

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005419.D
 Acq On : 15 Sep 2018 07:44
 Operator : SY/AP
 Sample : J4774-03
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-091418

Quant Time: Sep 17 01:12:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	227452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	353316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	112081	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	7.89	113	91542	43.02	ug/l	0.00
Spiked Amount			Recovery	=	86.04%	
50) Toluene-d8	10.33	98	353123	36.24	ug/l	0.00
Spiked Amount			Recovery	=	72.48%	
62) 4-Bromofluorobenzene	12.62	95	136671	38.25	ug/l	0.00
Spiked Amount			Recovery	=	76.50%	

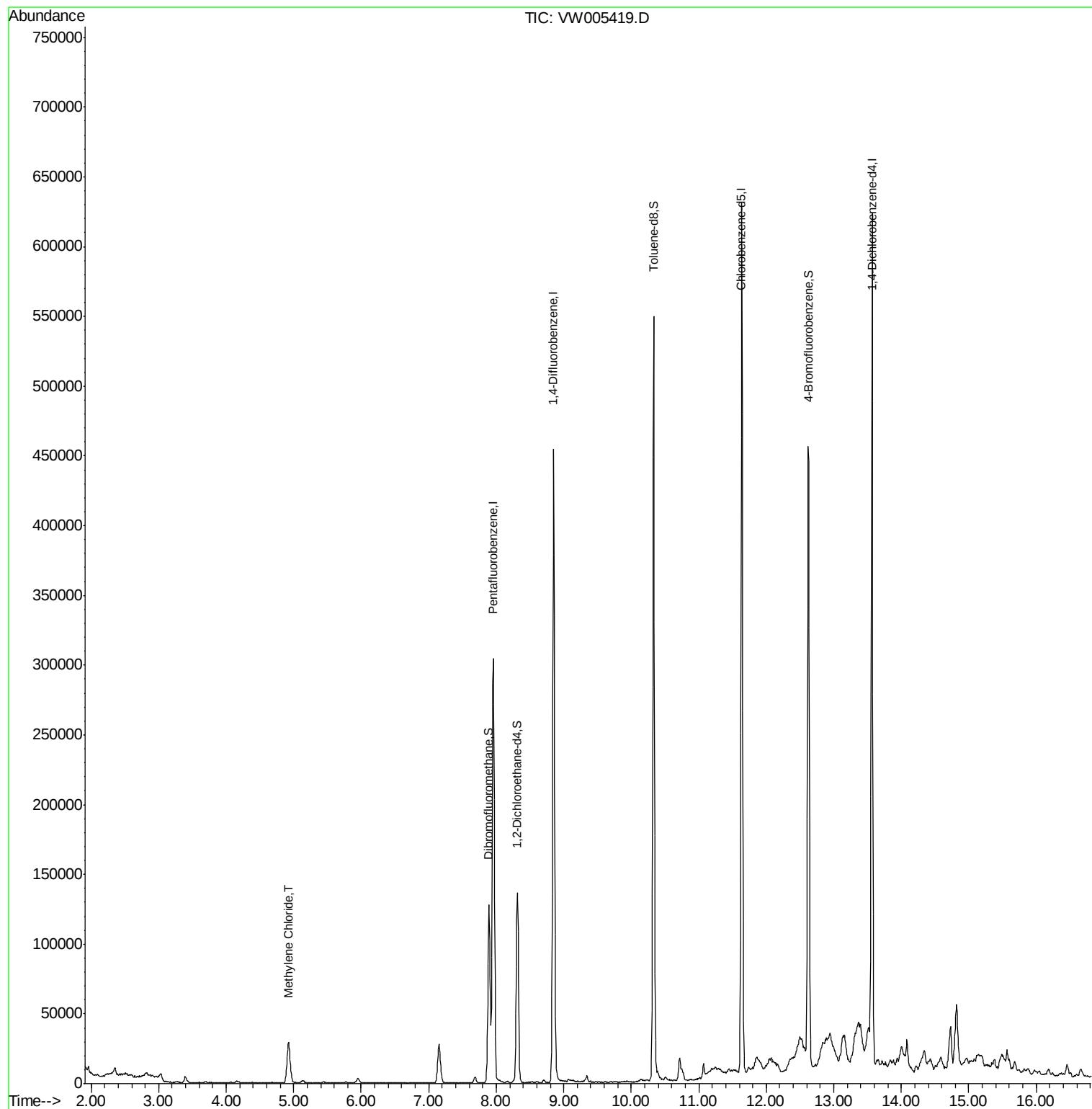
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	22078	4.16	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005419.D

