

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005479.D
 Acq On : 18 Sep 2018 15:24
 Operator : SY/AP
 Sample : J4967-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-02

Quant Time: Sep 18 17:07:40 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	221233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73843	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	118245	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	7.89	113	89209	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
50) Toluene-d8	10.33	98	307338	34.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.54%	
62) 4-Bromofluorobenzene	12.62	95	77500	23.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.14%	

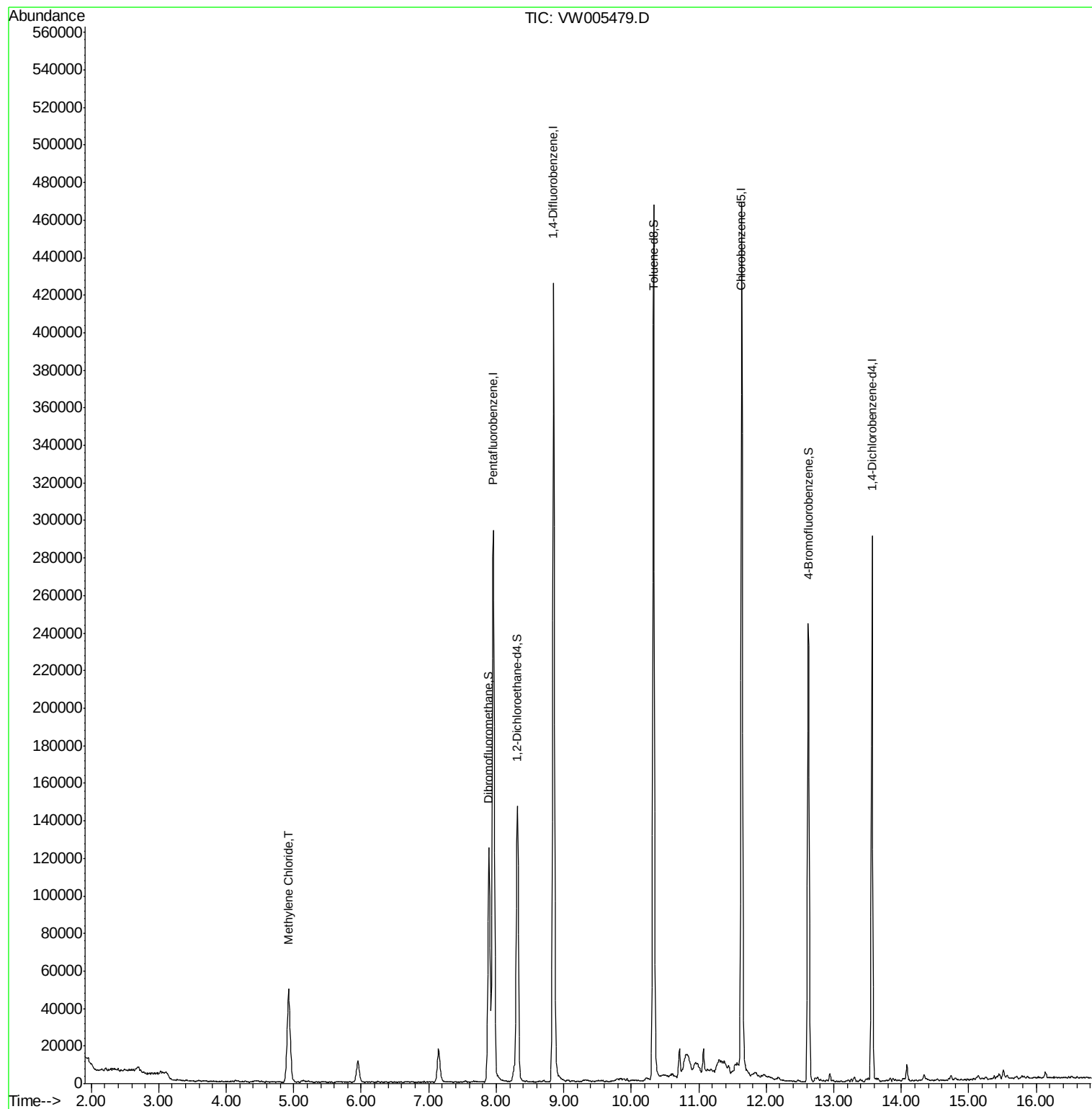
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	36106	11.42	ug/l	95

