

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015815.D
 Acq On : 08 Jul 2020 17:41
 Operator : SY/VA
 Sample : L3203-13
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06

Quant Time: Jul 09 05:20:55 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

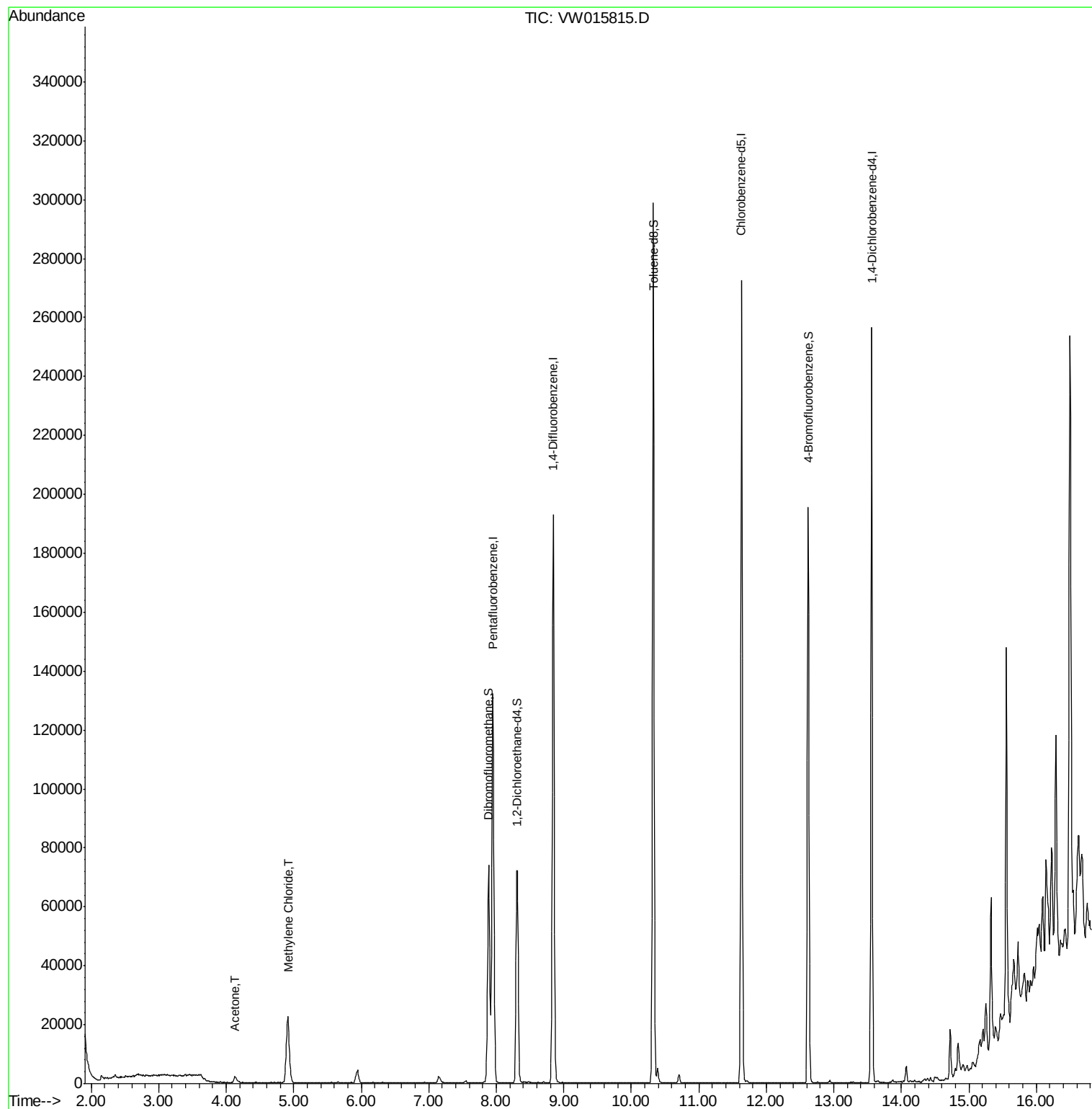
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60150	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
35) Dibromofluoromethane	7.89	113	51773	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
50) Toluene-d8	10.32	98	195273	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	62647	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	4.13	43	4197	22.793	ug/l #	81
20) Methylene Chloride	4.92	84	16244	13.881	ug/l	95

