

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008147.D
 Acq On : 10 Jan 2019 14:35
 Operator : SY/AP
 Sample : K1075-08
 Misc : 4.78G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-4

Quant Time: Jan 11 05:57:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	59642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40384	60.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.50%	
35) Dibromofluoromethane	7.88	113	35810	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.32	98	147450	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	47826	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

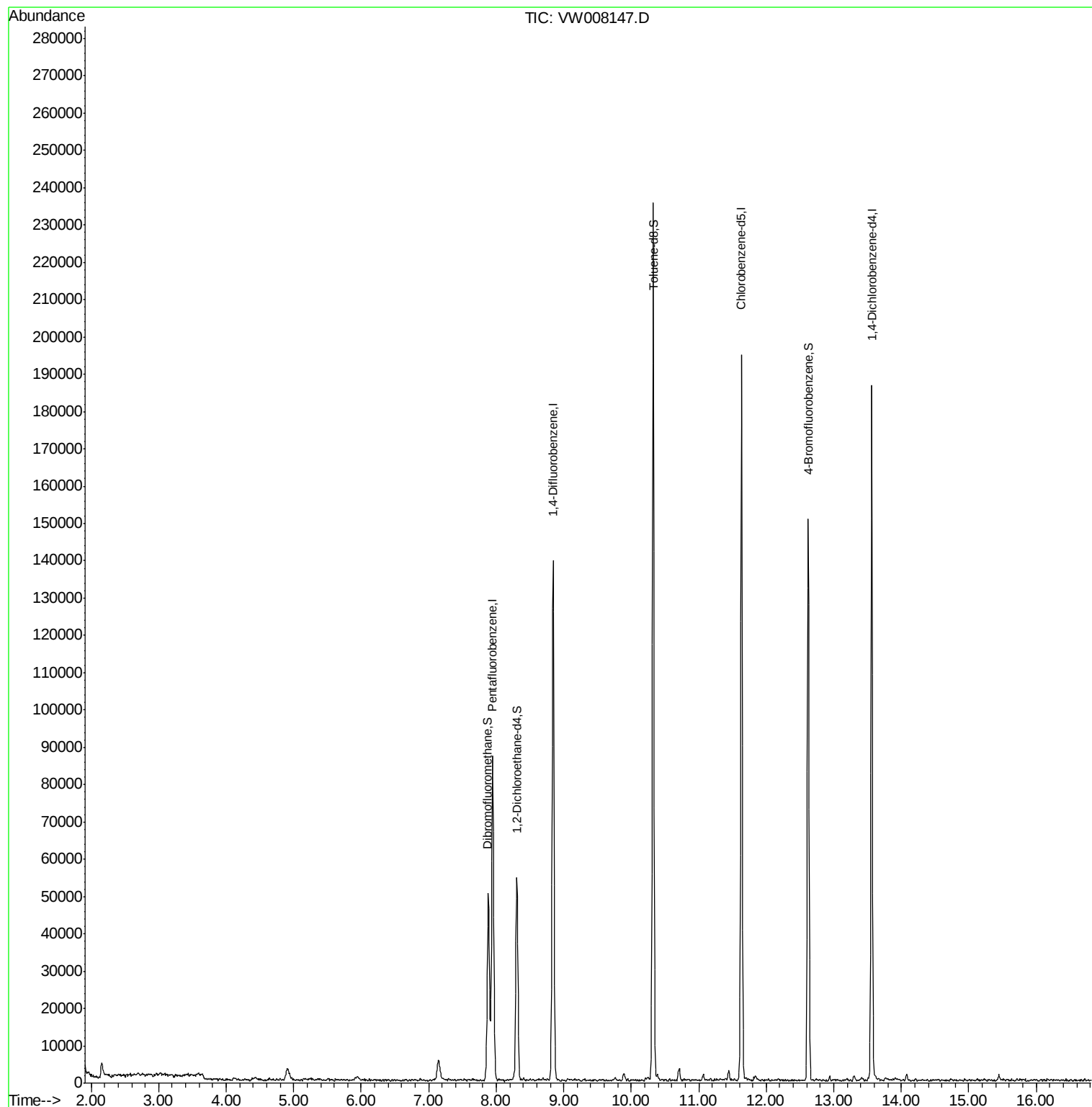
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008147.D