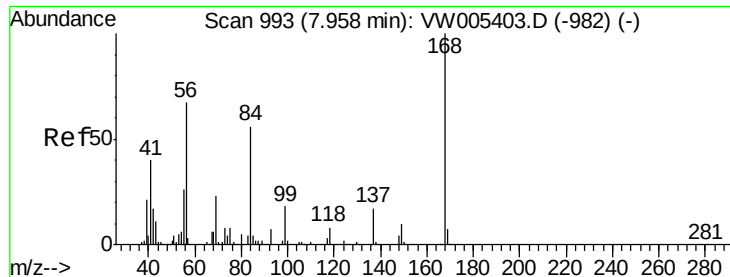
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005479.D

Acq: 18 Sep 2018 15:24

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MSVOA_W

ClientSampleId :

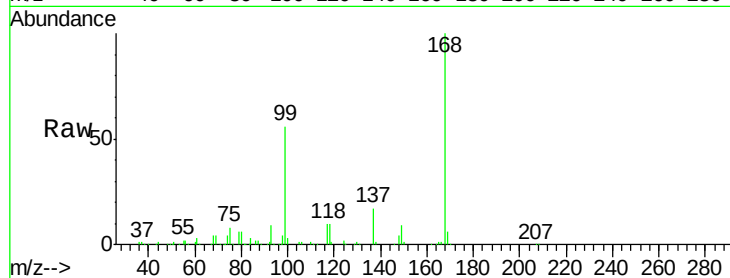
SUP-UST-091718-02

Tot Ion:168 Resp: 221233

Ion Ratio Lower Upper

168 100

99 55.9 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

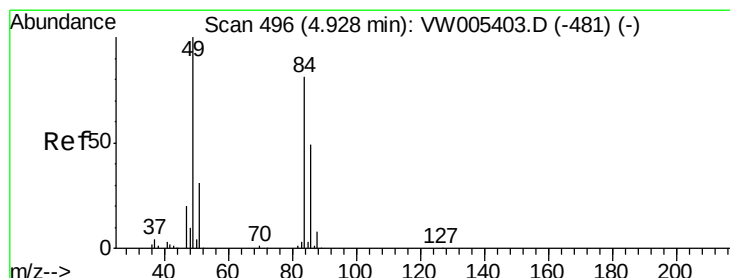
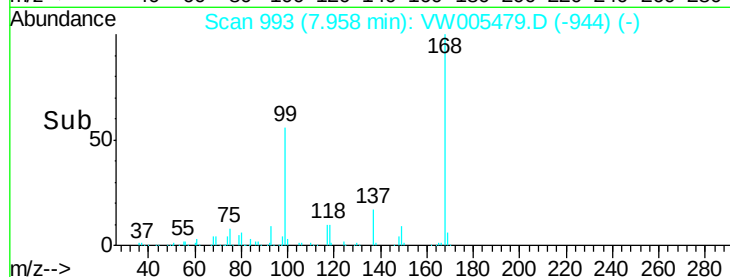
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 11.42 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005479.D