Acq: 15 Sep 2018 07:44

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MSVOA_W

ClientSampleId :

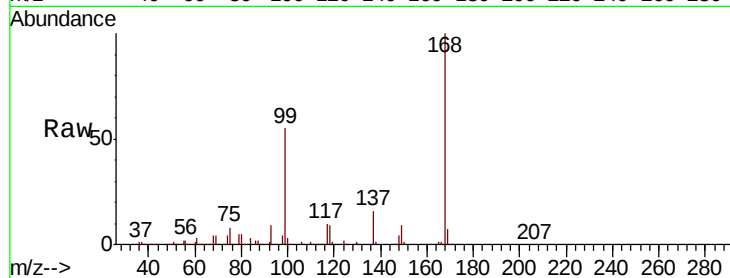
OK-01-091418

Tot Ion:168 Resp: 227452

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

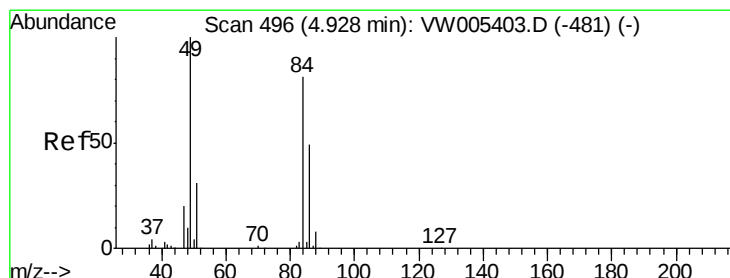
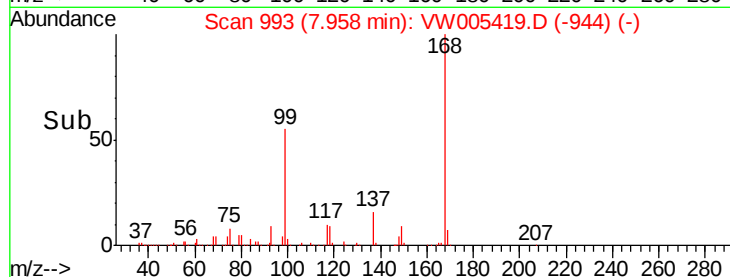
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.16 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005419.D