Acq: 10 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

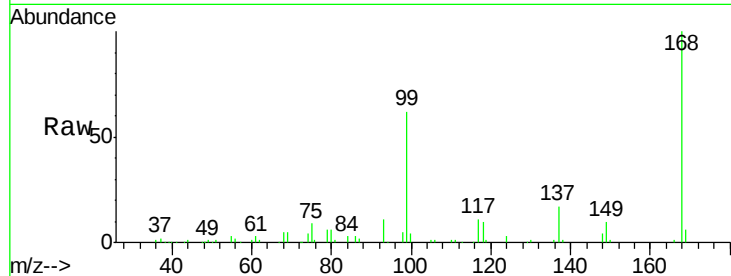
BASIN-4

Tot Ion:168 Resp: 59642

Ion Ratio Lower Upper

168 100

99 62.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

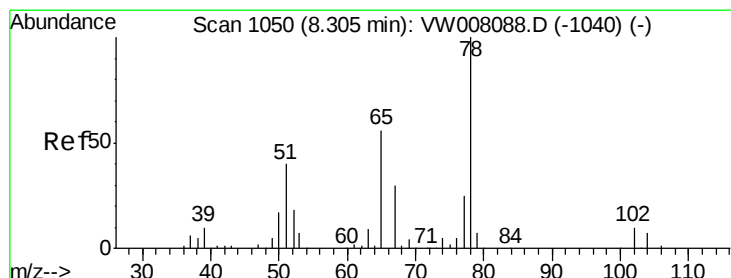
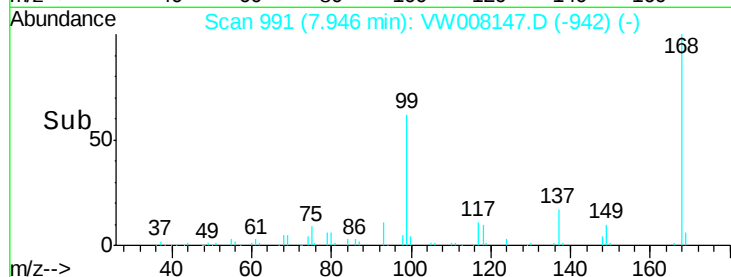
10000

5000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.245 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008147.D

