

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015819.D
 Acq On : 08 Jul 2020 19:26
 Operator : SY/VA
 Sample : L3186-01
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820

Quant Time: Jul 09 05:36:31 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

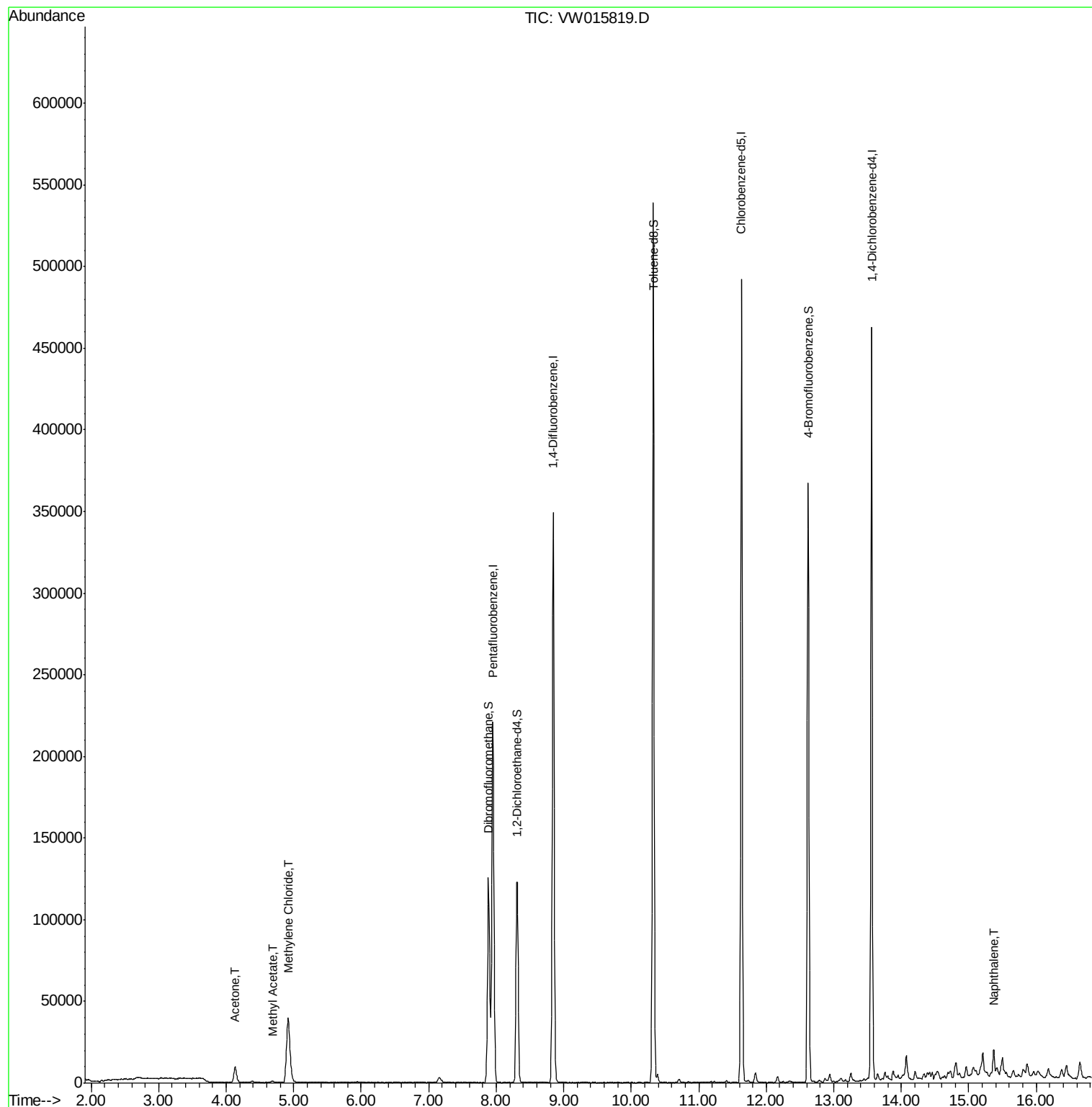
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101210	60.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.98%	
35) Dibromofluoromethane	7.89	113	89089	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	10.32	98	348794	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.62	95	117724	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
16) Acetone	4.14	43	17611	56.716	ug/l	98
18) Methyl Acetate	4.68	43	2073	2.934	ug/l	94
20) Methylene Chloride	4.92	84	34080	18.494	ug/l	97
95) Naphthalene	15.37	128	13407	6.208	ug/l	98