Acq: 15 Sep 2018 07:44

Tgt Ion: 84 Resp: 22078

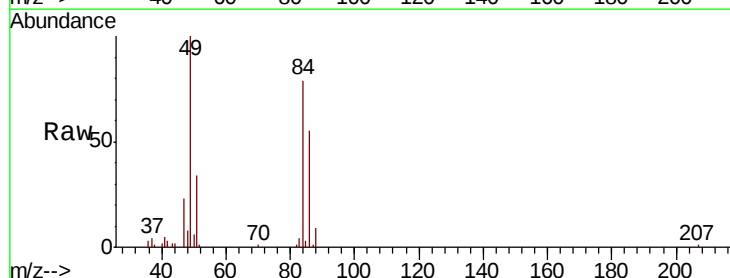
Ion Ratio Lower Upper

84 100

49 127.0 99.3 148.9

51 43.3 31.1 46.7

86 69.5 49.1 73.7



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

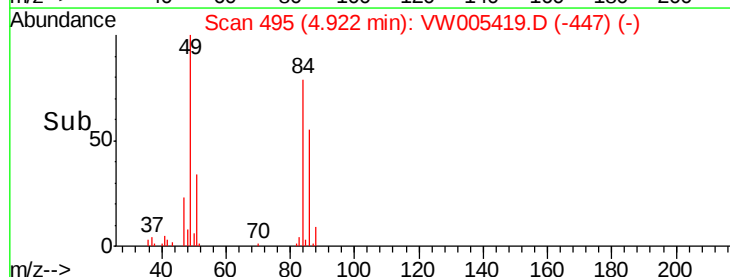
Ion 85.90 (85.60 to 86.60): VW

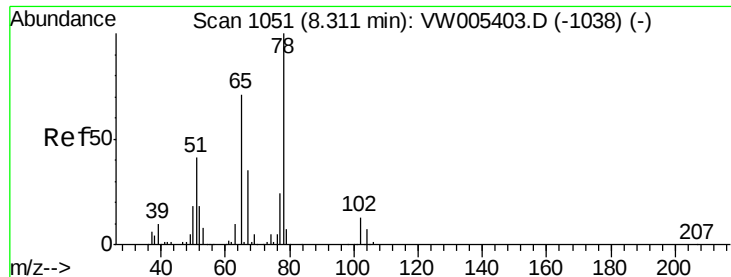
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.47 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005419.D

Acq: 15 Sep 2018 07:44

Instrument :

MSVOA_W

ClientSampleId :

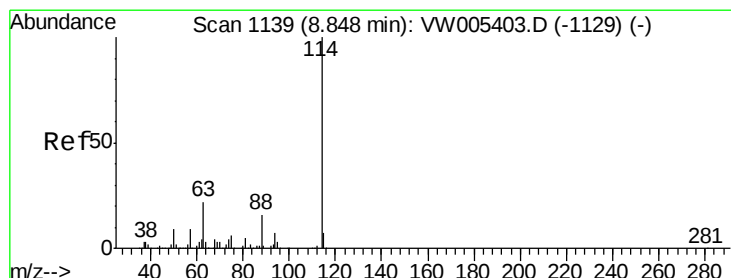
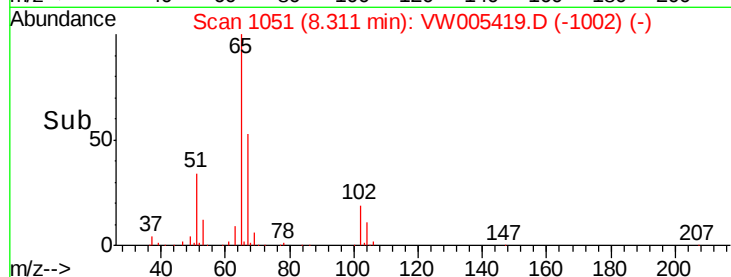
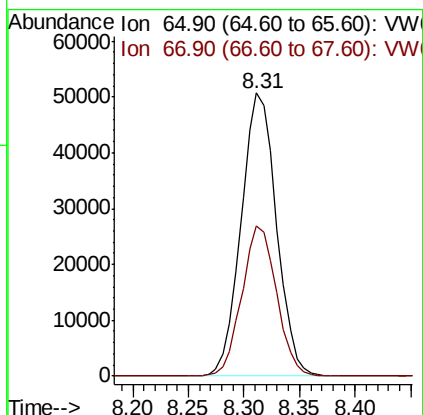
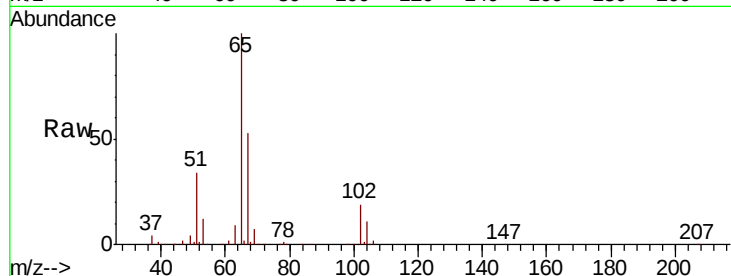
OK-01-091418

