

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005428.D
 Acq On : 17 Sep 2018 12:57
 Operator : SY/AP
 Sample : J4866-02
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DPT-SB-E1-180911

Quant Time: Sep 18 01:26:04 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	224960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	326252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168383	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	109573	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	7.89	113	92325	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	10.33	98	402063	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	12.62	95	152995	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	

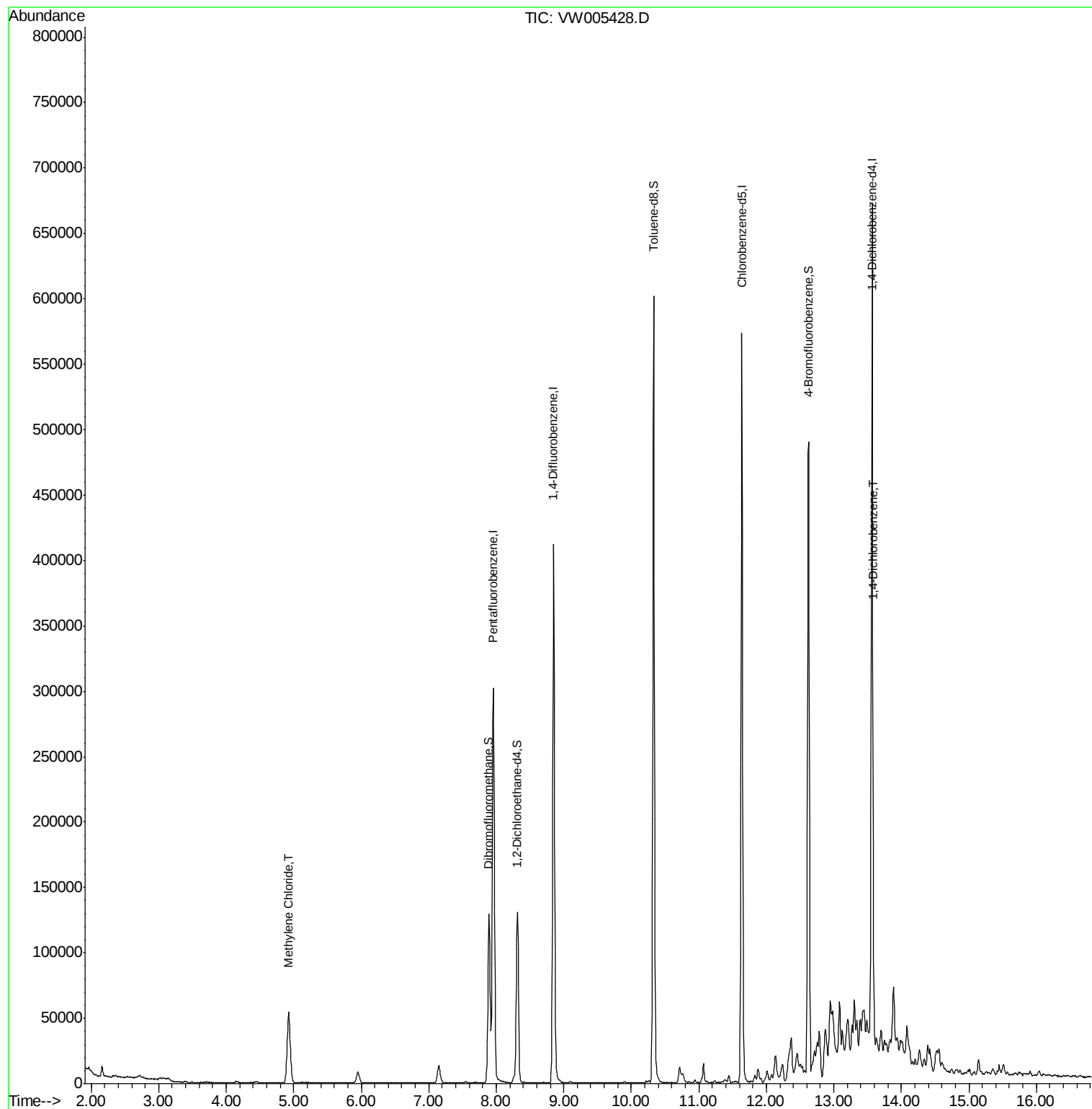
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	41858	13.93	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	8511	1.53	ug/l #	54