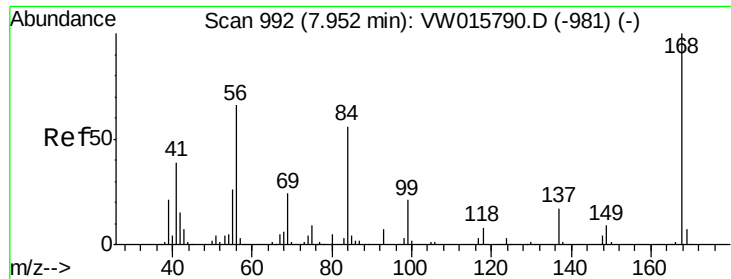
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

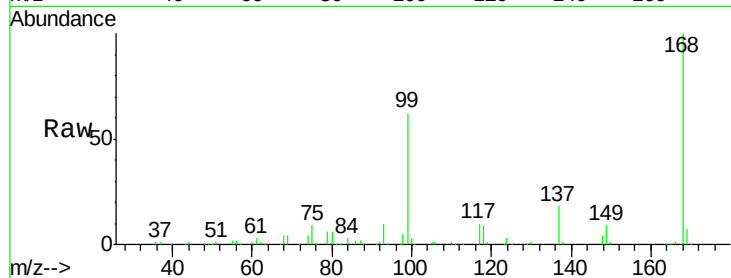
OR-02-070820

Tot Ion:168 Resp: 161157

Ion Ratio Lower Upper

168 100

99 62.4 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

80000

60000

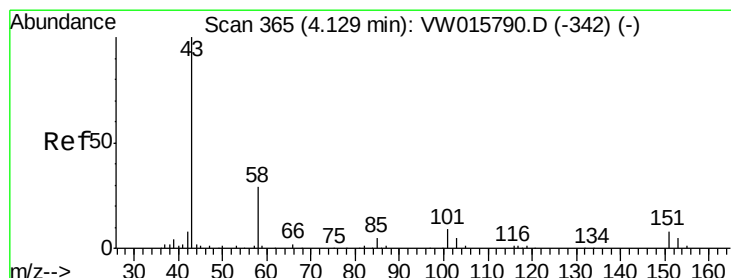
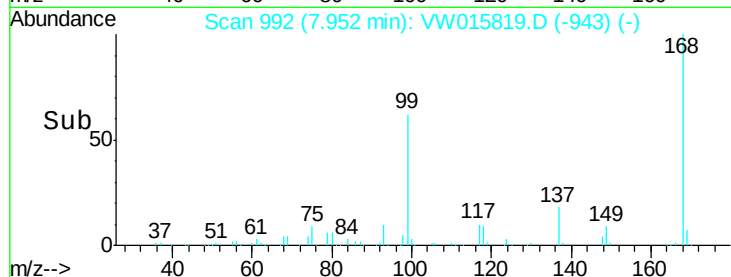
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 56.716 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015819.D