Tot Ion: 65 Resp: 112081

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005419.D

Acq: 15 Sep 2018 07:44

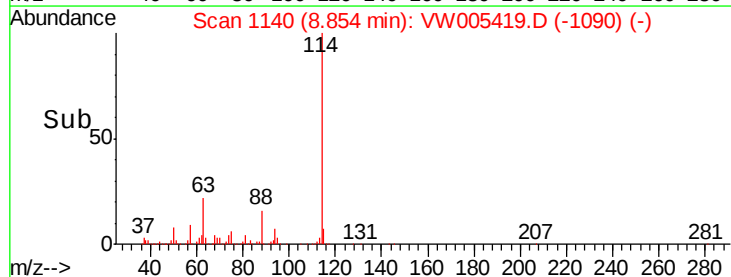
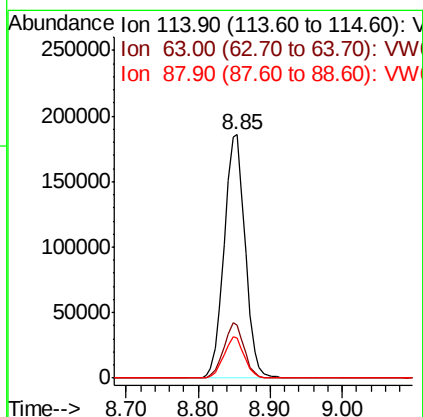
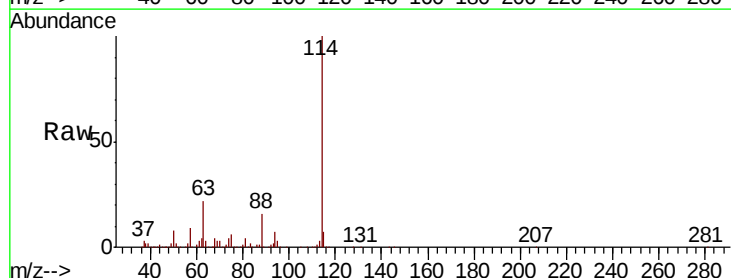
Tgt Ion: 114 Resp: 379504

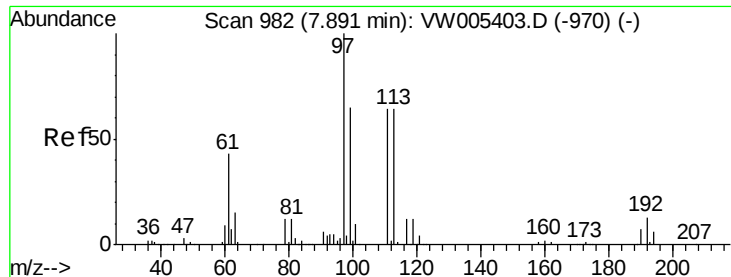
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.2 0.0 31.8