Acq: 18 Sep 2018 15:24

Tgt Ion: 84 Resp: 36106

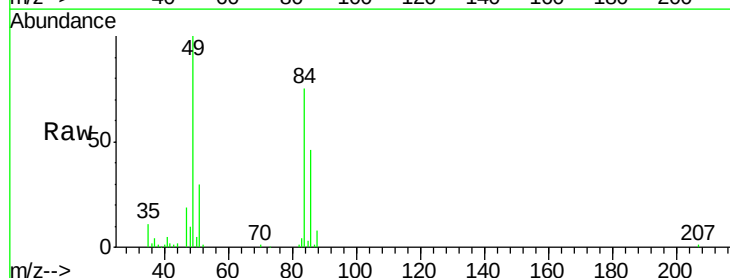
Ion Ratio Lower Upper

84 100

49 133.9 99.3 148.9

51 39.9 31.1 46.7

86 61.9 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

4.93

20000

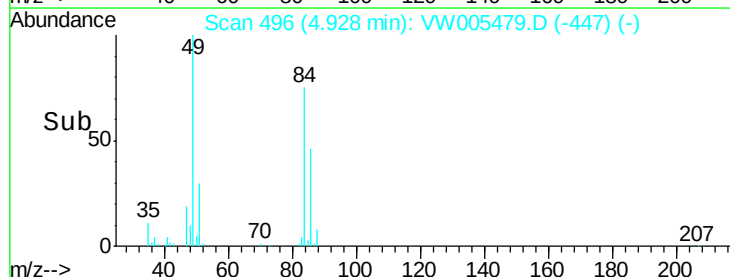
15000

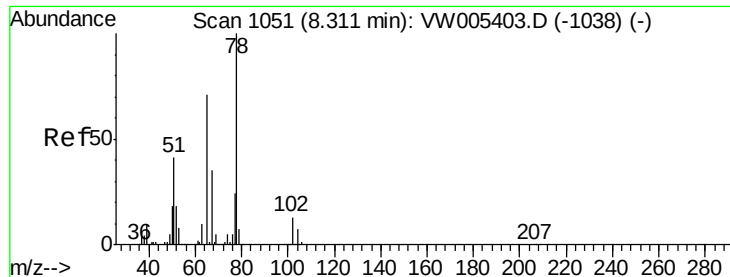
10000

5000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 51.49 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005479.D

Acq: 18 Sep 2018 15:24

Instrument :

MSVOA_W

ClientSampleId :

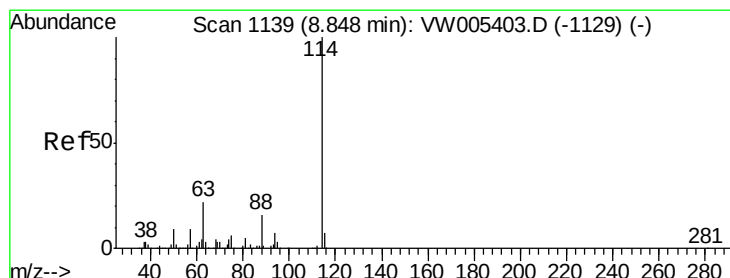
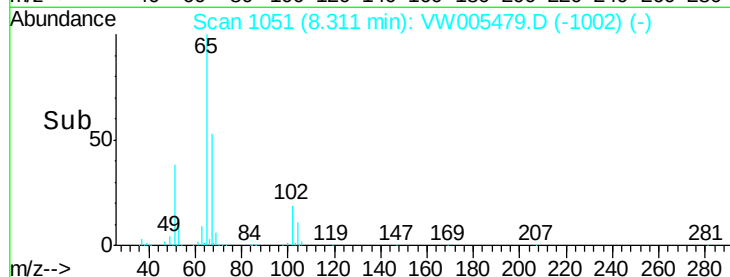
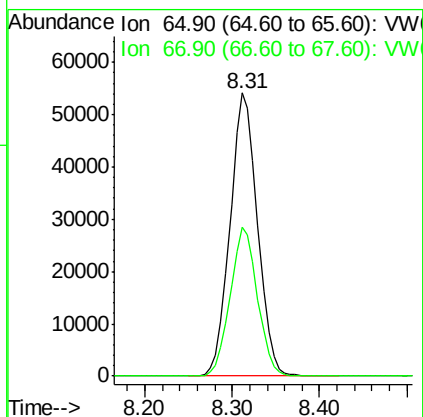
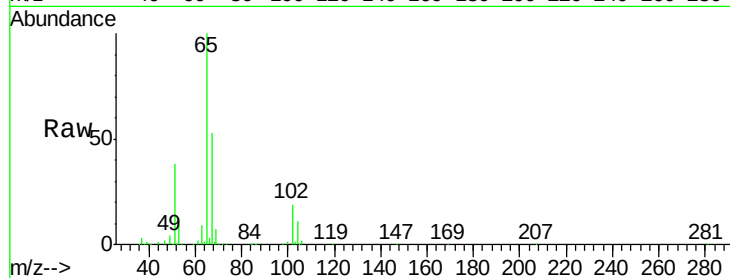
SUP-UST-091718-02