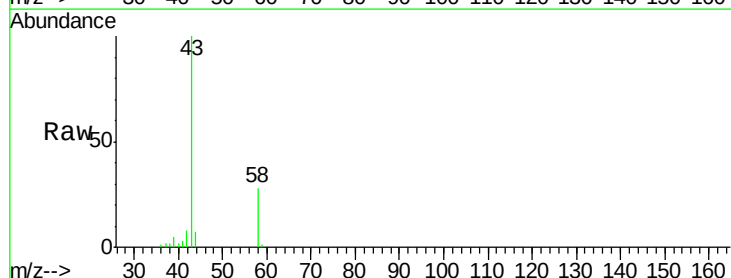
Acq: 08 Jul 2020 19:26

Tgt Ion: 43 Resp: 17611

Ion Ratio Lower Upper

43 100

58 28.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

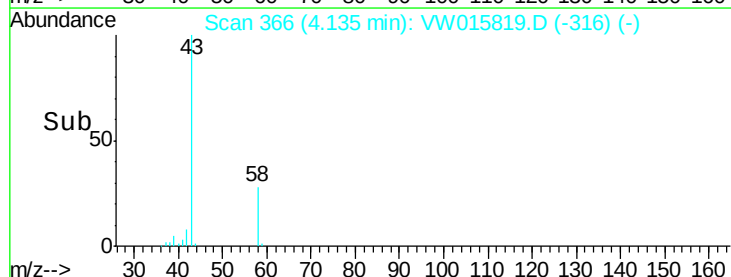
4000

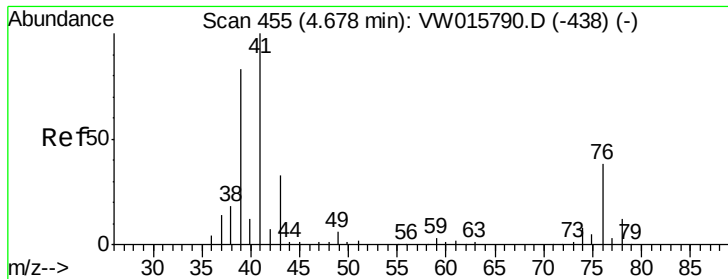
2000

0

4.00 4.10 4.20

Time-->





#18

Methyl Acetate

Concen: 2.934 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

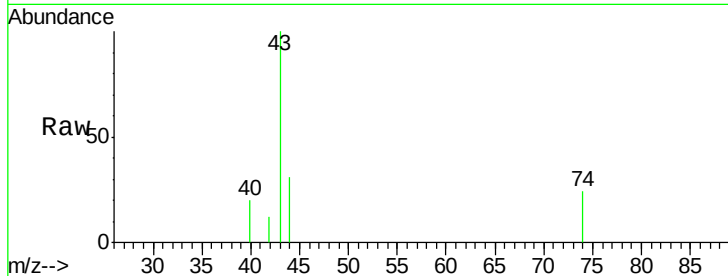
OR-02-070820

Tot Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

74 21.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

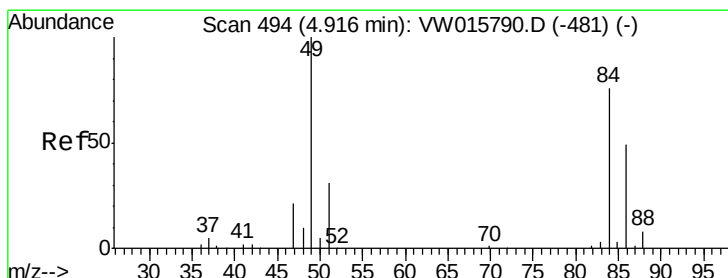
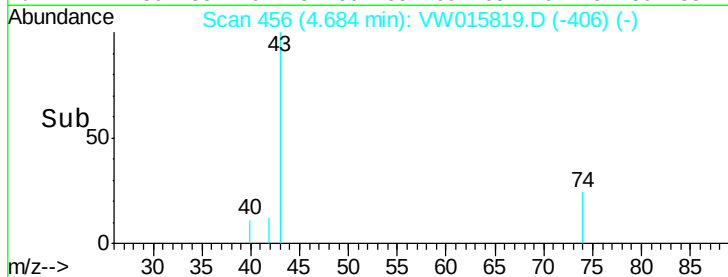
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 18.494 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