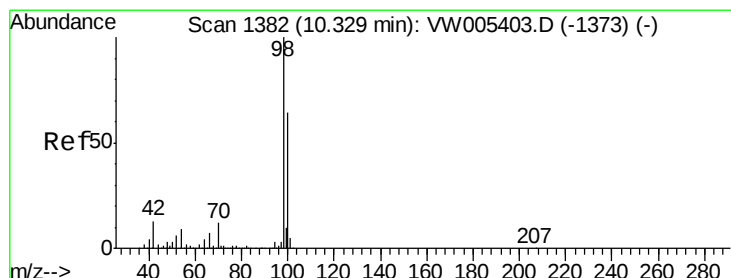
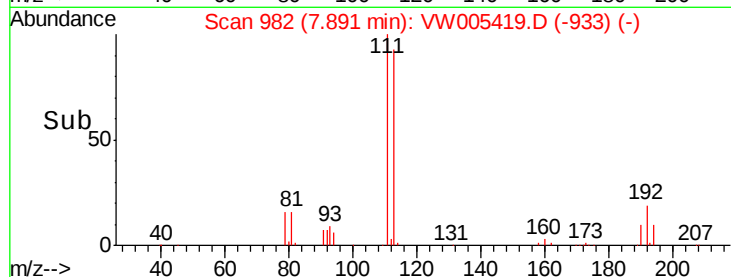
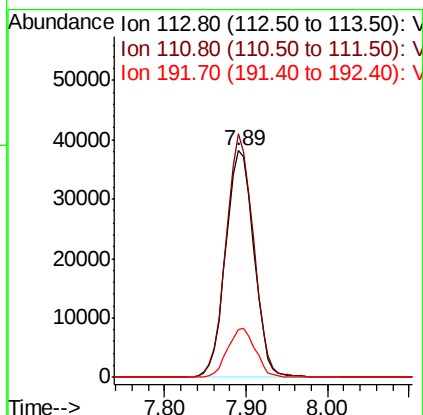
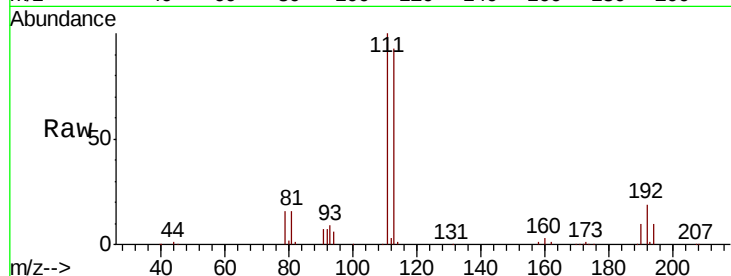




#35
Dibromofluoromethane
Concen: 43.02 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005419.D
Acq: 15 Sep 2018 07:44

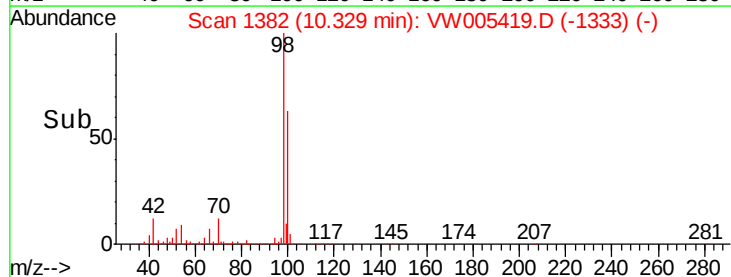
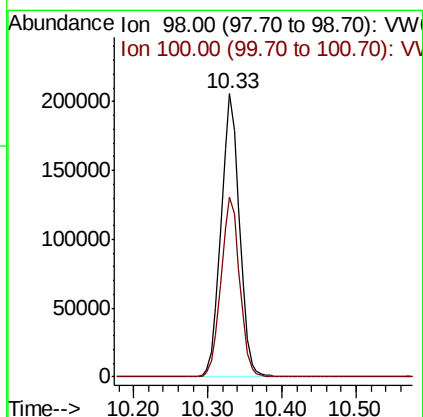
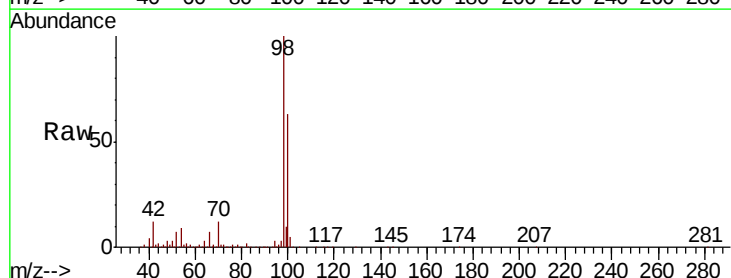
Instrument :
MSVOA_W
ClientSampleId :
OK-01-091418