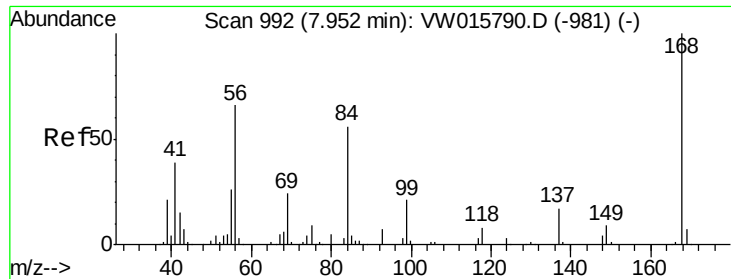
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015815.D

Acq: 08 Jul 2020 17:41

Instrument :

MSVOA_W

ClientSampleId :

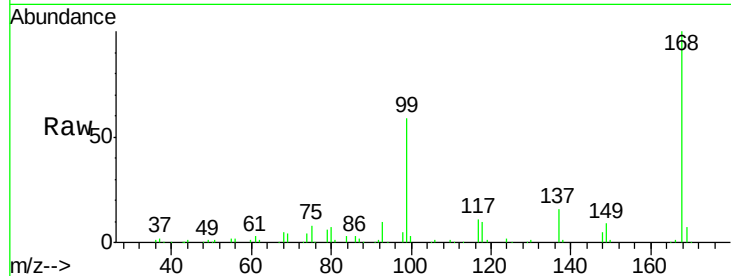
RO-06

Tot Ion:168 Resp: 95567

Ion Ratio Lower Upper

168 100

99 58.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

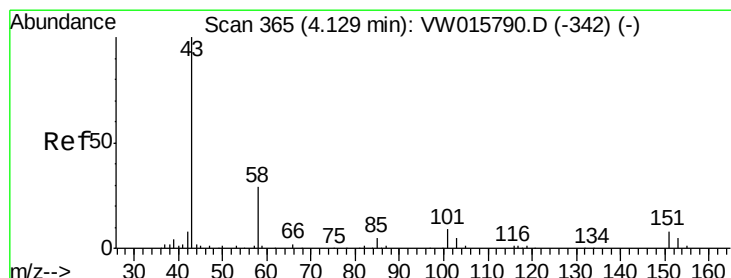
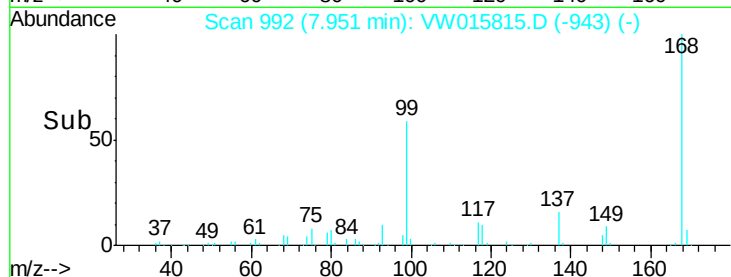
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 22.793 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015815.D

