

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015828.D
 Acq On : 09 Jul 2020 15:03
 Operator : SY/VA
 Sample : L3183-01RE
 Misc : 7.60G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

Quant Time: Jul 10 06:14:27 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

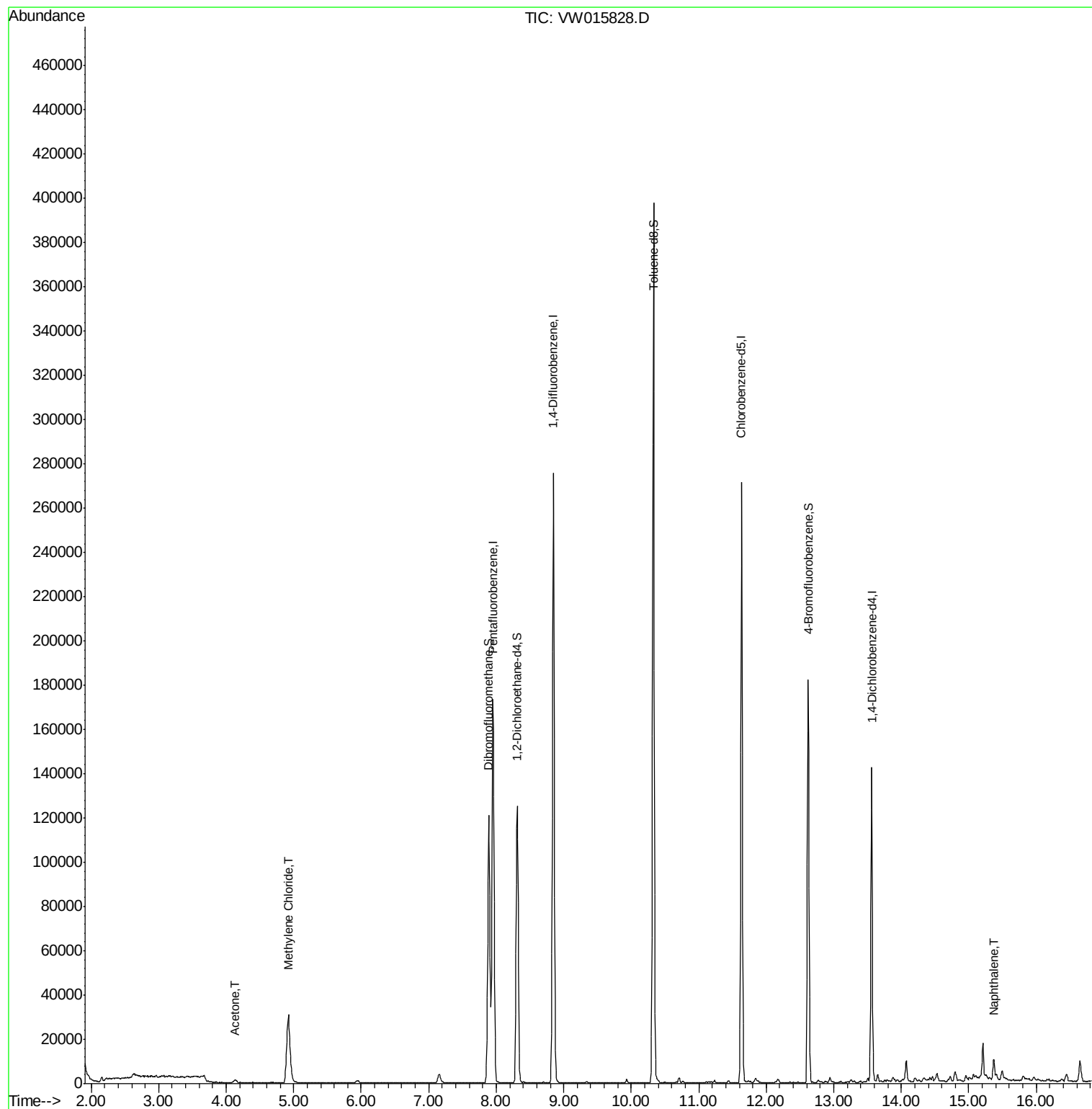
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	219950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99937	78.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.02%	
35) Dibromofluoromethane	7.89	113	84072	65.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.04%	
50) Toluene-d8	10.33	98	262400	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	57996	32.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.14%	
Target Compounds						
16) Acetone	4.12	43	2401	10.017	ug/l #	81
20) Methylene Chloride	4.92	84	25490	17.763	ug/l	94
95) Naphthalene	15.37	128	8211	9.454	ug/l	99