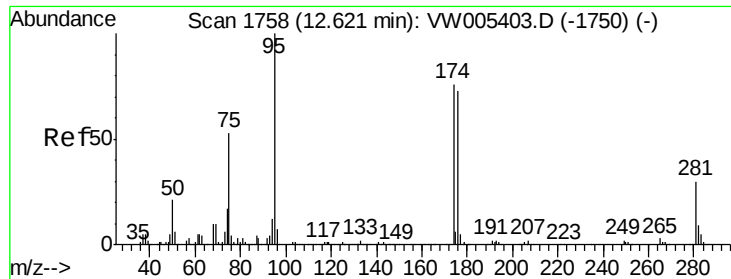
Tot Ion:113 Resp: 91542
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 21.2 16.5 24.7



#50
Toluene-d8
Concen: 36.24 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005419.D
Acq: 15 Sep 2018 07:44

Tgt Ion: 98 Resp: 353123
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

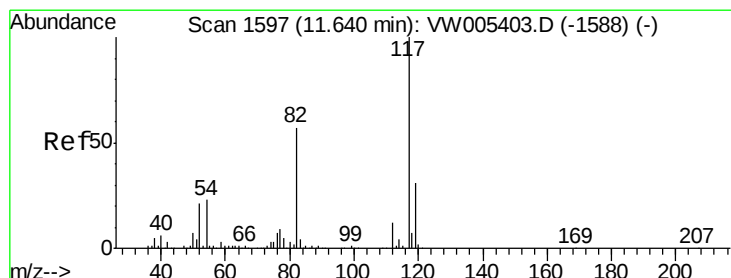
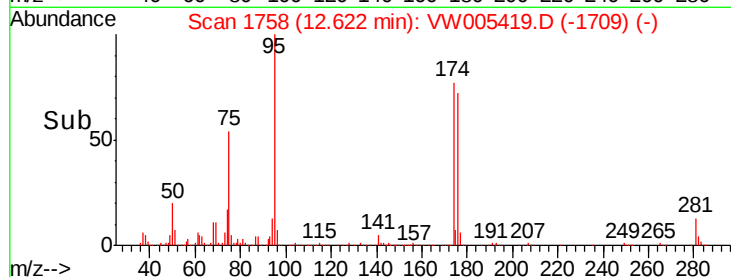
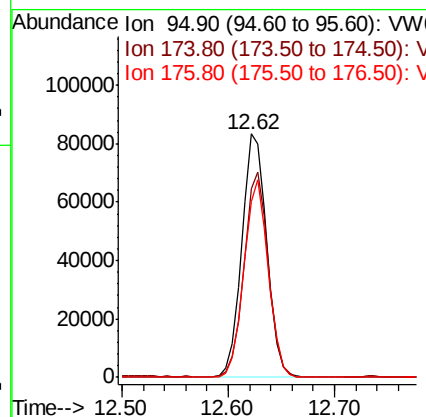
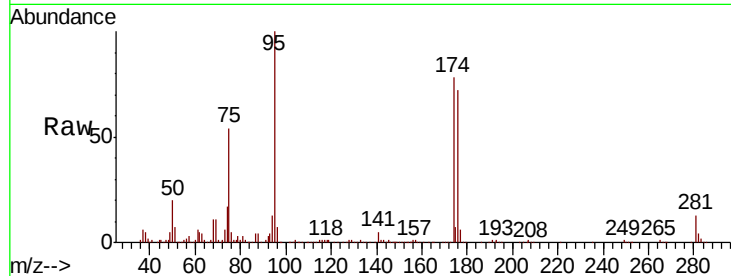




#62
4-Bromofluorobenzene
Concen: 38.25 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005419.D
Acq: 15 Sep 2018 07:44