Tgt Ion: 84 Resp: 34080

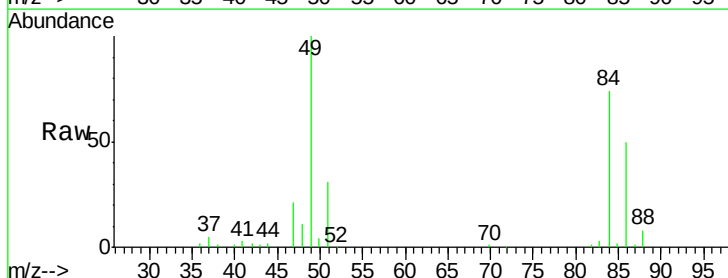
Ion Ratio Lower Upper

84 100

49 134.5 105.0 157.6

51 41.3 32.3 48.5

86 67.0 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

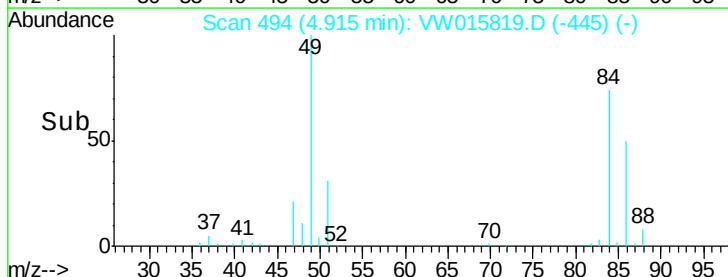
15000

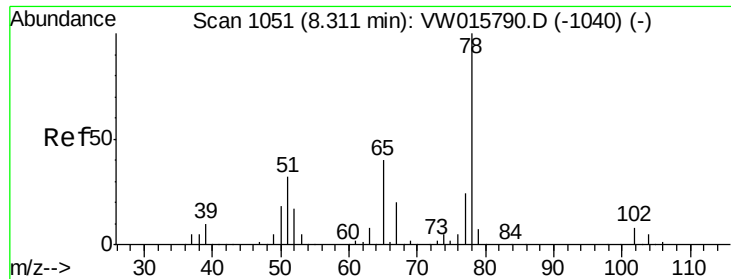
10000

5000

0

Time-->

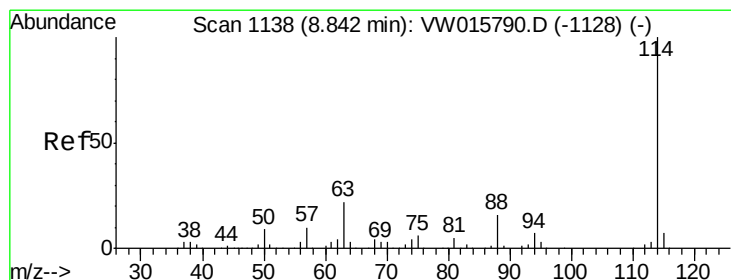
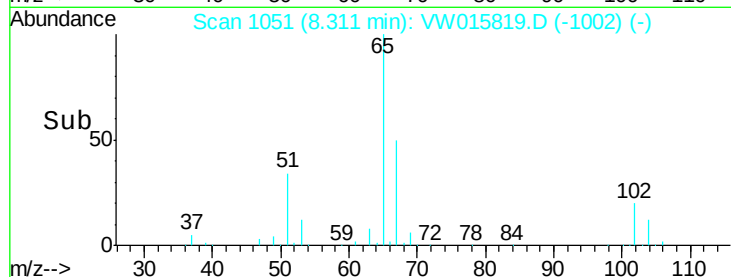
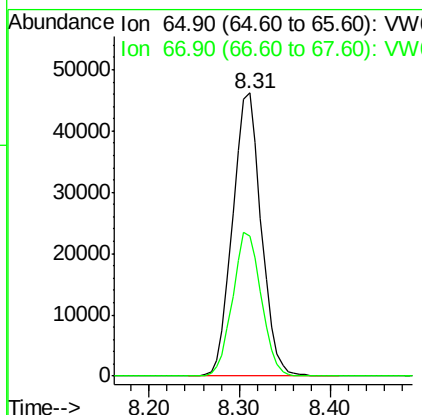
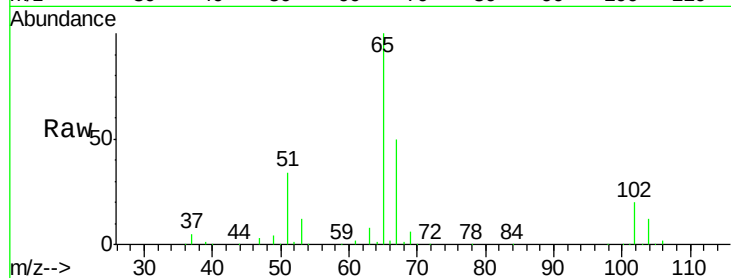




#33
 1,2-Dichloroethane-d4
 Concen: 60.988 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