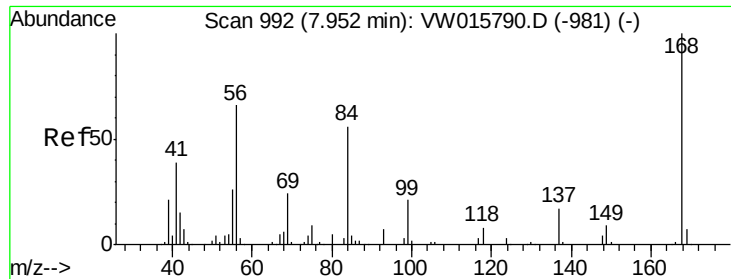
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015828.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

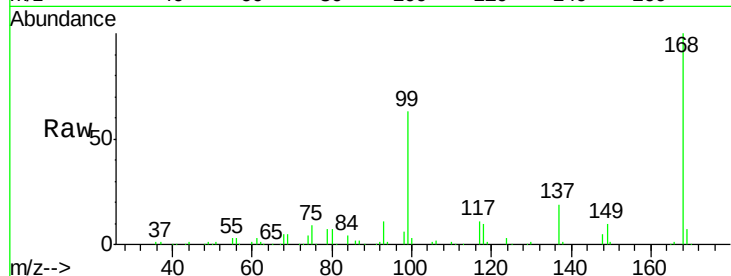
OK-02-070720RE

Tot Ion:168 Resp: 124404

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

7.95

60000

50000

40000

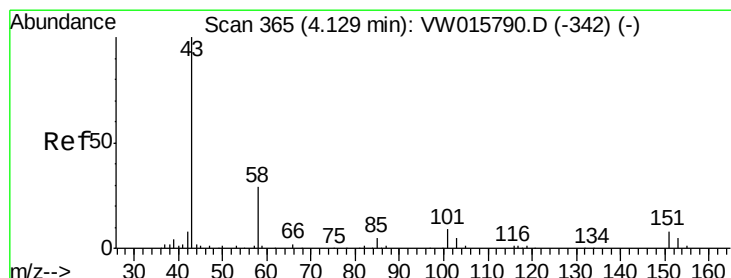
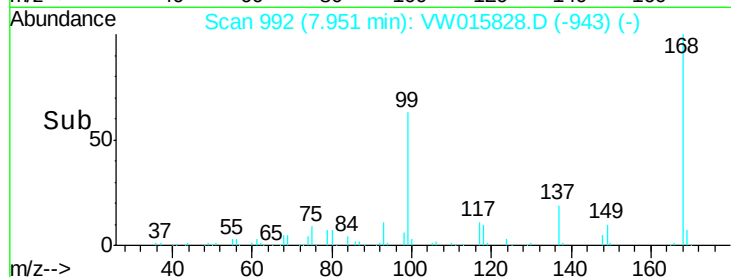
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 10.017 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015828.D