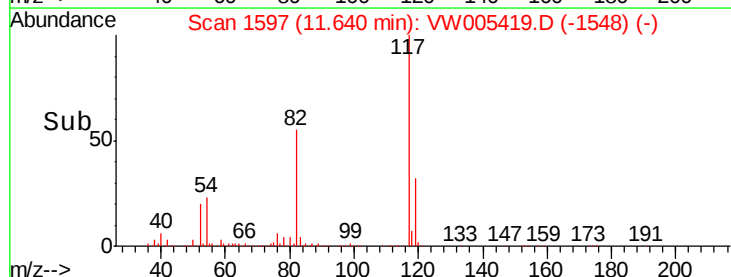
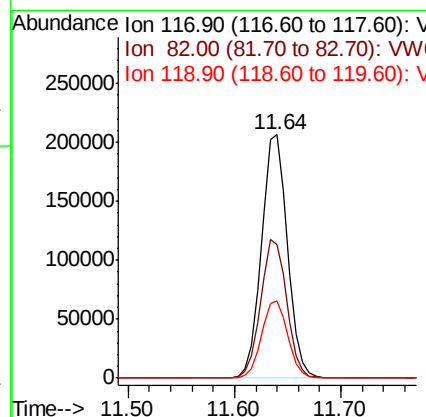
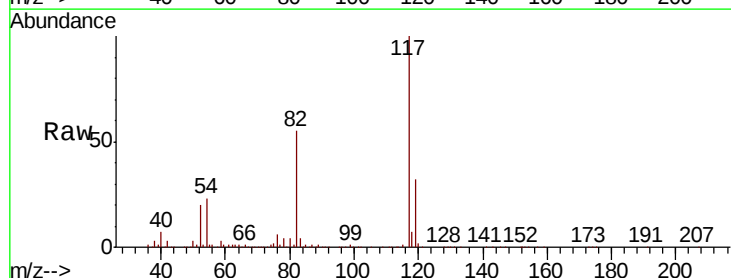
Instrument :
MSVOA_W
ClientSampled :
OK-01-091418

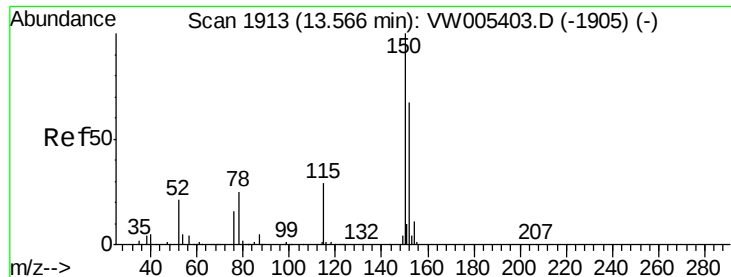
Tot Ion: 95 Resp: 136671
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.2
176 79.2 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005419.D
Acq: 15 Sep 2018 07:44

Tgt Ion: 117 Resp: 353316
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 31.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005419.D

Acq: 15 Sep 2018 07:44

Instrument :

MSVOA_W

ClientSampleId :

OK-01-091418

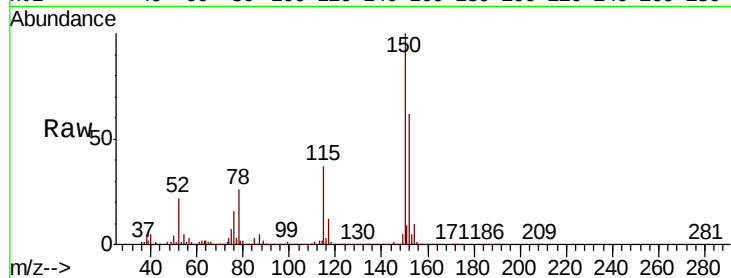
Tot Ion:152 Resp: 159074

Ion Ratio Lower Upper

152 100

115 60.9 29.5 88.5

150 159.0 0.0 345.6



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