(#) = 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: VW005428.D

Acq: 17 Sep 2018 12:57

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MSVOA_W

ClientSampleId :

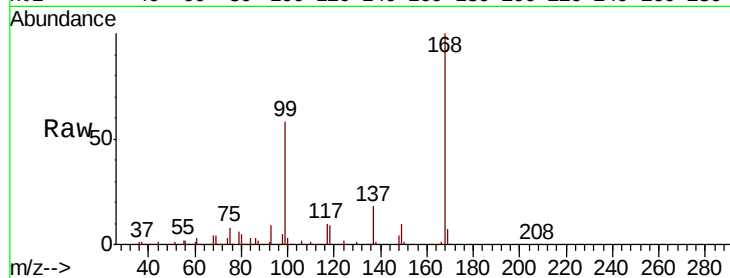
DPT-SB-E1-180911

Tot Ion:168 Resp: 224960

Ion Ratio Lower Upper

168 100

99 57.7 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

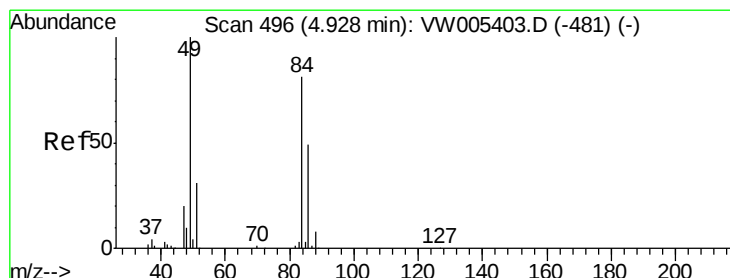
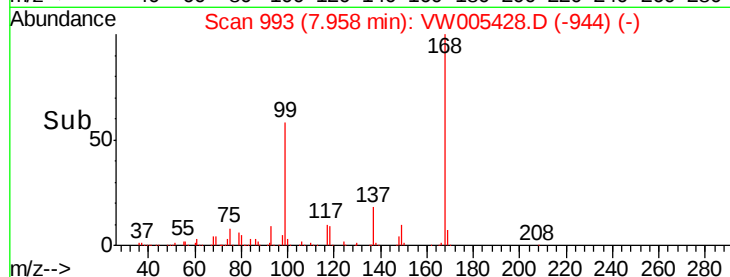
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 13.93 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005428.D