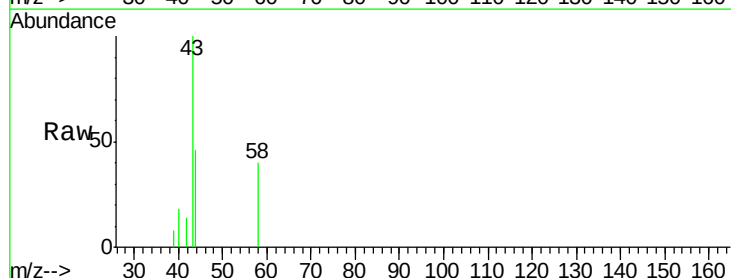
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 2401

Ion Ratio Lower Upper

43 100

58 39.8 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

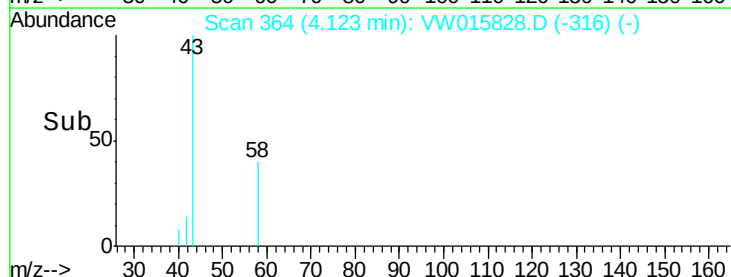
600

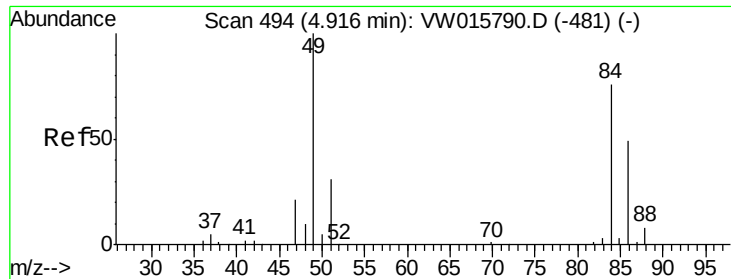
400

200

0

Time-->

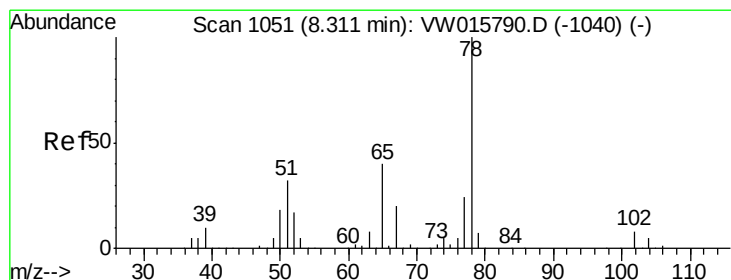
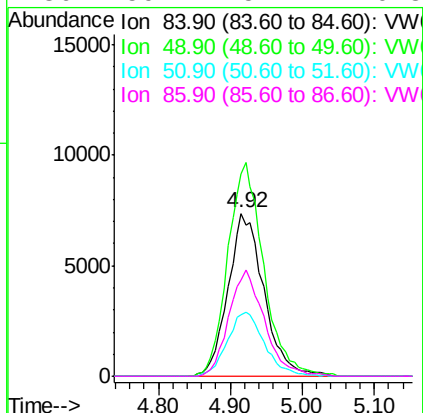
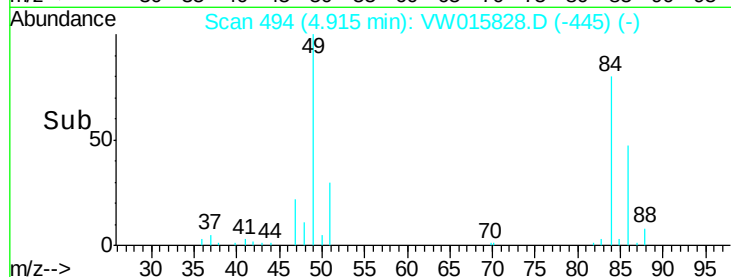
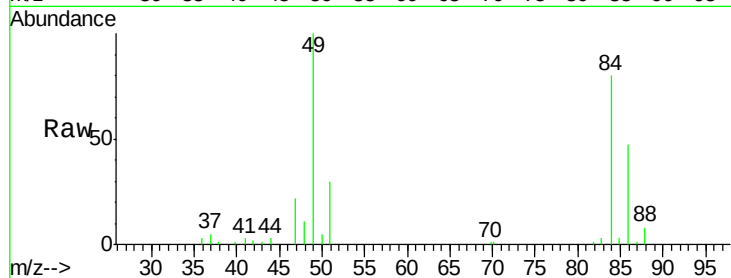




