

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015811.D
 Acq On : 08 Jul 2020 15:56
 Operator : SY/VA
 Sample : L3183-01
 Misc : 6.95G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720

Quant Time: Jul 09 05:12:32 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

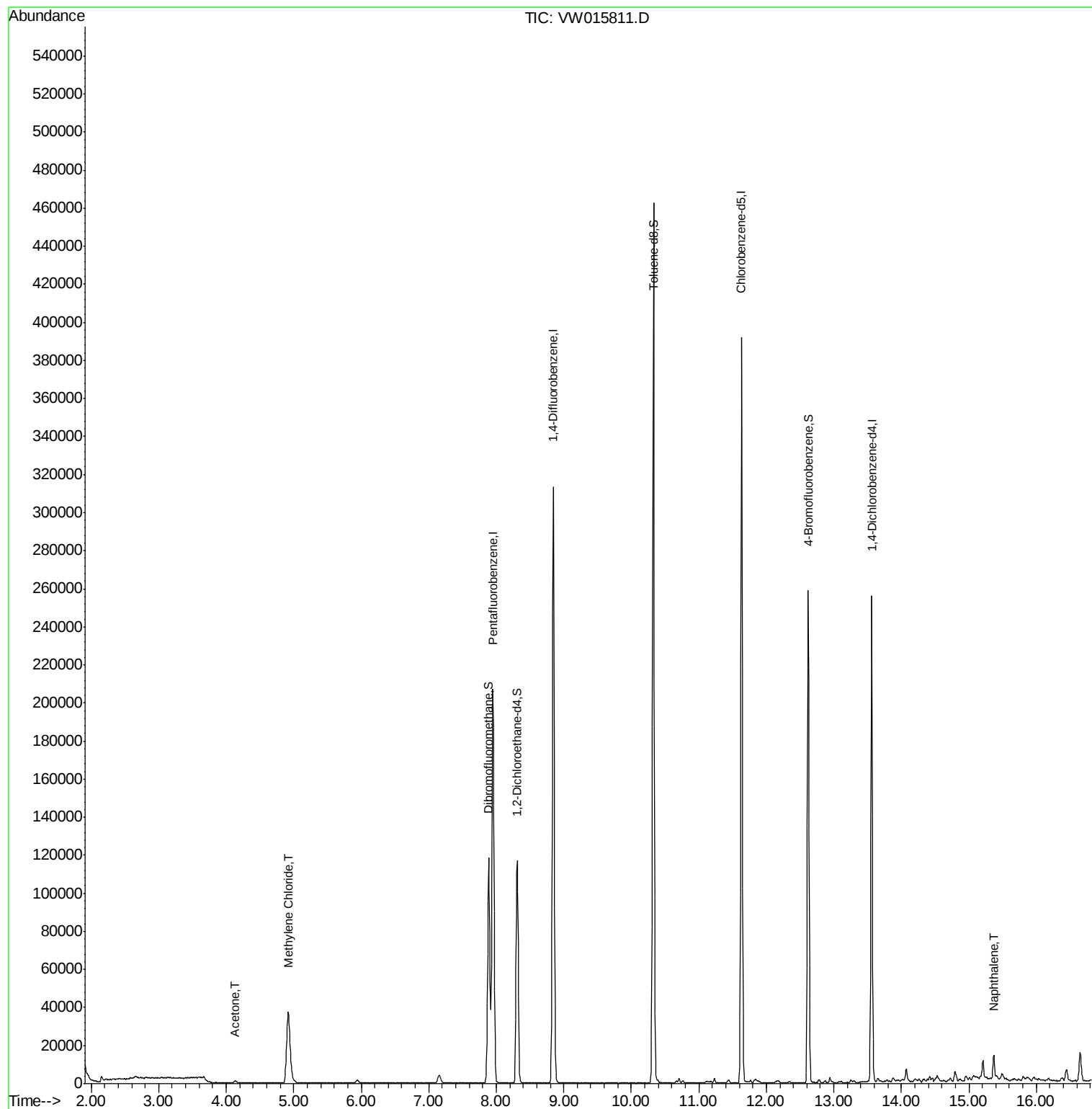
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	149257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	261496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95113	61.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.76%	
35) Dibromofluoromethane	7.89	113	83942	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
50) Toluene-d8	10.33	98	303648	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	81331	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
16) Acetone	4.13	43	2058	7.156	ug/l	90
20) Methylene Chloride	4.92	84	33091	19.631	ug/l	97
95) Naphthalene	15.36	128	10740	7.794	ug/l	98