Acq: 17 Sep 2018 12:57

Tgt Ion: 84 Resp: 41858

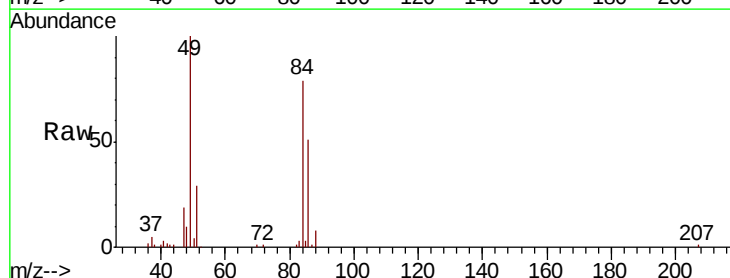
Ion Ratio Lower Upper

84 100

49 126.8 99.3 148.9

51 37.0 31.1 46.7

86 64.3 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

25000

20000

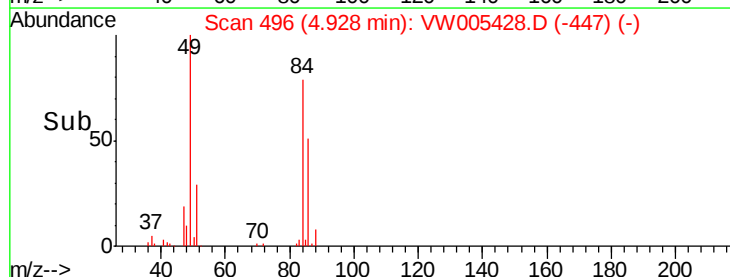
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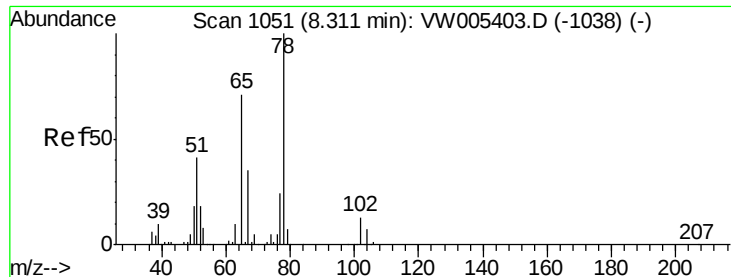
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5000

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Time-->

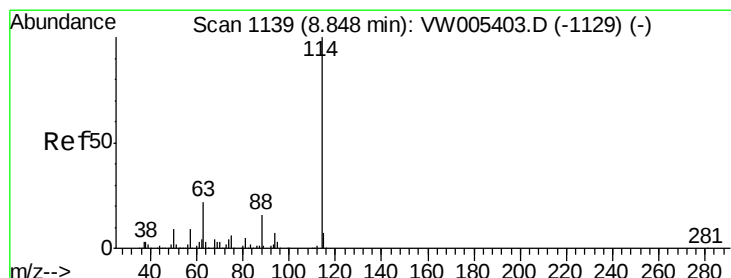
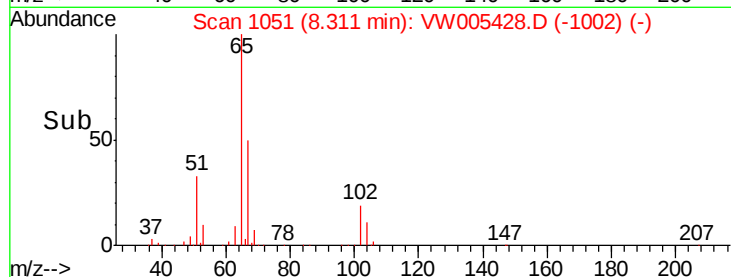
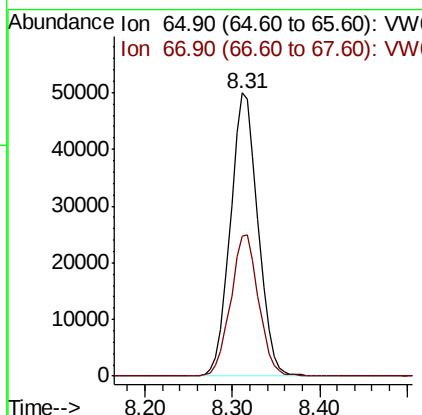
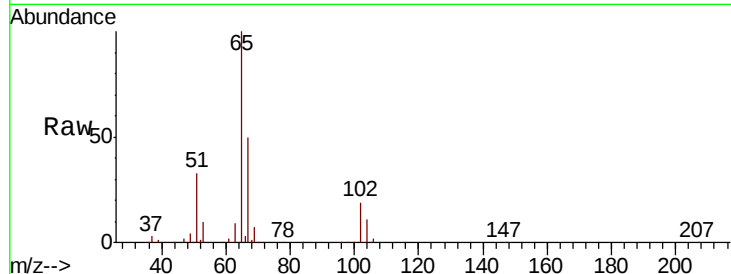




#33
 1,2-Dichloroethane-d4
 Concen: 46.92 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005428.D
 Acq: 17 Sep 2018 12:57