#20
Methylene Chloride
Concen: 17.763 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

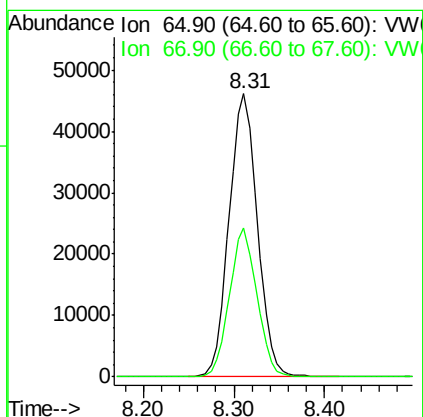
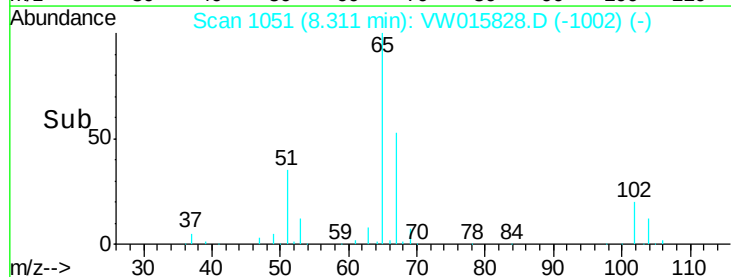
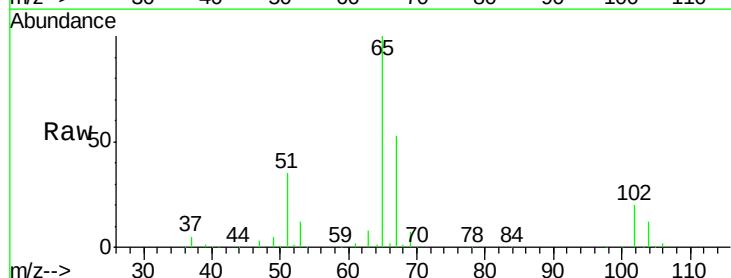
Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720RE

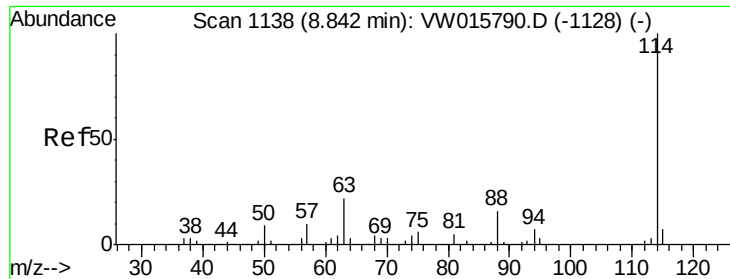
Tot Ion: 84 Resp: 25490
Ion Ratio Lower Upper
84 100
49 124.5 105.0 157.6
51 37.7 32.3 48.5
86 59.1 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 78.012 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 65 Resp: 99937
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4

