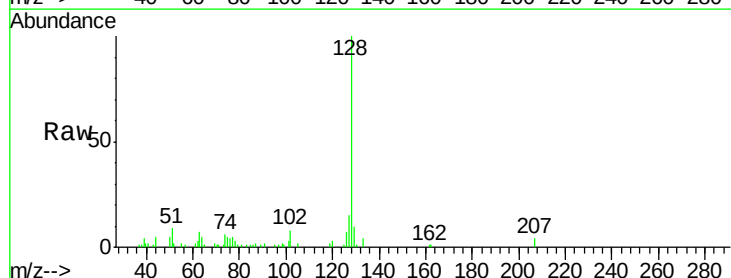
Tgt Ion:128 Resp: 11972

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 12.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