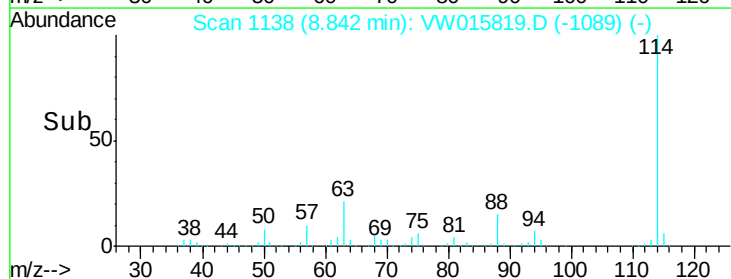
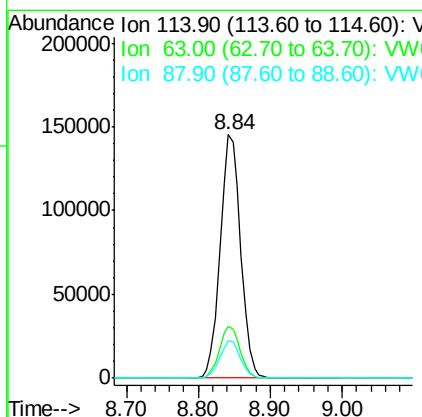
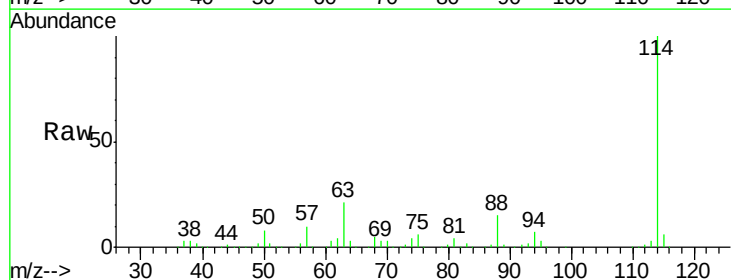
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820

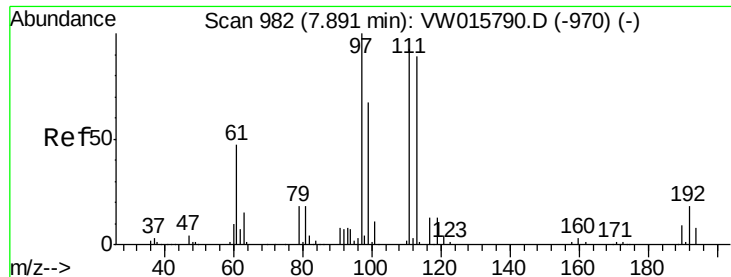
Tot Ion: 65 Resp: 101210
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

Tgt Ion: 114 Resp: 286385
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.4
 88 15.4 0.0 32.6

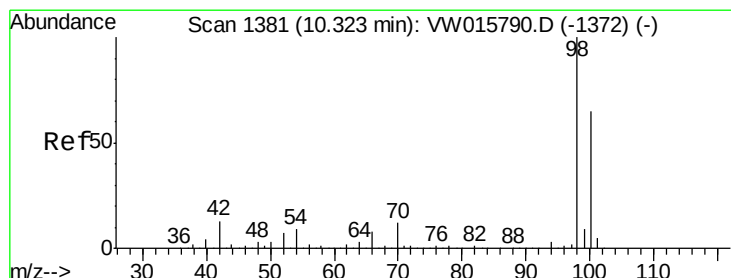
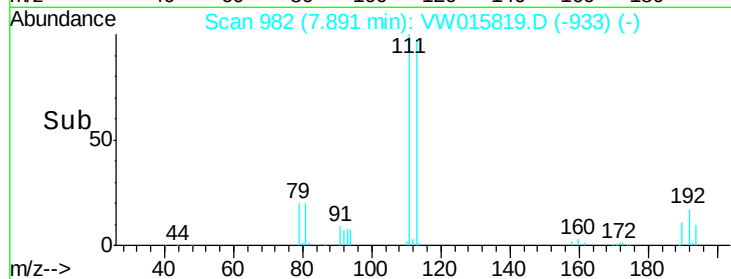
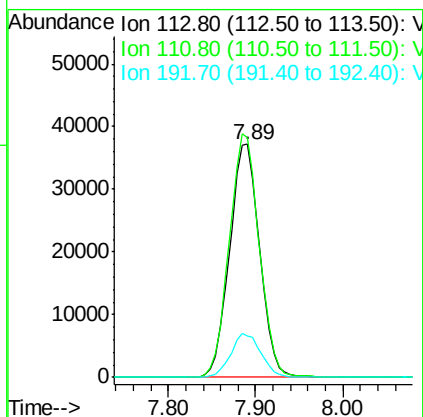
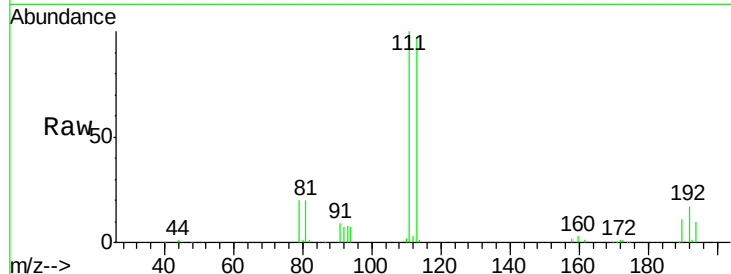