Tot Ion: 65 Resp: 118245

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005479.D

Acq: 18 Sep 2018 15:24

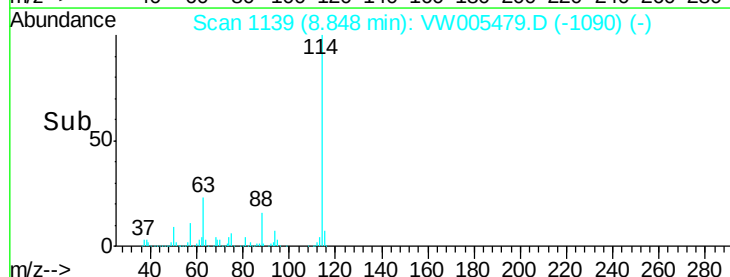
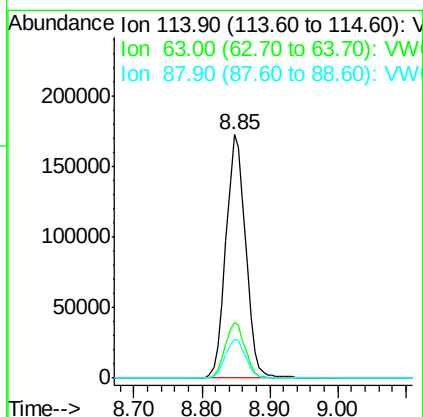
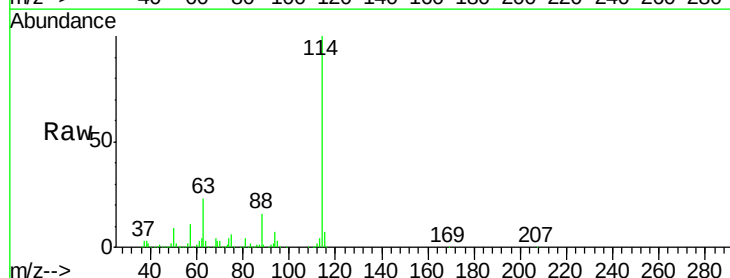
Tgt Ion: 114 Resp: 349281

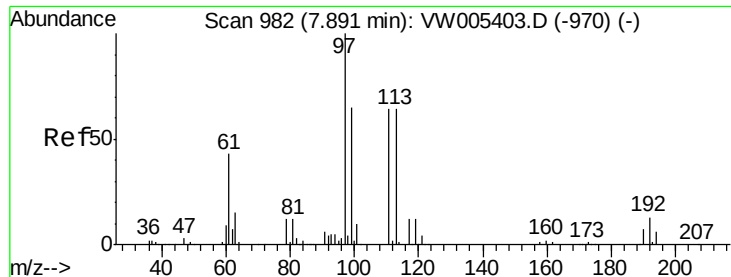
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 16.1 0.0 31.8