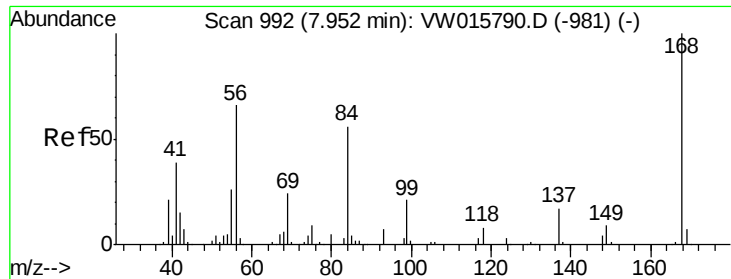
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

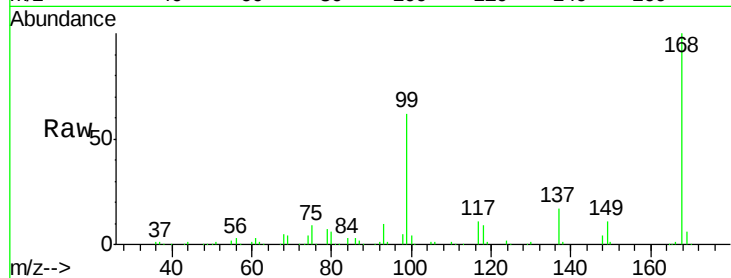
OK-02-070720

Tot Ion:168 Resp: 149257

Ion Ratio Lower Upper

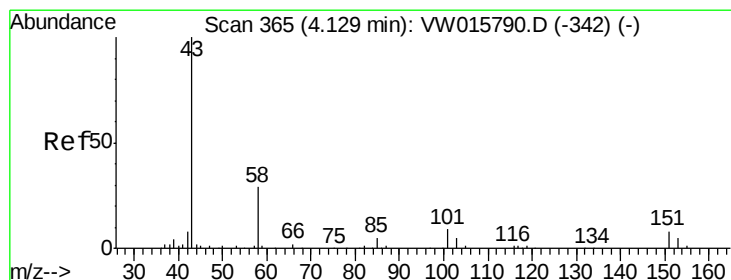
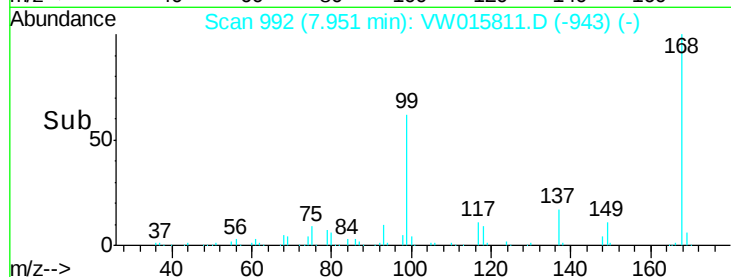
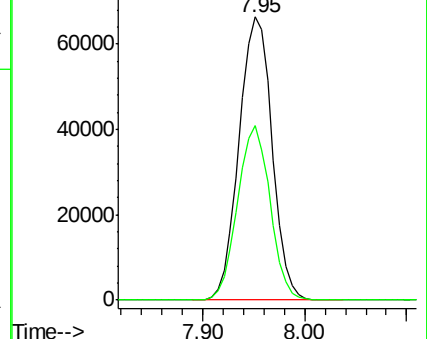
168 100

99 61.9 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: 7.156 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015811.D