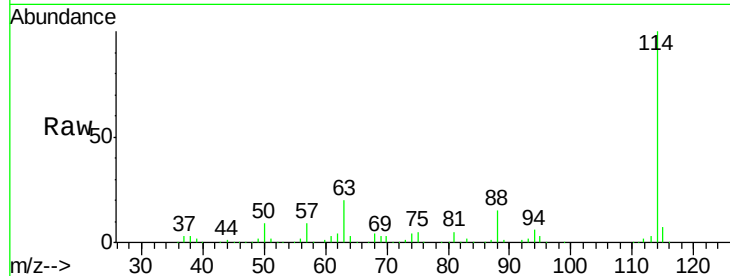




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

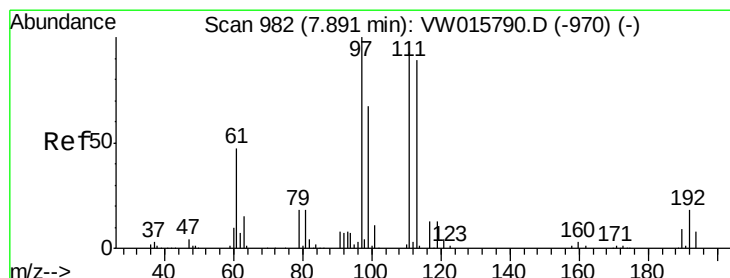
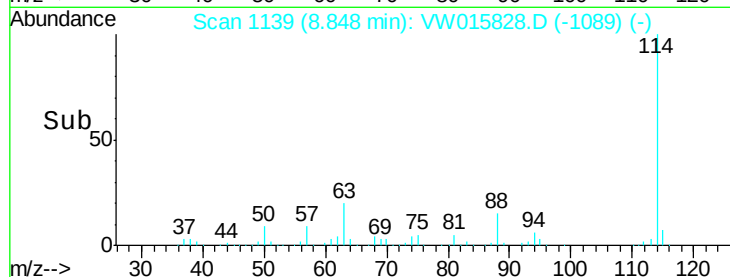
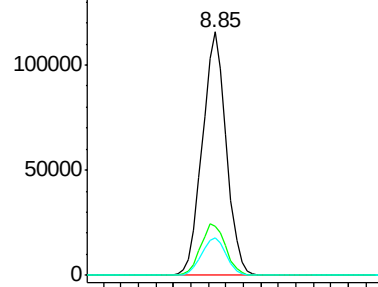
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	44.4
88	15.5	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

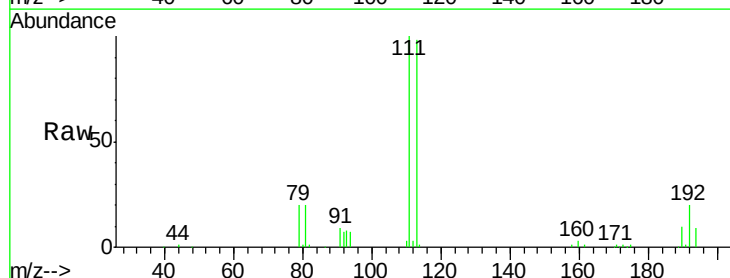
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 65.516 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

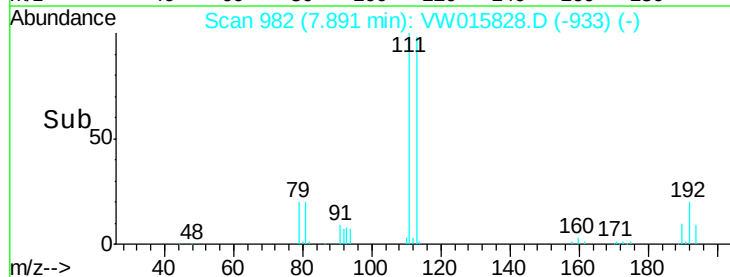
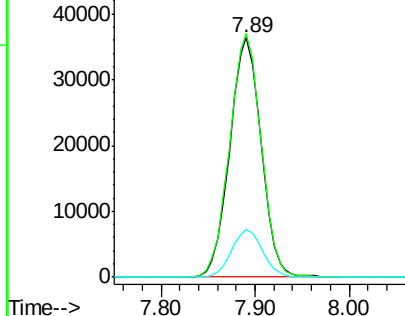
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	19.7	15.4	23.2