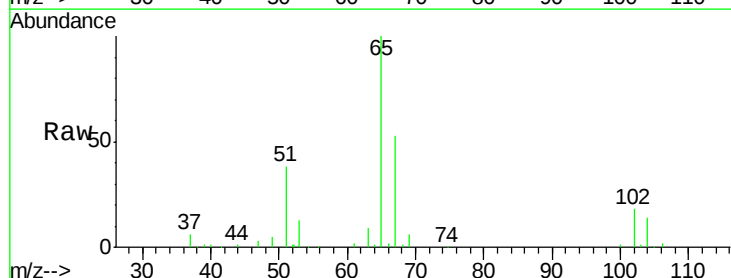
Acq: 10 Jan 2019 14:35

Tgt Ion: 65 Resp: 40384

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

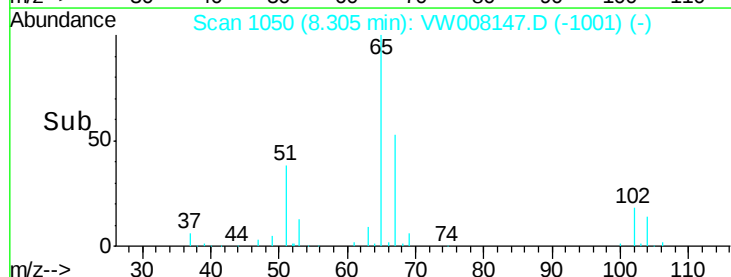
10000

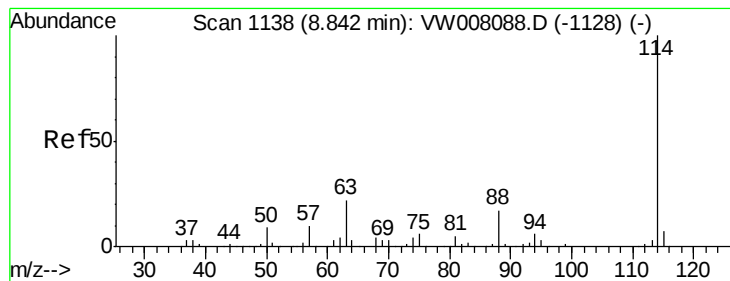
5000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008147.D

Acq: 10 Jan 2019 14:35

Instrument :

MSVOA_W

ClientSampleId :

BASIN-4

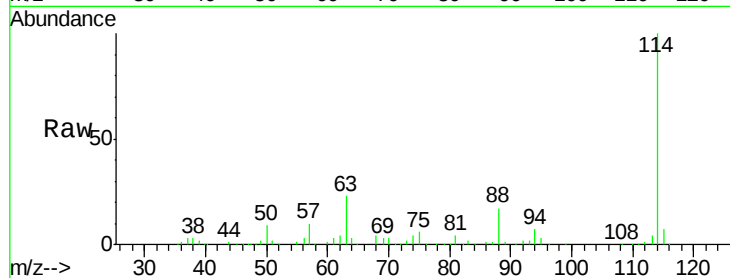
Tot Ion:114 Resp: 112887

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

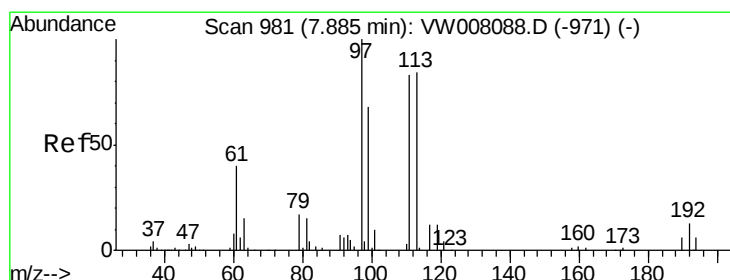
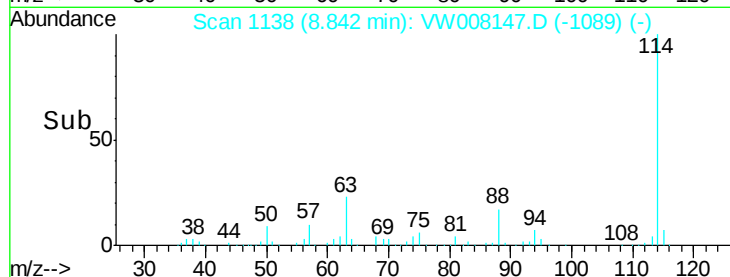
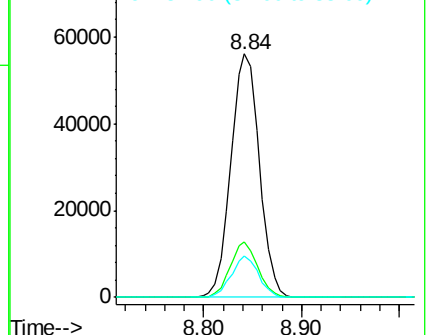
88 16.9 0.0 33.4



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: 54.389 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008147.D