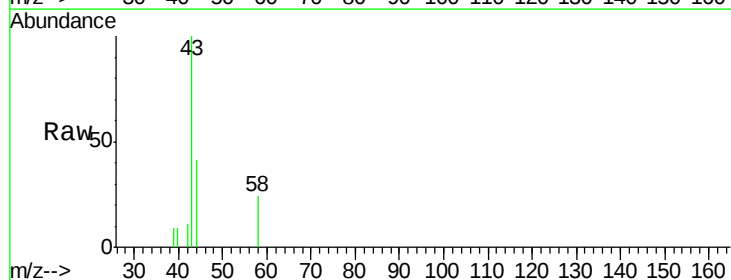
Acq: 08 Jul 2020 15:56

Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

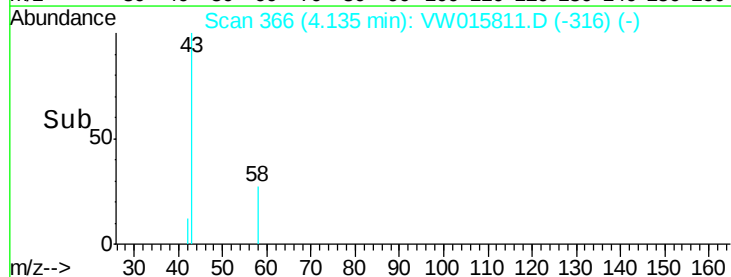
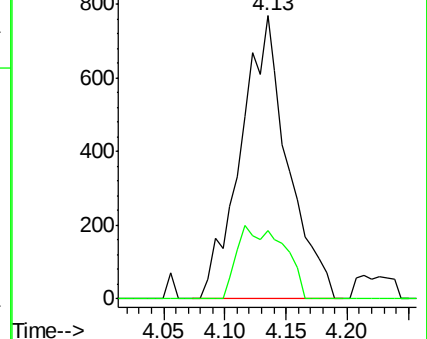
43 100

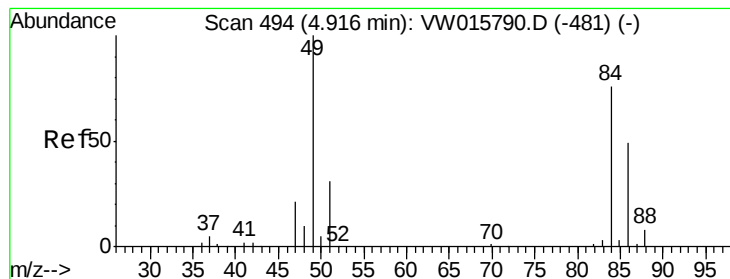
58 24.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 19.631 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