#35
 Dibromofluoromethane
 Concen: 53.321 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

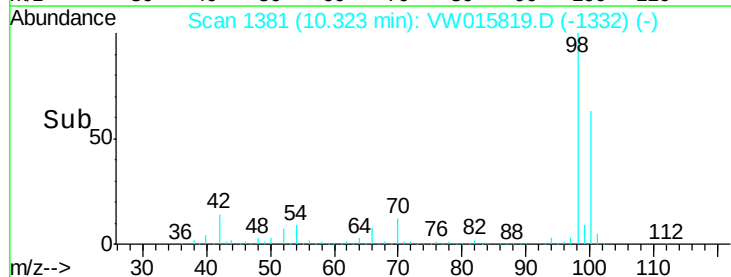
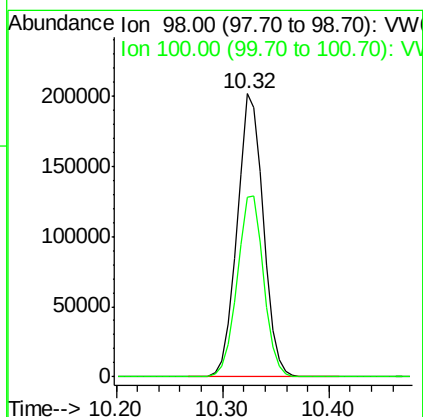
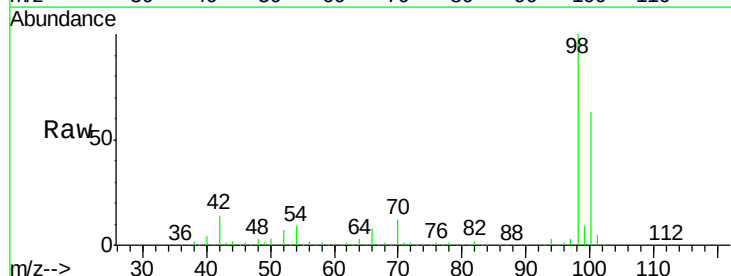
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070820

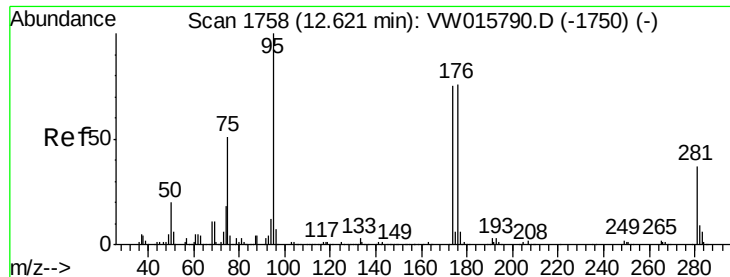
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	18.8	15.4	23.2



#50
 Toluene-d8
 Concen: 54.347 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015819.D
 Acq: 08 Jul 2020 19:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	79.0