Acq: 10 Jan 2019 14:35

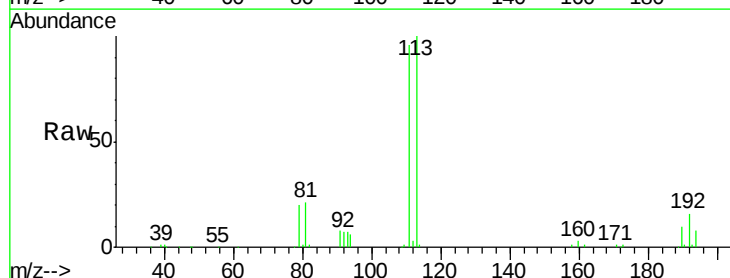
Tgt Ion:113 Resp: 35810

Ion Ratio Lower Upper

113 100

111 106.2 81.8 122.8

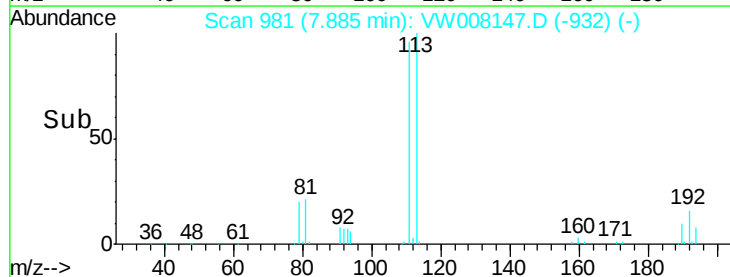
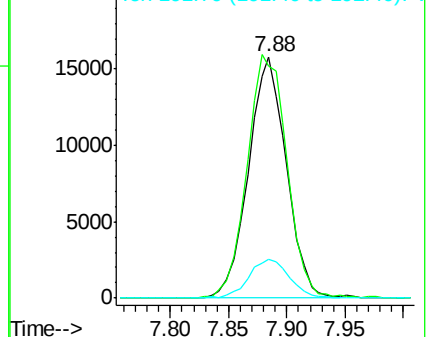
192 17.3 12.8 19.2

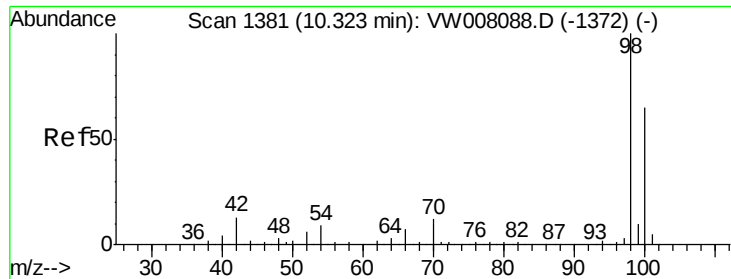


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

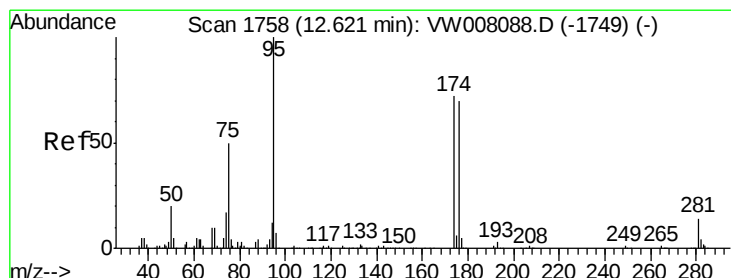
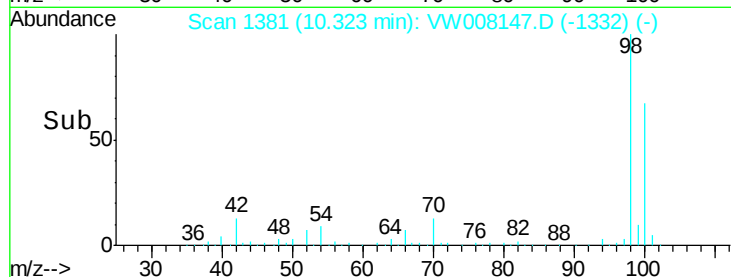
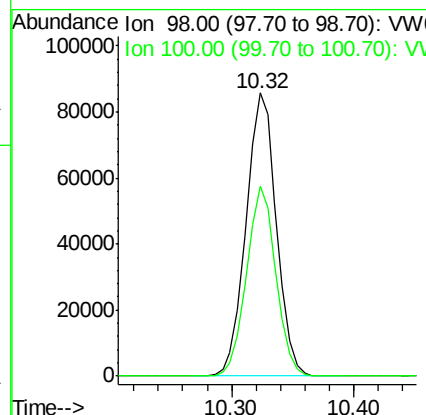
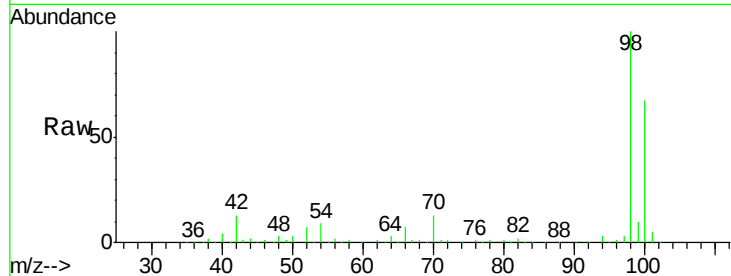