OK-02-070720

Tot Ion: 84 Resp: 33091

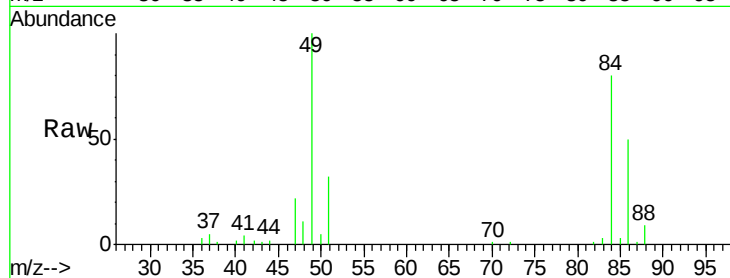
Ion Ratio Lower Upper

84 100

49 125.4 105.0 157.6

51 39.9 32.3 48.5

86 62.7 51.2 76.8

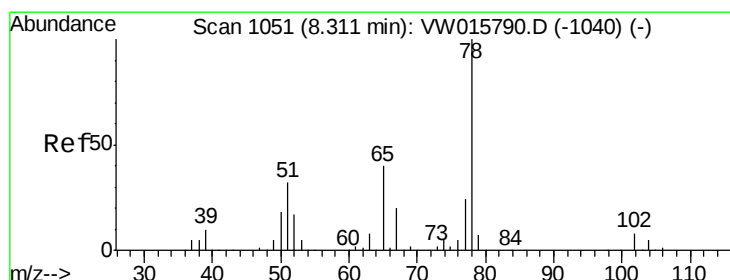
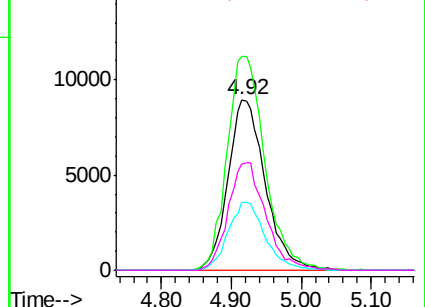
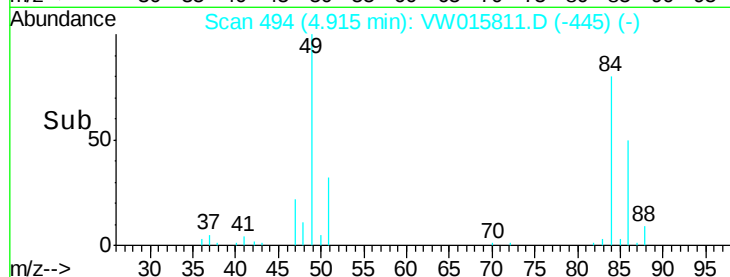


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 61.883 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015811.D

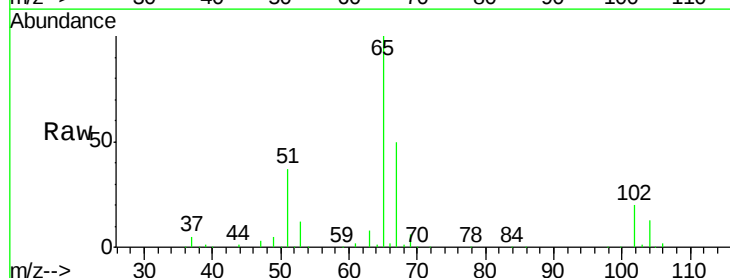
Acq: 08 Jul 2020 15:56

Tgt Ion: 65 Resp: 95113

Ion Ratio Lower Upper

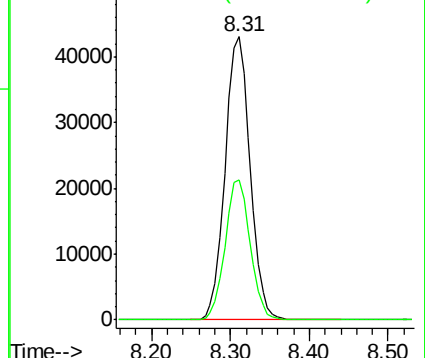
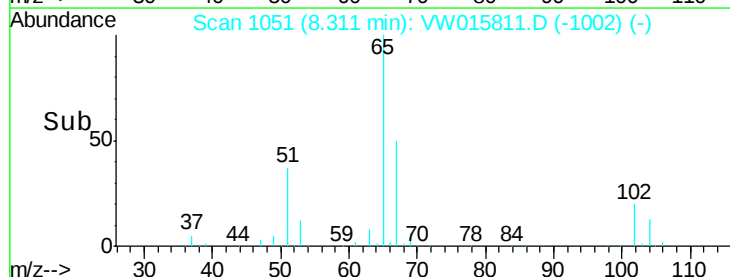
65 100

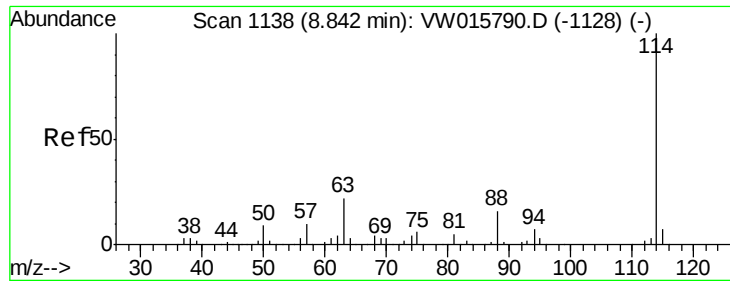
67 49.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