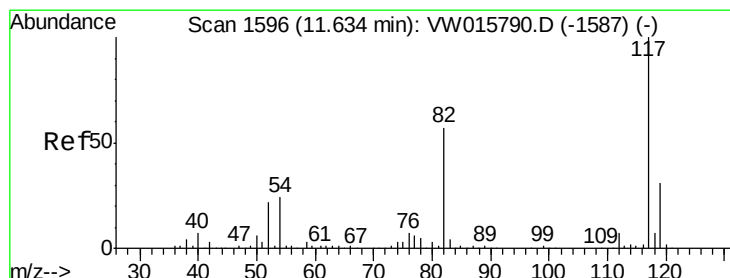
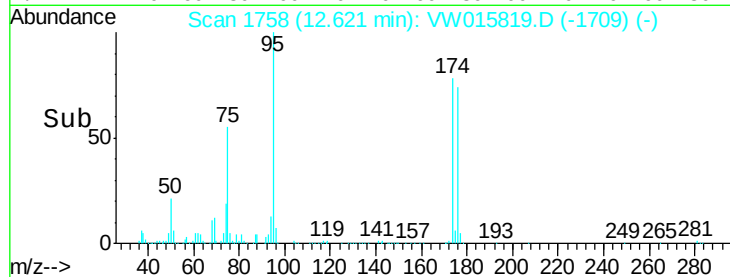
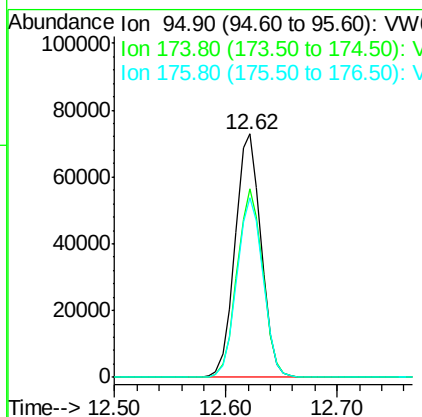
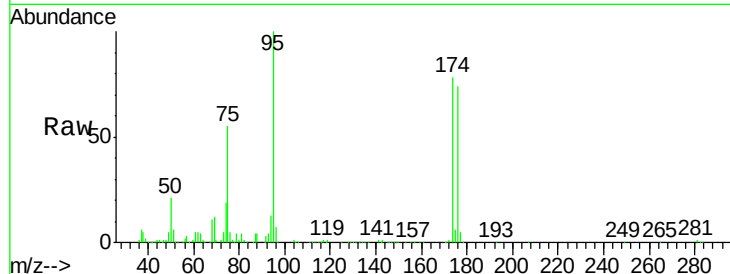




#62
4-Bromofluorobenzene
Concen: 49.989 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

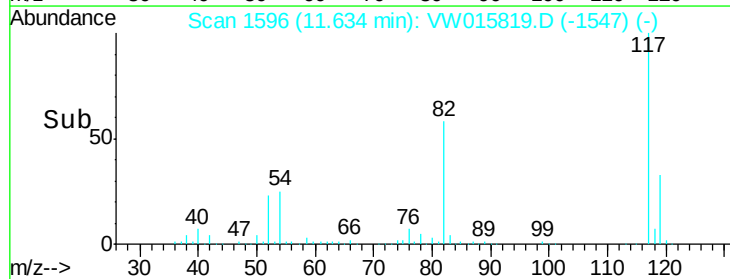
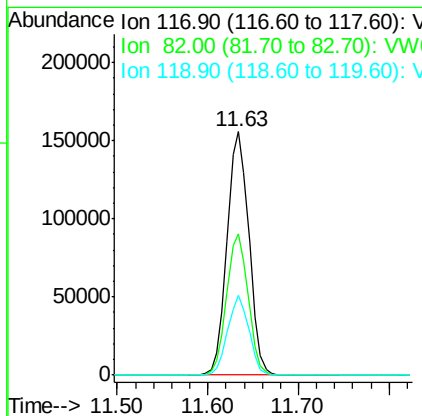
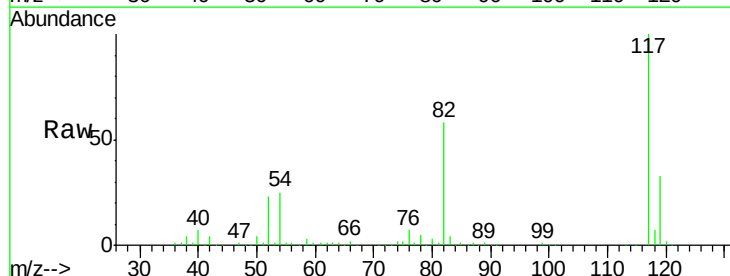
Instrument :
MSVOA_W
ClientSampleId :
OR-02-070820