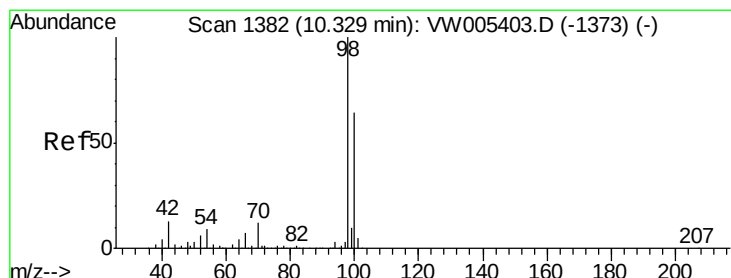
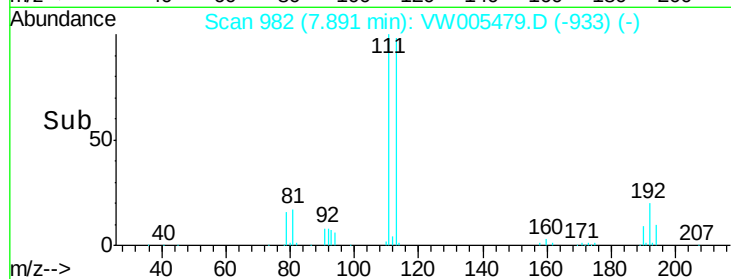
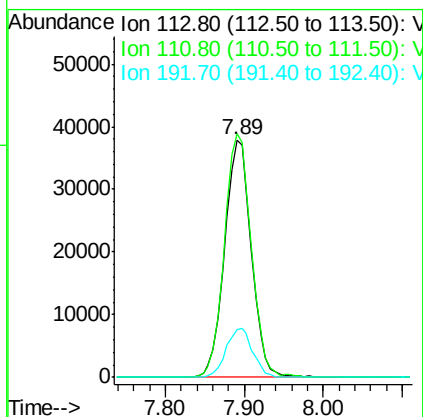
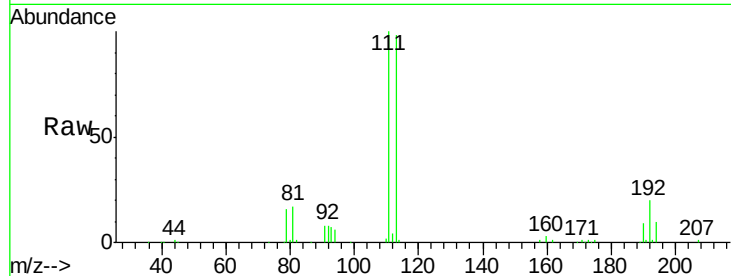




#35
 Dibromofluoromethane
 Concen: 45.55 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005479.D
 Acq: 18 Sep 2018 15:24

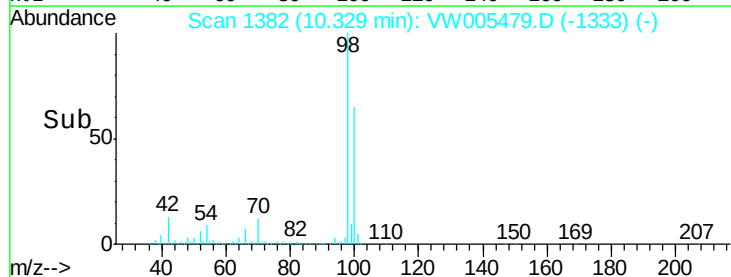
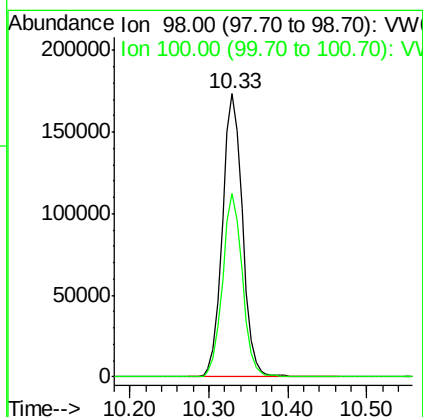
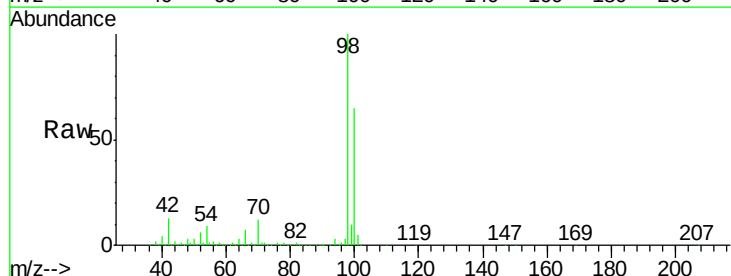
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-UST-091718-02