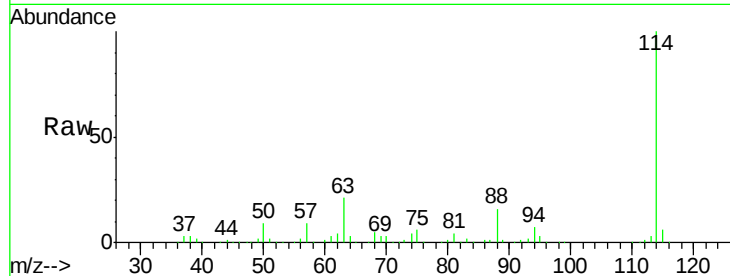




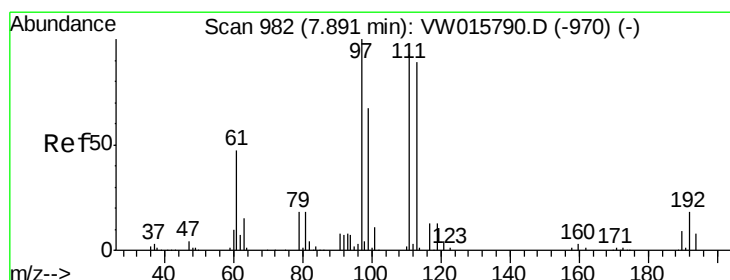
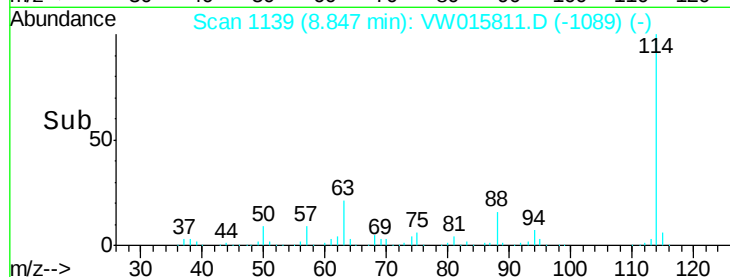
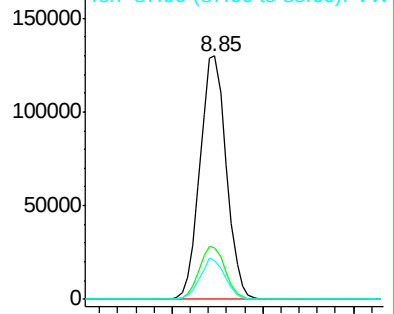
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.4
88	16.1	0.0	32.6

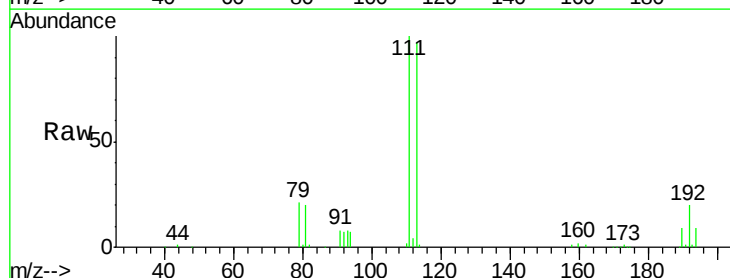


Abundance Ion 113.90 (113.60 to 114.60): V

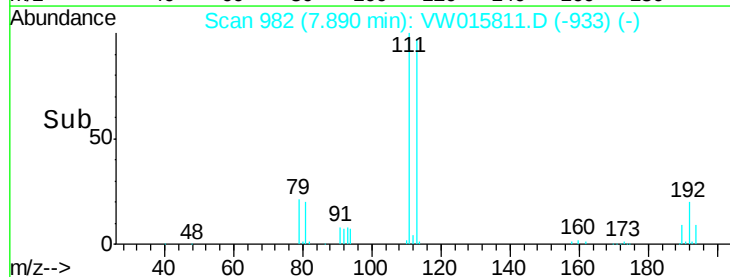
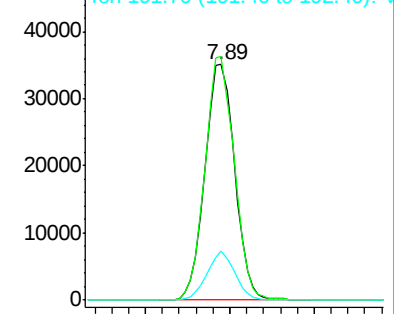