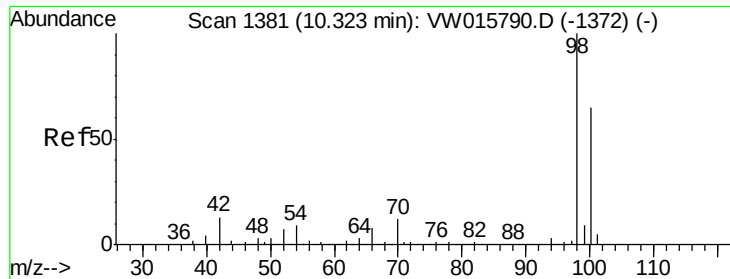


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

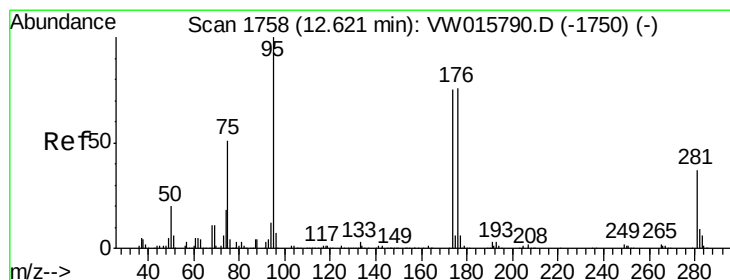
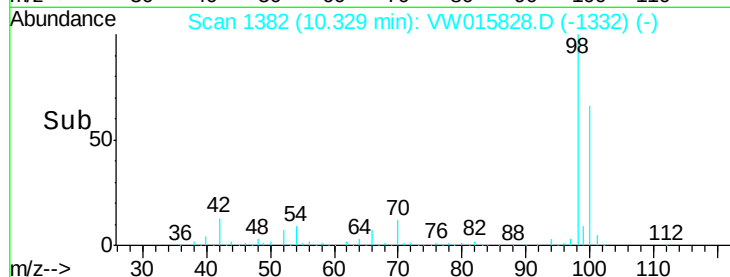
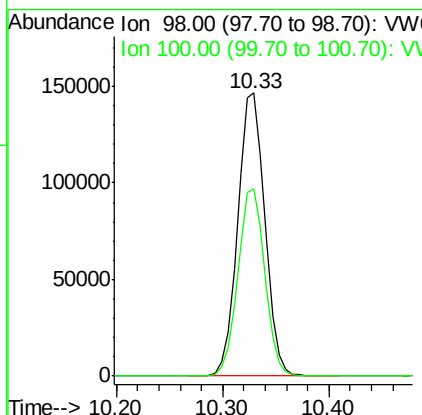
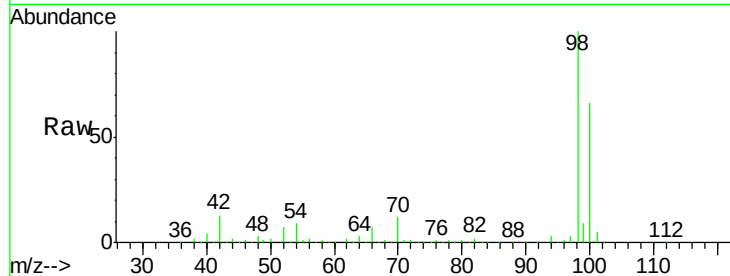




#50
Toluene-d8
Concen: 53.235 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