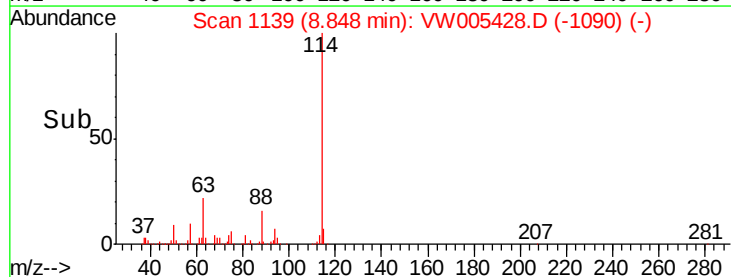
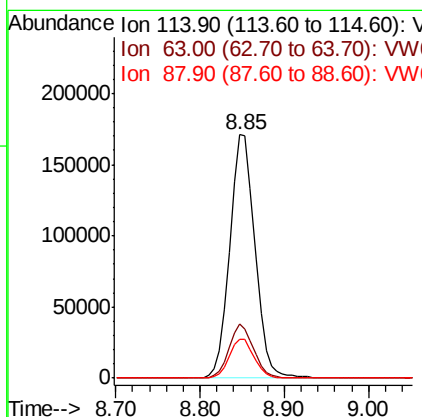
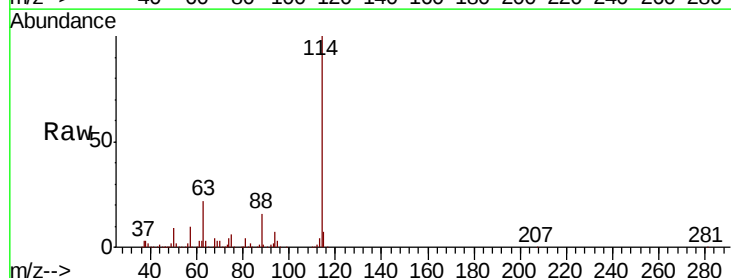
Instrument :
 MSVOA_W
 ClientSampleId :
 DPT-SB-E1-180911

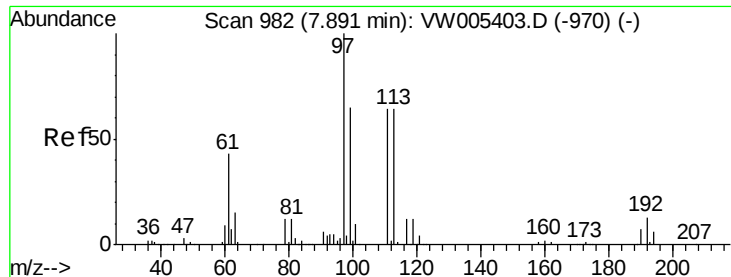
Tot Ion: 65 Resp: 109573
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005428.D
 Acq: 17 Sep 2018 12:57

Tgt Ion: 114 Resp: 347642
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.0 0.0 31.8

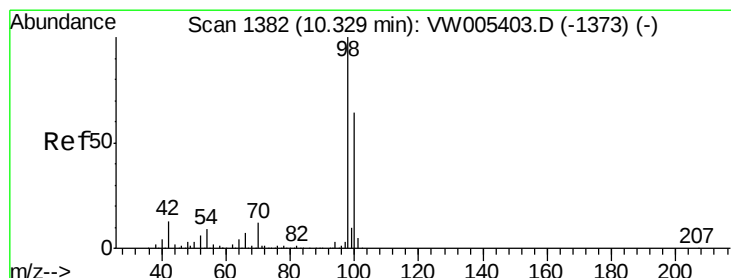
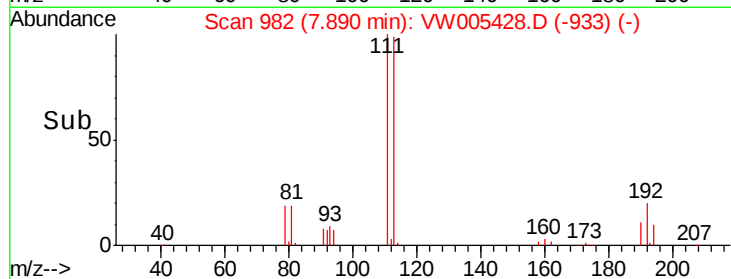
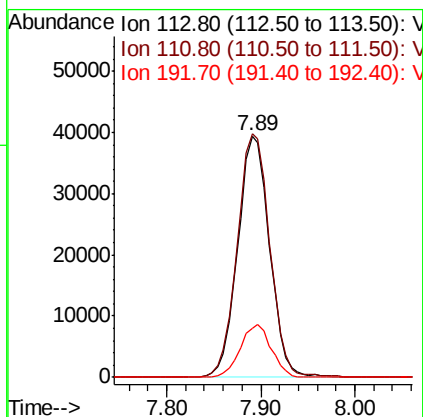
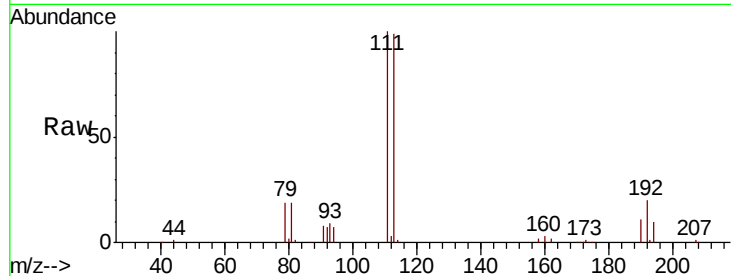