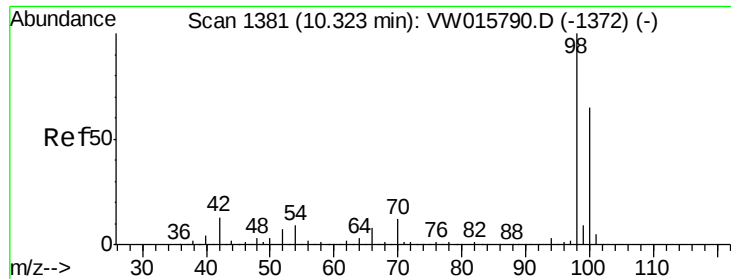
#35
 Dibromofluoromethane
 Concen: 55.022 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	19.2	15.4	23.2



Abundance Ion 112.80 (112.50 to 113.50): V

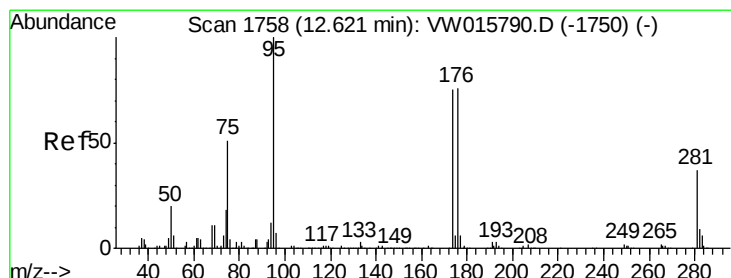
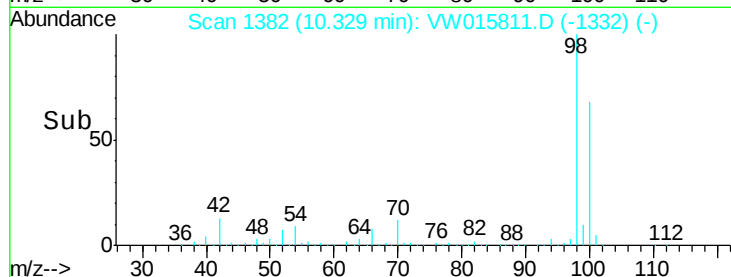
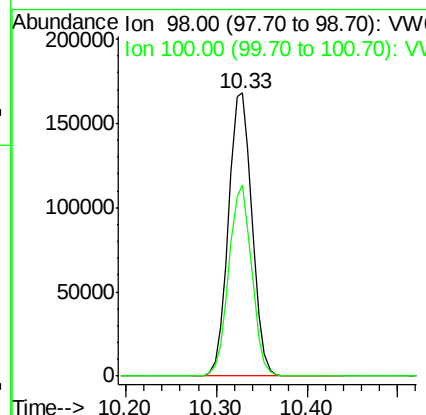
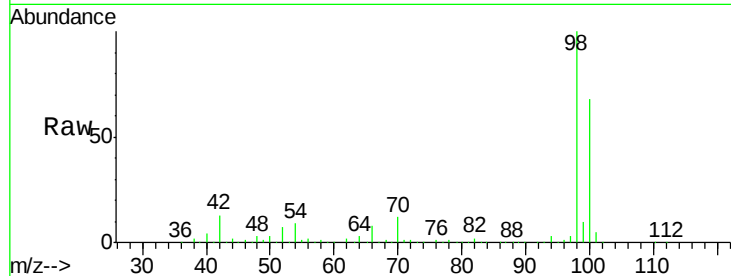




#50
Toluene-d8
Concen: 51.816 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