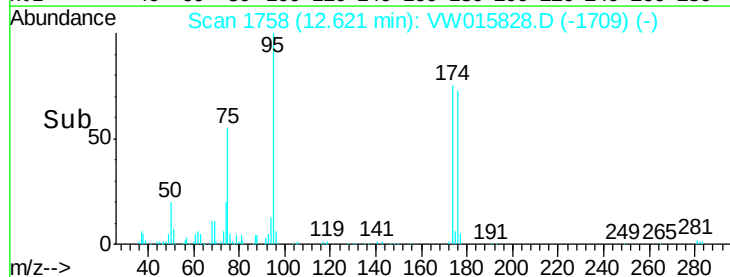
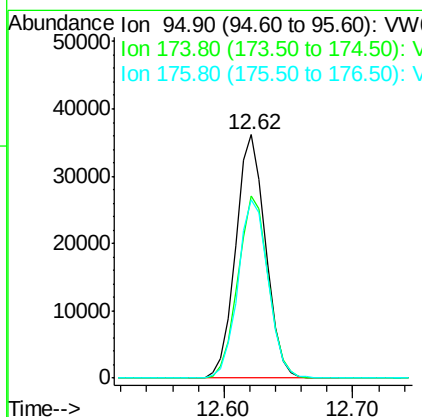
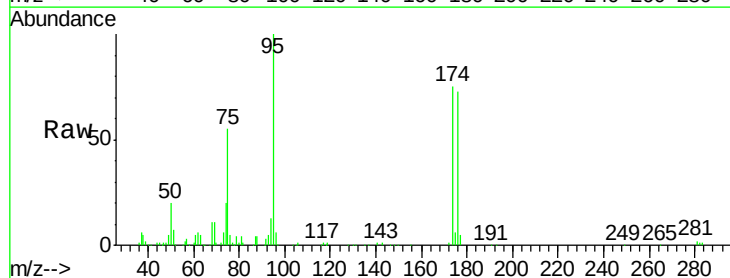
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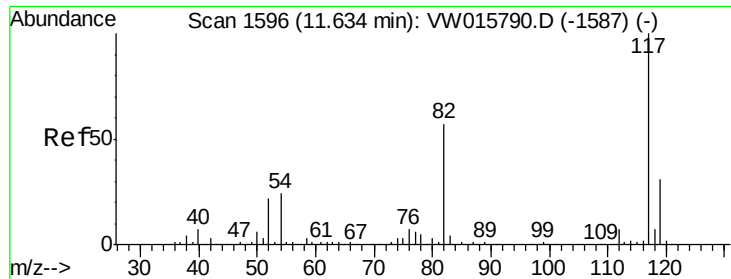
Tot Ion: 98 Resp: 262400
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 32.065 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 95 Resp: 57996
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 74.0 0.0 148.4