#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005428.D
 Acq: 17 Sep 2018 12:57

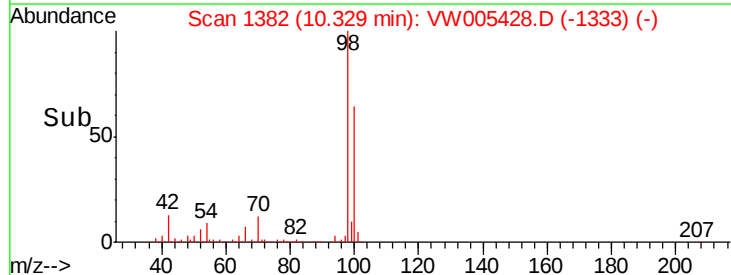
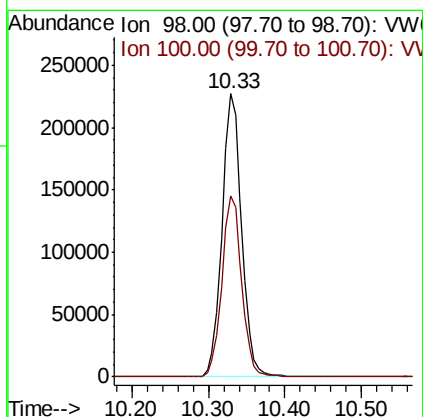
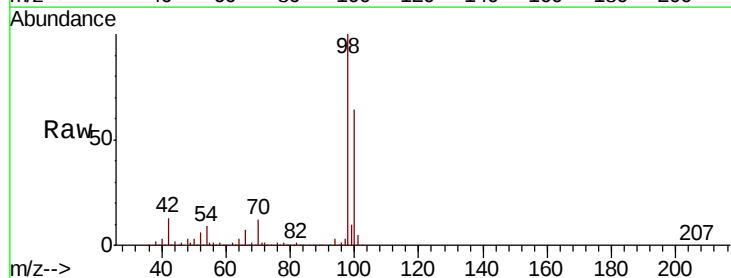
Instrument :
 MSVOA_W
 ClientSampleId :
 DPT-SB-E1-180911

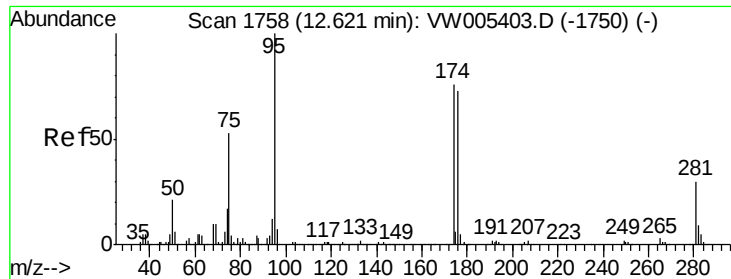
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	21.3	16.5	24.7