#50
Toluene-d8
Concen: 53.368 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008147.D
Acq: 10 Jan 2019 14:35

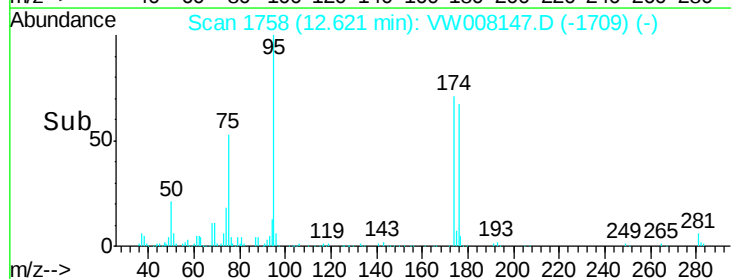
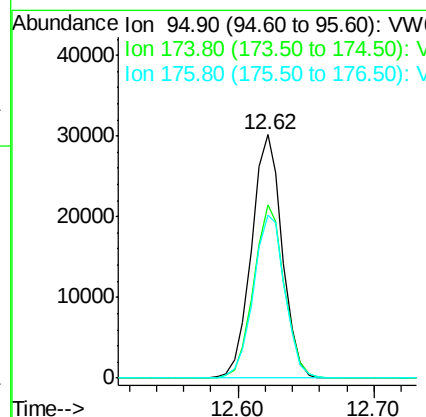
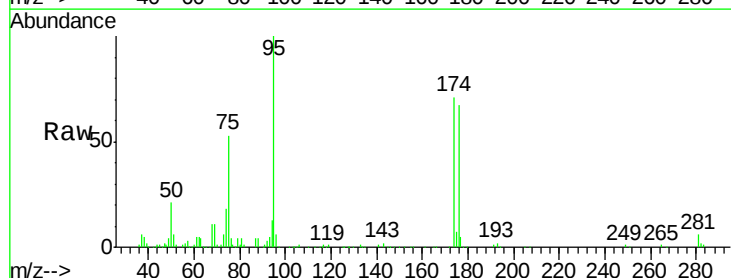
Instrument :
MSVOA_W
ClientSampleId :
BASIN-4

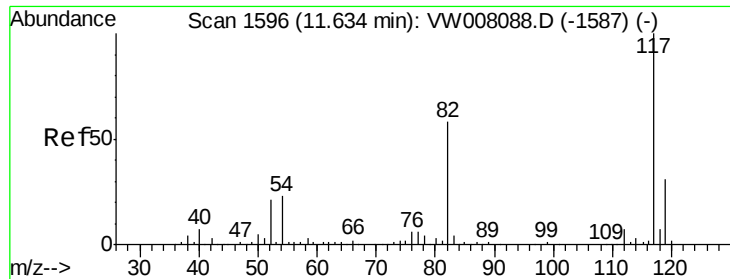
Tot Ion: 98 Resp: 147450
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008147.D
Acq: 10 Jan 2019 14:35