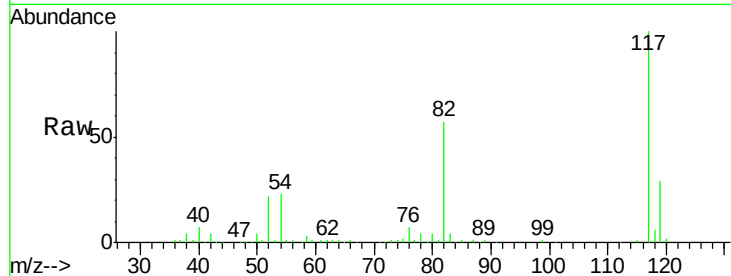




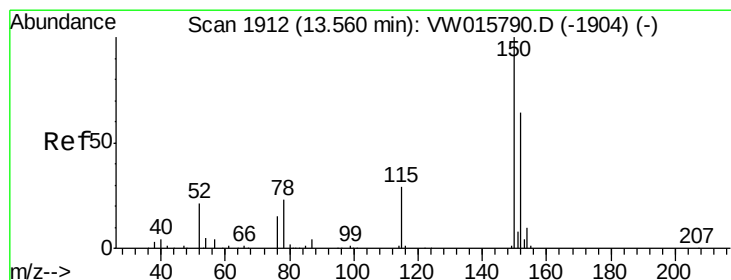
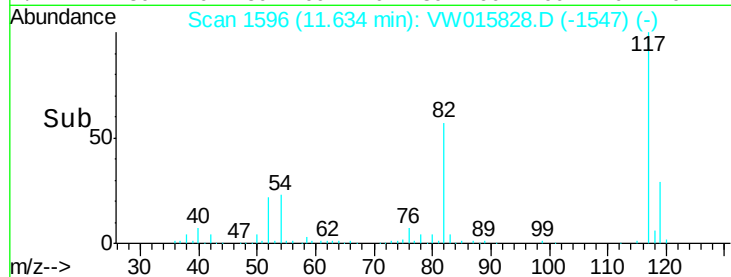
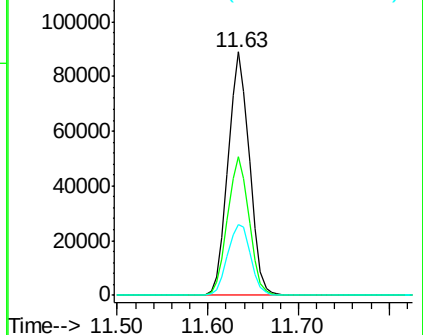
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720RE

Tot Ion:117 Resp: 145571
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 29.3 25.0 37.6

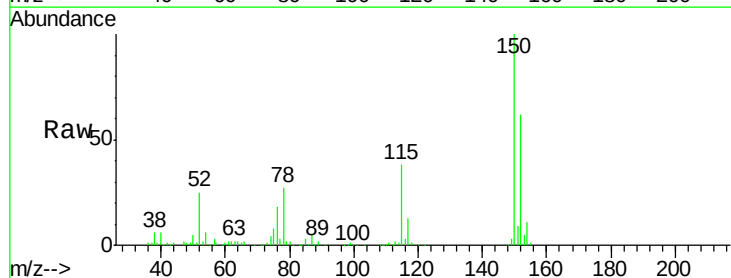


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

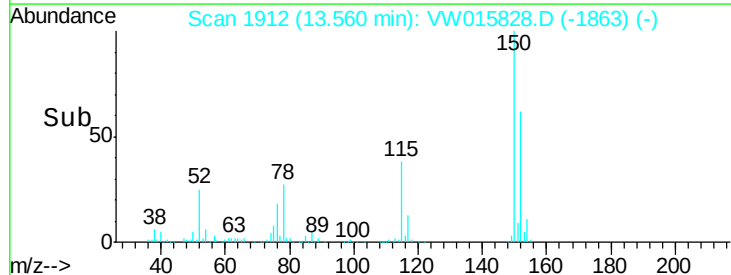
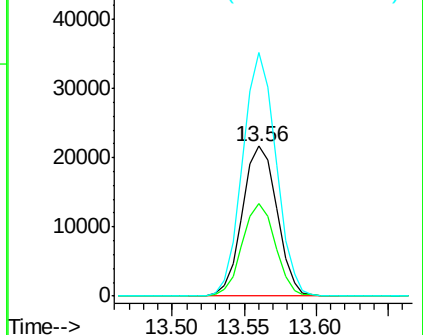


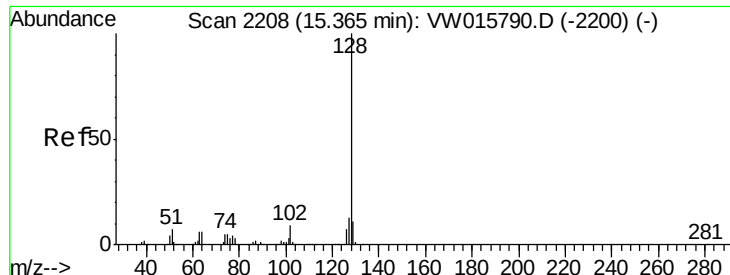
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Tgt Ion:152 Resp: 36106
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 157.0 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: 9.454 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720RE

Tot Ion:128 Resp: 8211
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 12.0 8.7 13.1