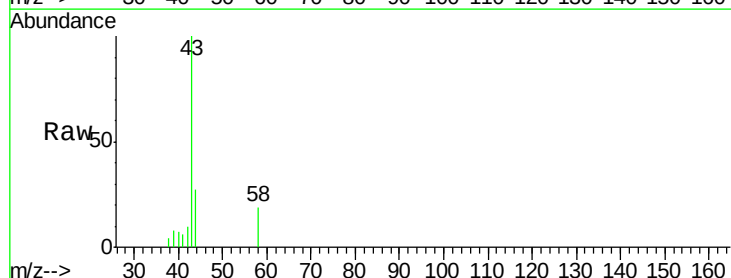
Acq: 08 Jul 2020 17:41

Tgt Ion: 43 Resp: 4197

Ion Ratio Lower Upper

43 100

58 19.2 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

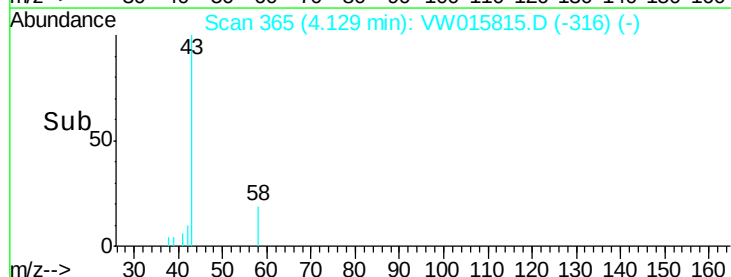
1000

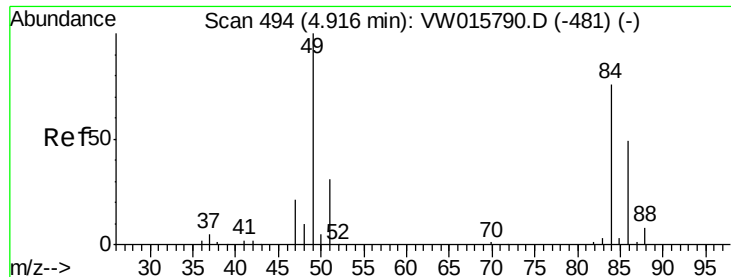
500

0

4.00 4.10 4.20

Time-->

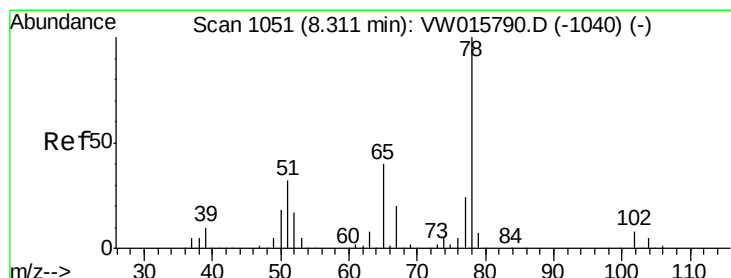
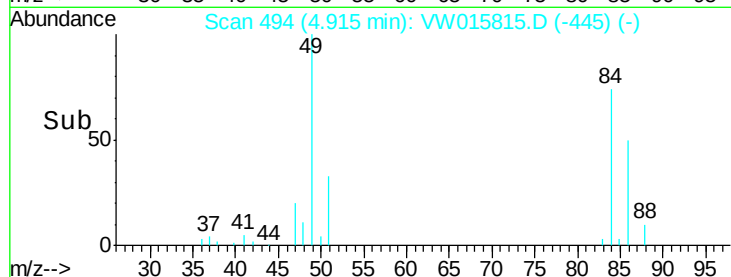
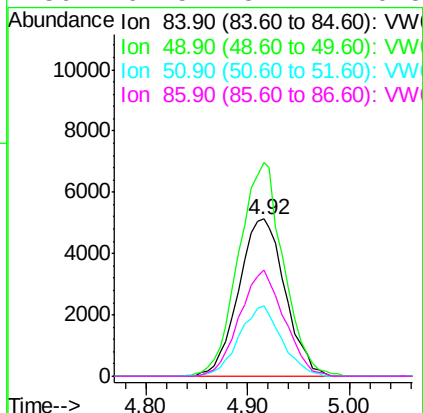
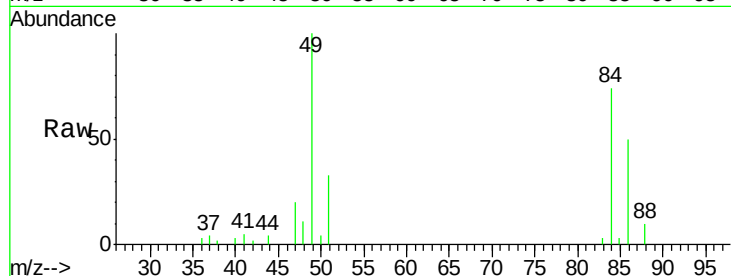




#20
Methylene Chloride
Concen: 13.881 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