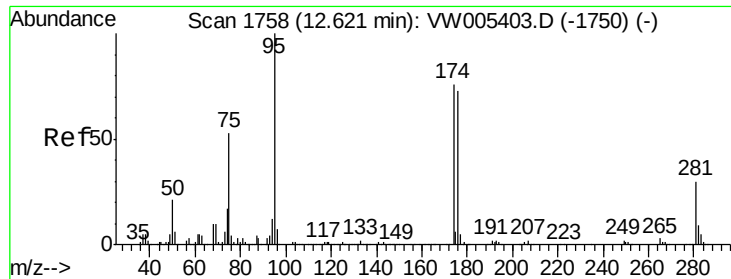
Tot Ion:113 Resp: 89209
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.3 123.5
 192 20.5 16.5 24.7



#50
 Toluene-d8
 Concen: 34.27 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005479.D
 Acq: 18 Sep 2018 15:24

Tgt Ion: 98 Resp: 307338
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.4 77.0

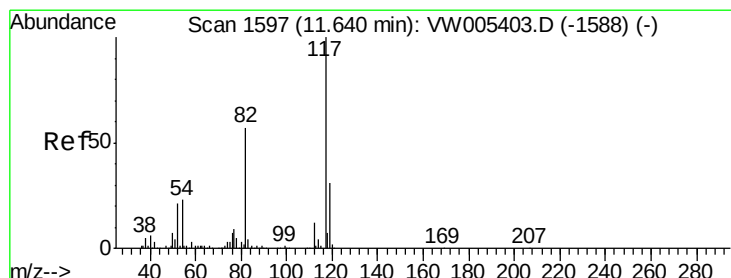
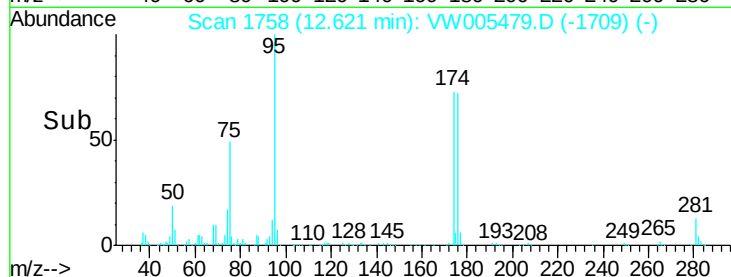
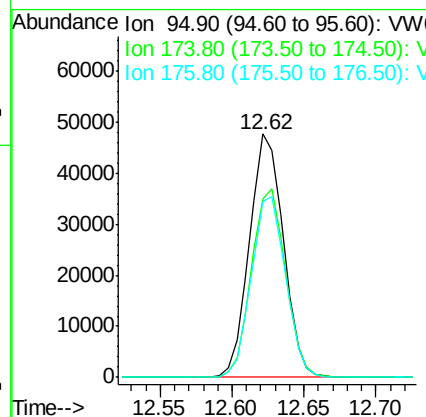
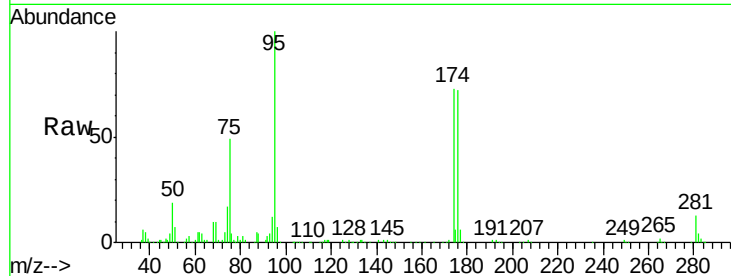




#62
4-Bromofluorobenzene
Concen: 23.57 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005479.D
Acq: 18 Sep 2018 15:24