#50
 Toluene-d8
 Concen: 45.04 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005428.D
 Acq: 17 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

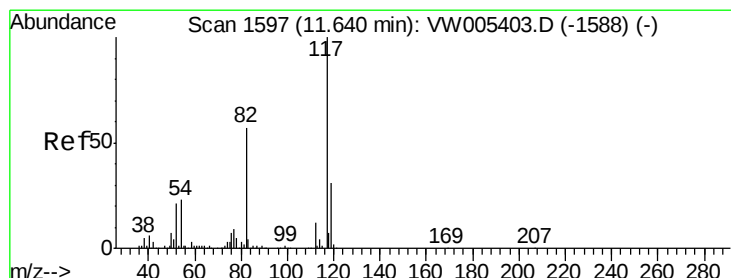
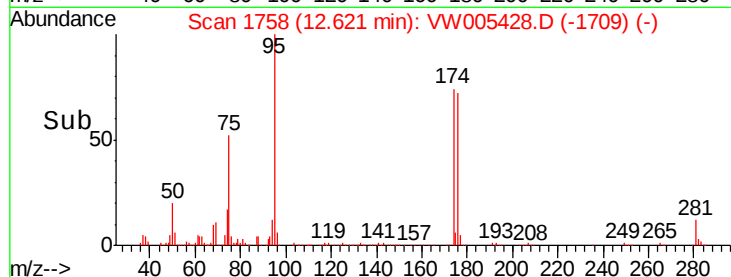
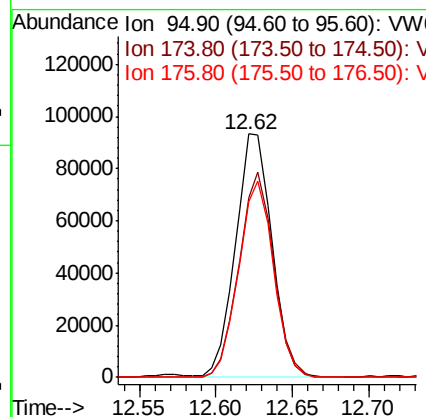
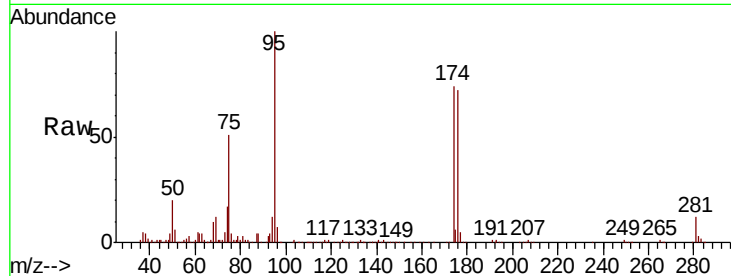




#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005428.D
Acq: 17 Sep 2018 12:57

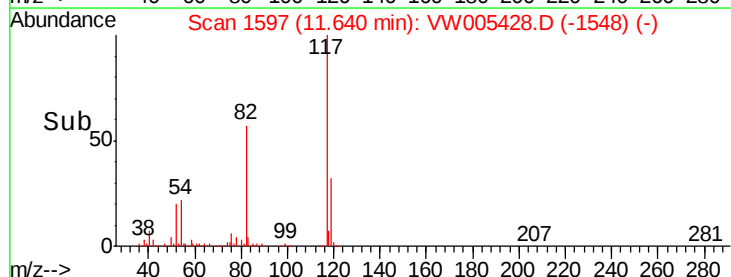
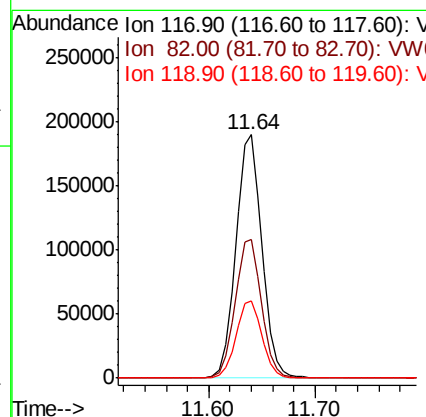
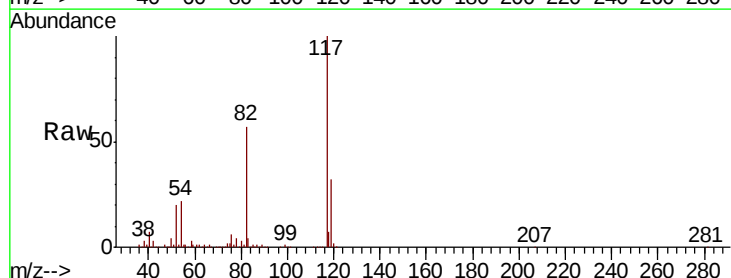
Instrument :
MSVOA_W
ClientSampleId :
DPT-SB-E1-180911