Tgt Ion: 95 Resp: 47826
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.0
176 68.7 0.0 140.2

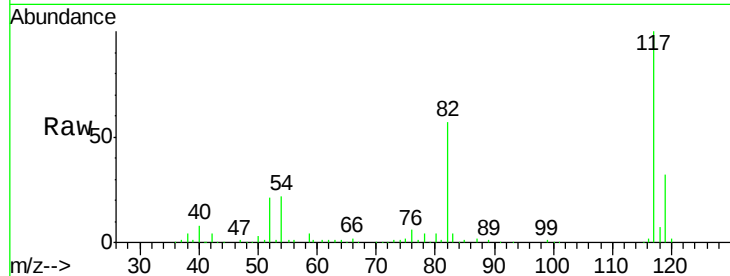




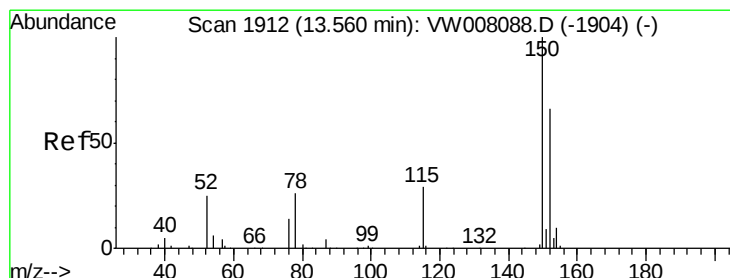
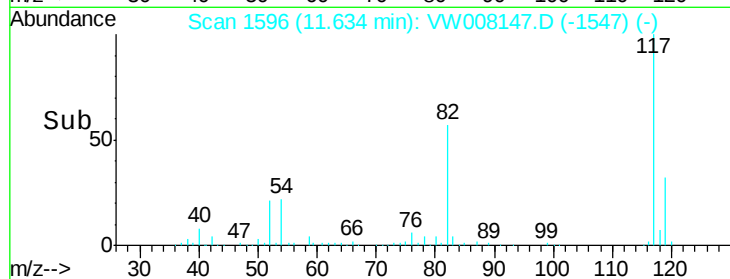
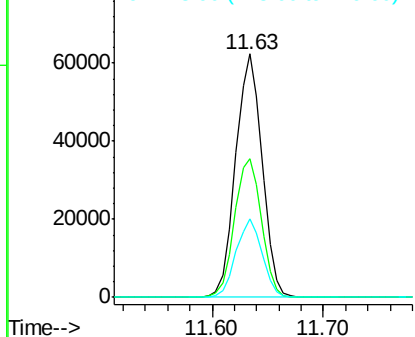
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008147.D
Acq: 10 Jan 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
BASIN-4

Tot Ion:117 Resp: 102573
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 31.9 24.7 37.1

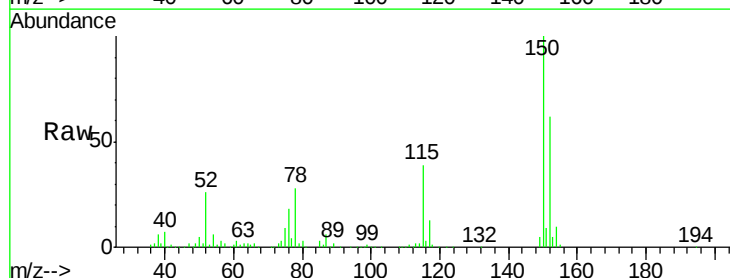


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008147.D
Acq: 10 Jan 2019 14:35

Tgt Ion:152 Resp: 44365
Ion Ratio Lower Upper
152 100
115 61.2 30.8 92.4
150 158.8 0.0 350.2



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