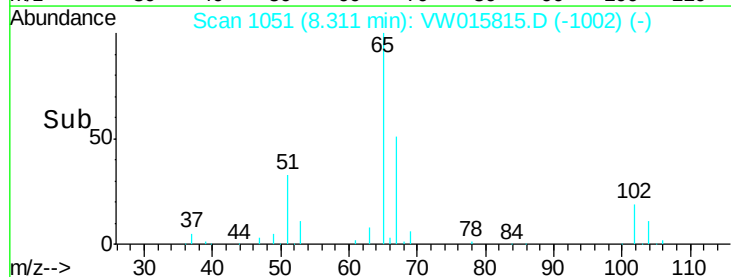
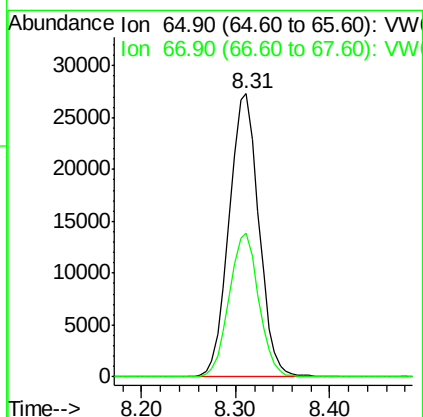
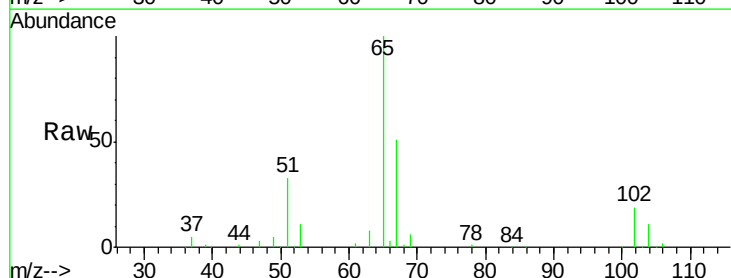
Instrument :
MSVOA_W
ClientSampled :
RO-06

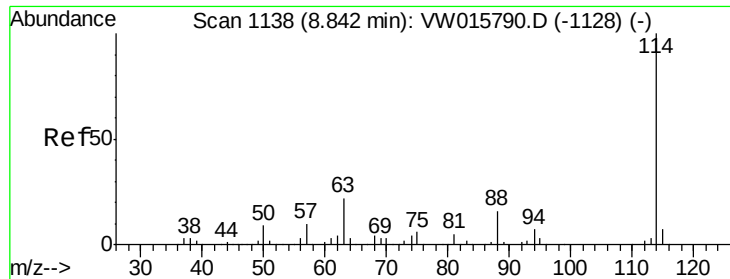
Tot Ion: 84 Resp: 16244
Ion Ratio Lower Upper
84 100
49 135.9 105.0 157.6
51 44.5 32.3 48.5
86 67.5 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 61.122 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion: 65 Resp: 60150
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