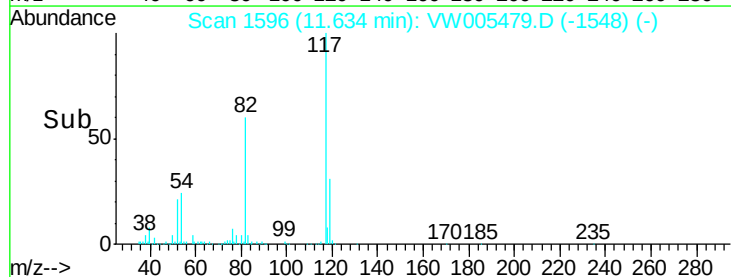
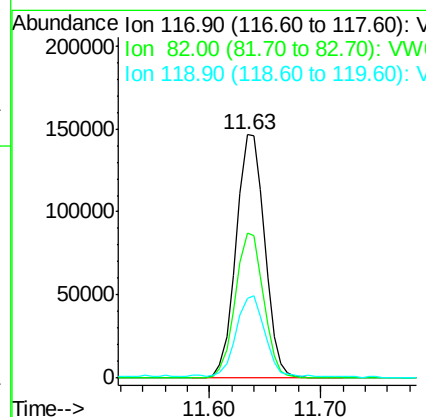
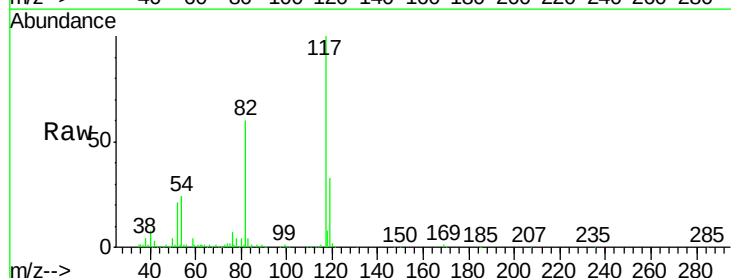
Instrument :
MSVOA_W
ClientSampleId :
SUP-UST-091718-02

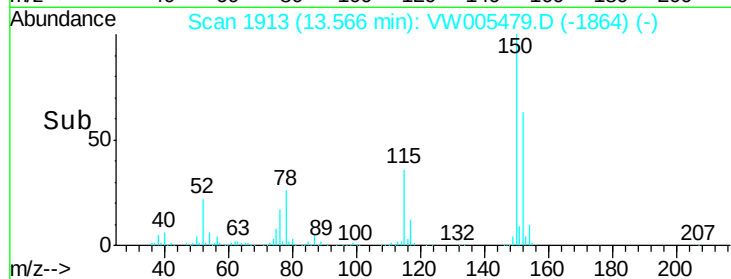
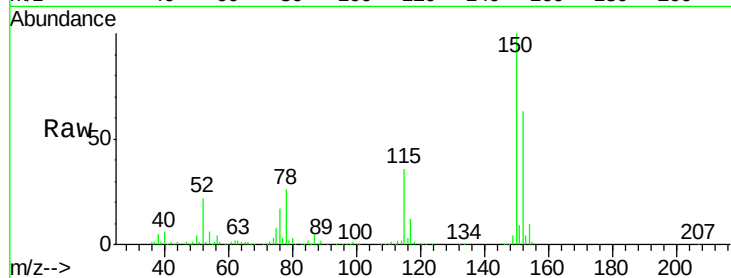
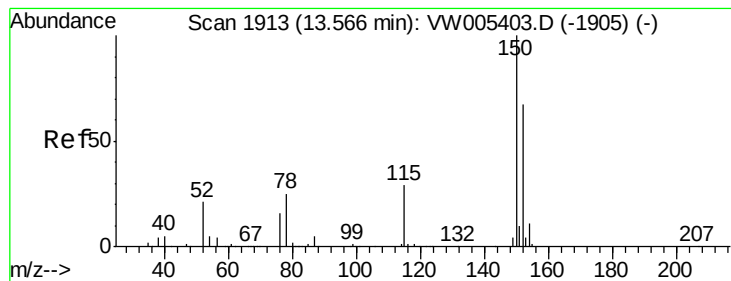
Tot Ion: 95 Resp: 77500
Ion Ratio Lower Upper
95 100
174 78.2 0.0 161.2
176 75.2 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005479.D
Acq: 18 Sep 2018 15:24

Tgt Ion: 117 Resp: 260801
Ion Ratio Lower Upper
117 100
82 59.8 45.9 68.9
119 32.4 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: VW005479.D

Acq: 18 Sep 2018 15:24

Instrument :

MSVOA_W

ClientSampleId :

SUP-UST-091718-02

Tot Ion:152 Resp: 73843

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.5

150 158.6 0.0 345.6