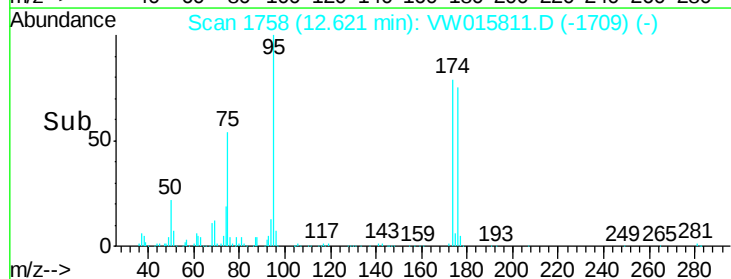
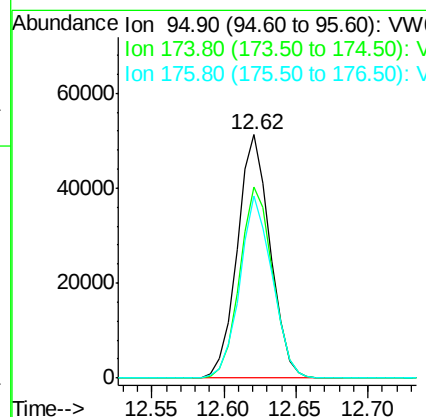
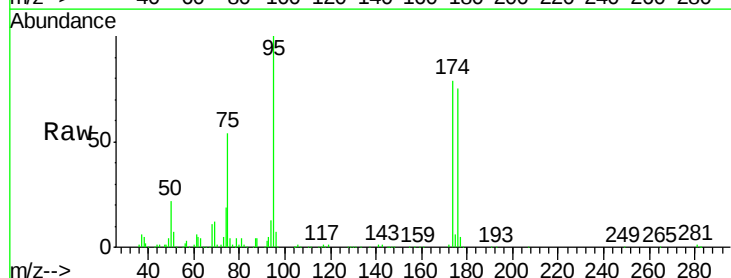
Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

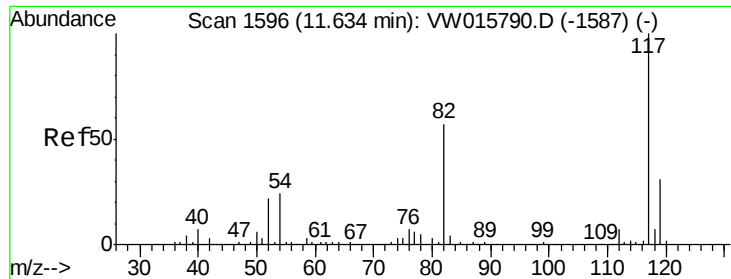
Tot Ion: 98 Resp: 303648
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 37.822 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Tgt Ion: 95 Resp: 81331
Ion Ratio Lower Upper
95 100
174 78.7 0.0 150.2
176 73.8 0.0 148.4