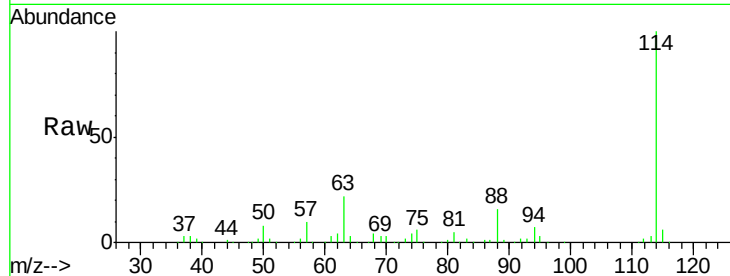




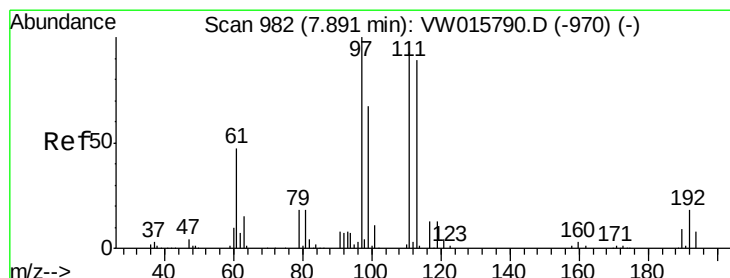
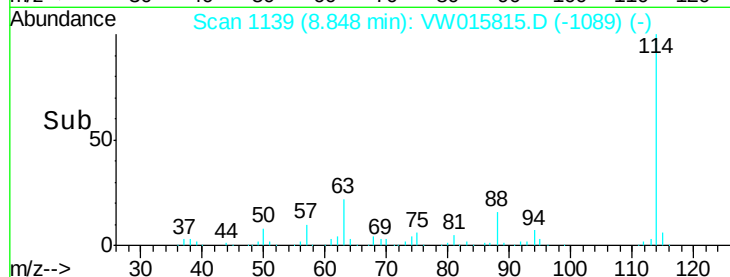
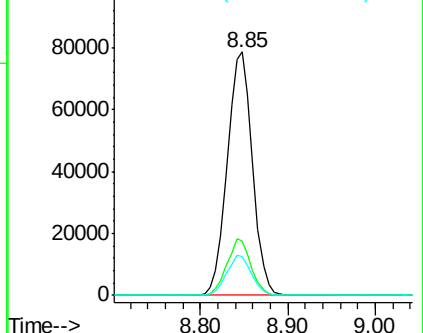
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-06

Tot Ion:114 Resp: 156815
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 15.9 0.0 32.6

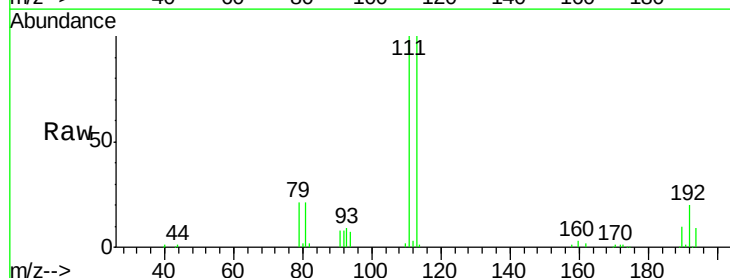


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

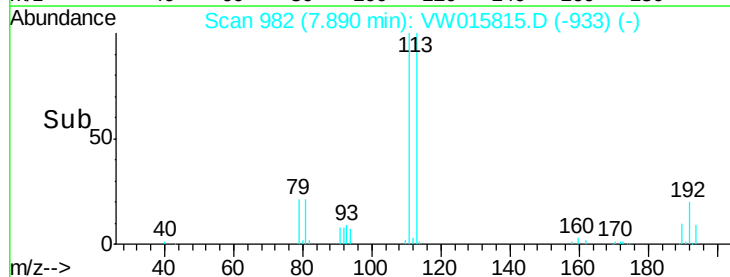
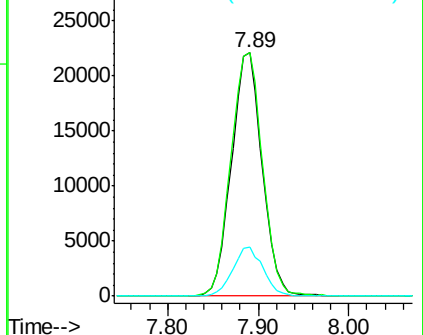


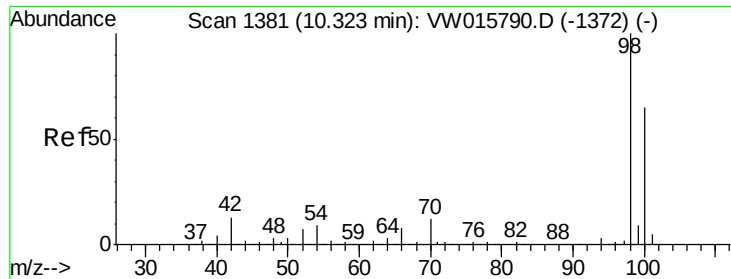
#35
 Dibromofluoromethane
 Concen: 56.590 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015815.D
 Acq: 08 Jul 2020 17:41

Tgt Ion:113 Resp: 51773
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 19.8 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