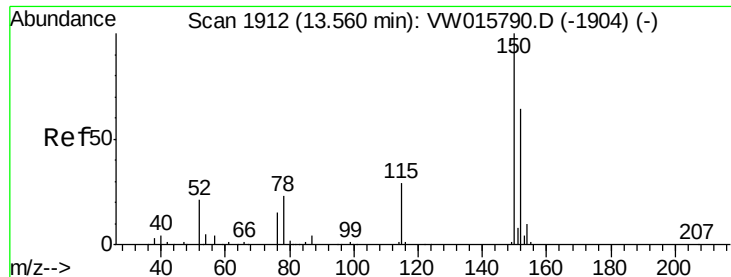
Tot Ion: 95 Resp: 117724
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.2
176 74.2 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015819.D
Acq: 08 Jul 2020 19:26

Tgt Ion: 117 Resp: 260460
Ion Ratio Lower Upper
117 100
82 58.1 45.5 68.3
119 32.7 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: VW015819.D

Acq: 08 Jul 2020 19:26

Instrument :

MSVOA_W

ClientSampleId :

OR-02-070820

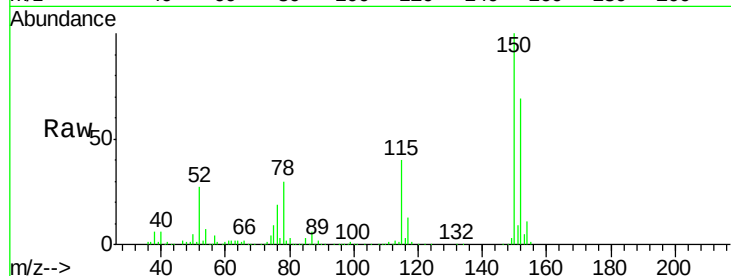
Tot Ion:152 Resp: 115275

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

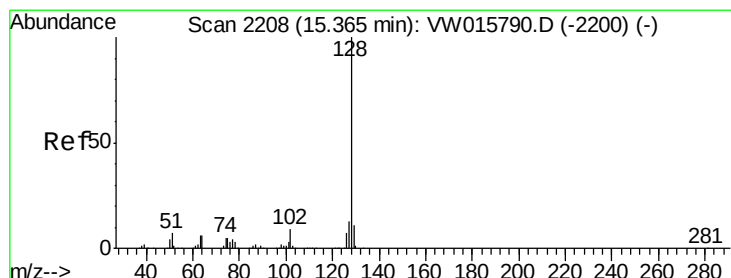
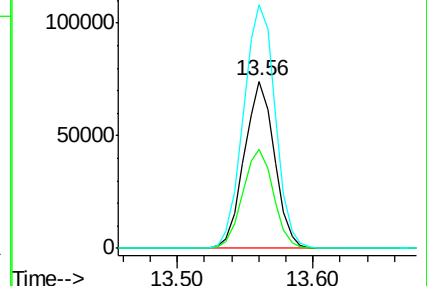
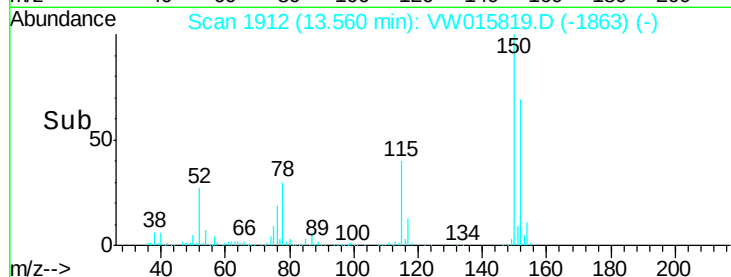
150 153.1 0.0 350.8



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: 6.208 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015819.D

Acq: 08 Jul 2020 19:26

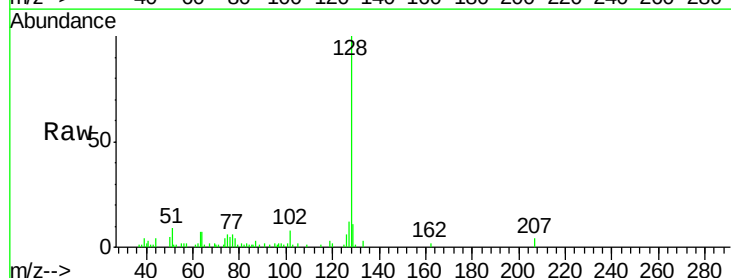
Tgt Ion:128 Resp: 13407

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 12.0 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