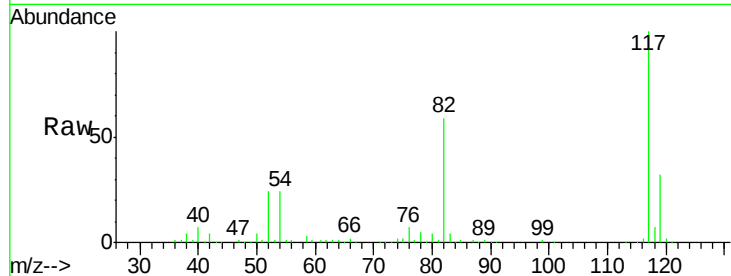




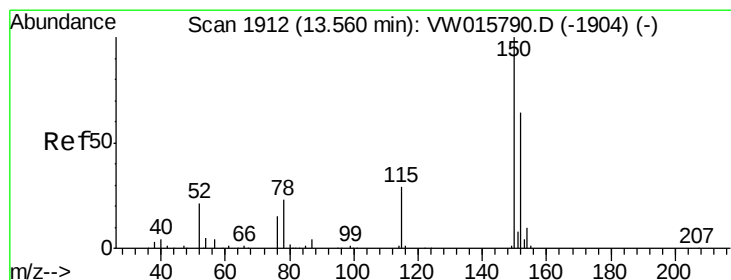
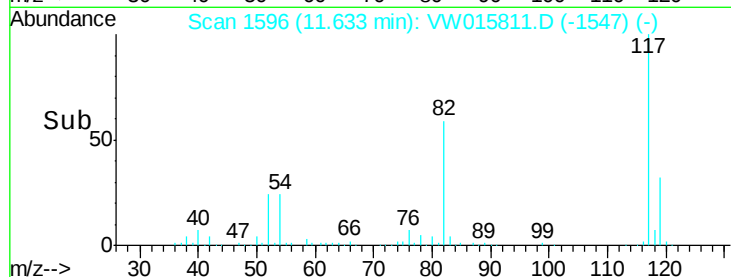
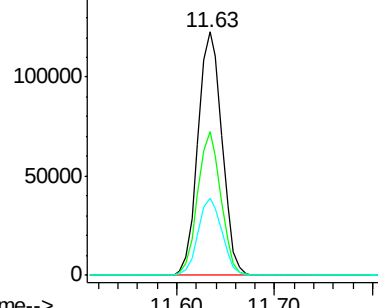
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

Tot Ion:117 Resp: 209854
Ion Ratio Lower Upper
117 100
82 59.1 45.5 68.3
119 31.7 25.0 37.6

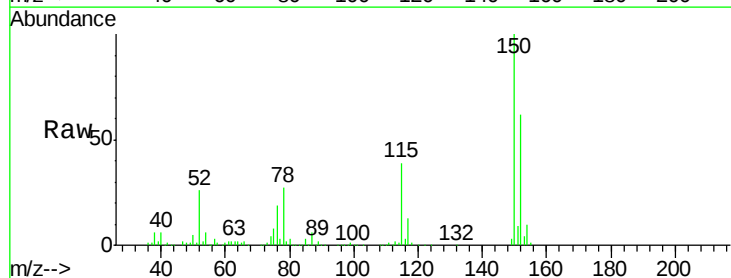


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

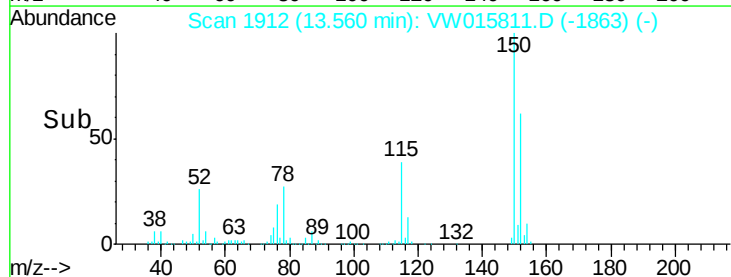
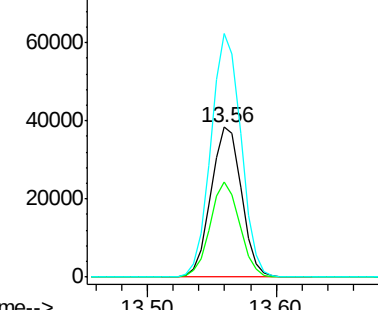


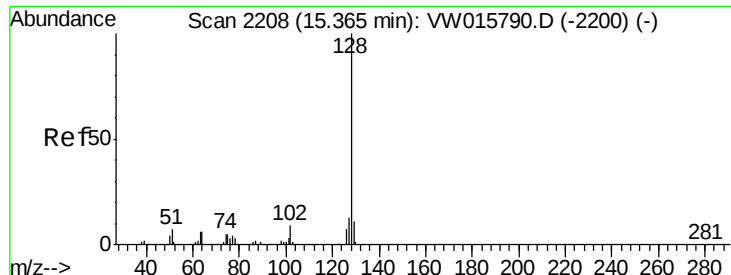
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Tgt Ion:152 Resp: 62957
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 159.5 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: 7.794 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.6	16.0
129	11.3	8.7	13.1