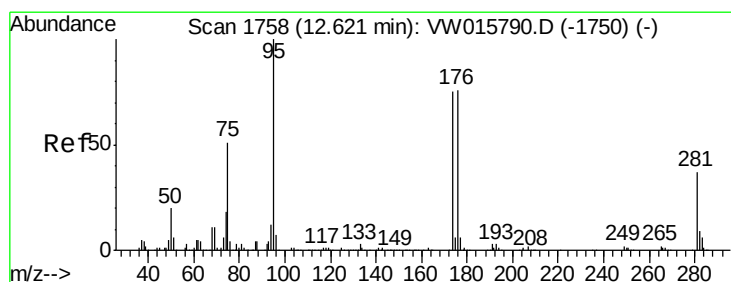
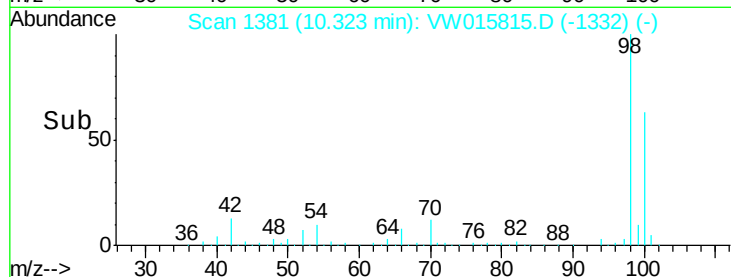
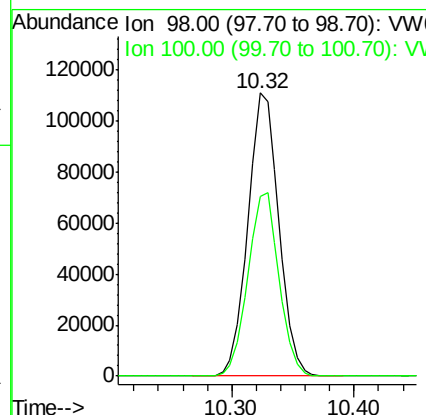
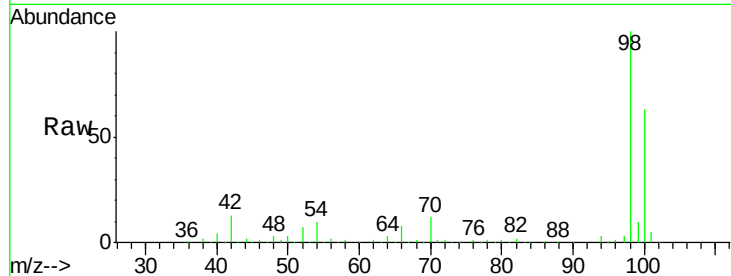




#50
Toluene-d8
Concen: 55.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

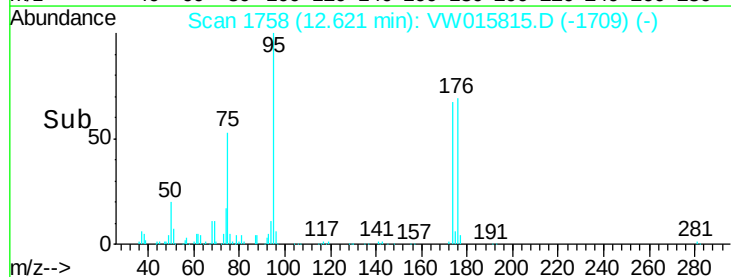
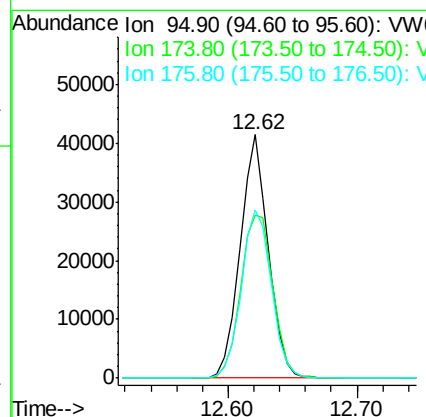
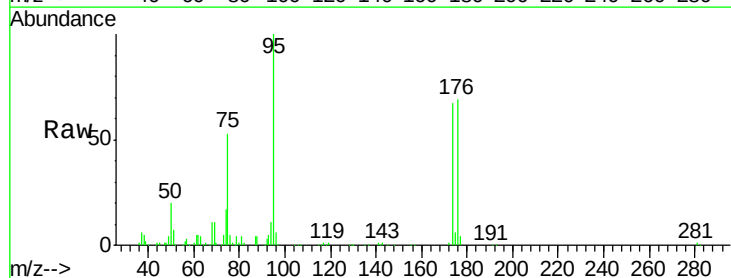
Instrument :
MSVOA_W
ClientSampleId :
RO-06

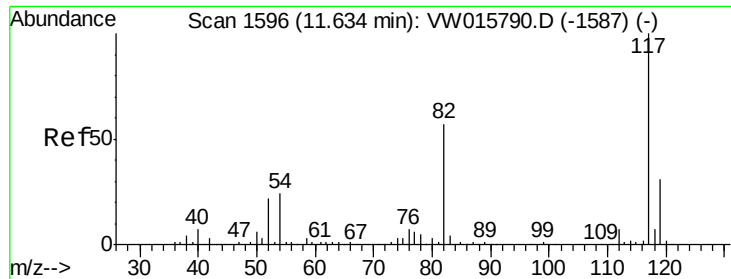
Tot Ion: 98 Resp: 195273
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.582 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion: 95 Resp: 62647
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.2
176 73.6 0.0 148.4

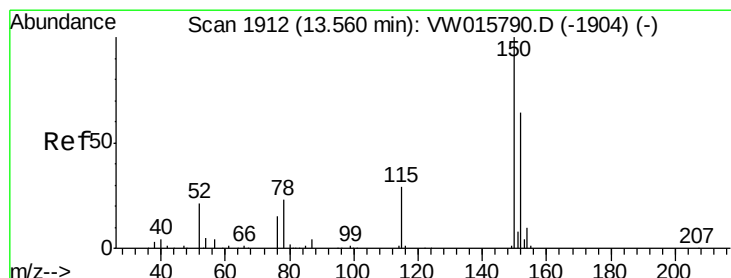
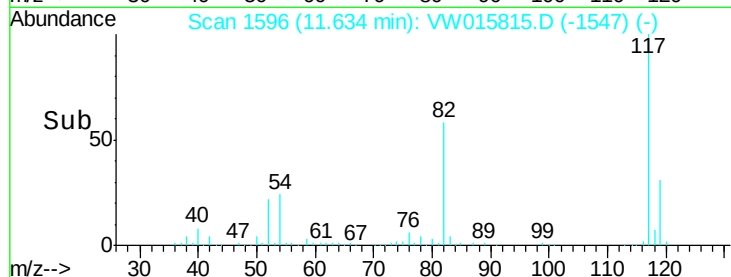
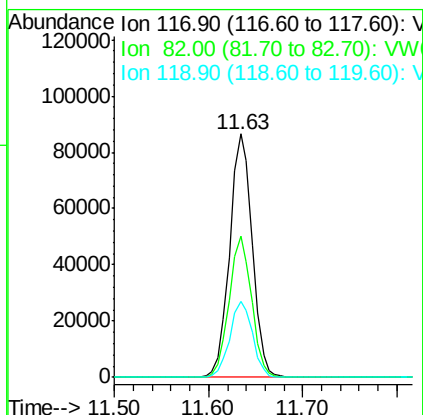
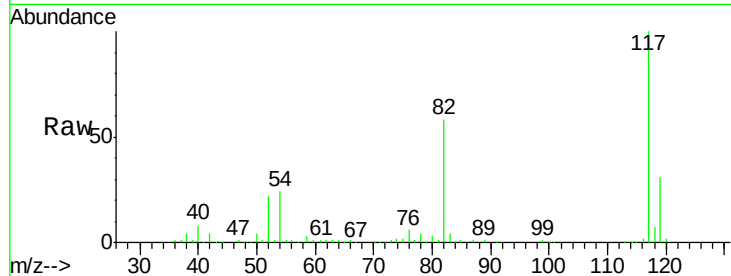




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015815.D
Acq: 08 Jul 2020 17:41

Instrument :
MSVOA_W
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.5	68.3
119	31.4	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: VW015815.D
Acq: 08 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.9	89.7
150	158.9	0.0	350.8