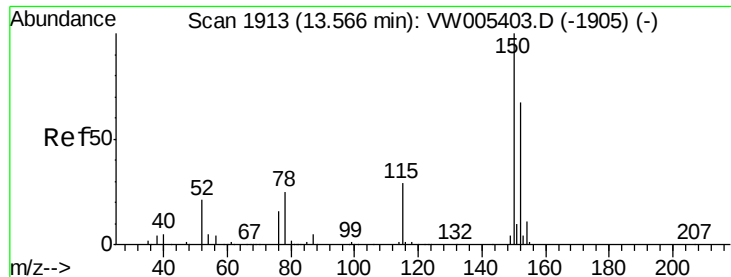
Tot Ion: 95 Resp: 152995
Ion Ratio Lower Upper
95 100
174 81.4 0.0 161.2
176 78.0 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005428.D
Acq: 17 Sep 2018 12:57

Tgt Ion: 117 Resp: 326252
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 31.5 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: VW005428.D

Acq: 17 Sep 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

DPT-SB-E1-180911

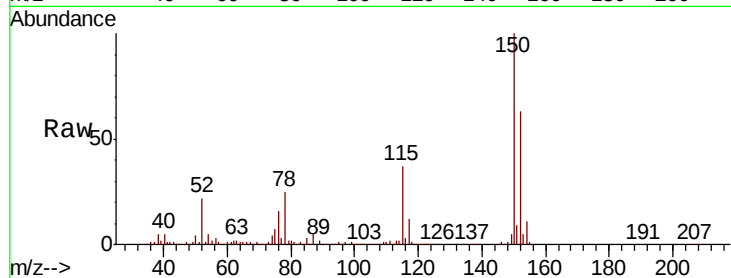
Tot Ion:152 Resp: 168383

Ion Ratio Lower Upper

152 100

115 58.6 29.5 88.5

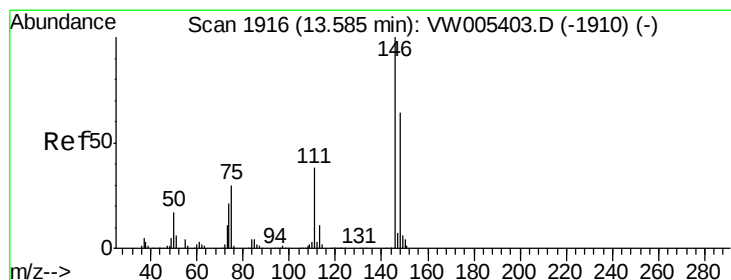
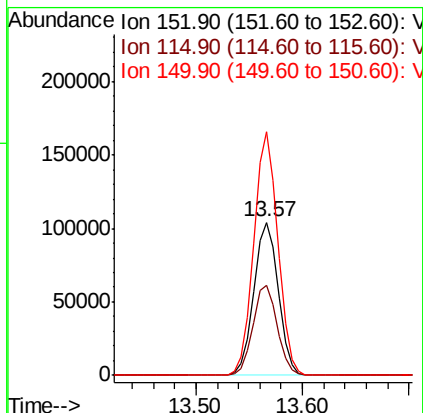
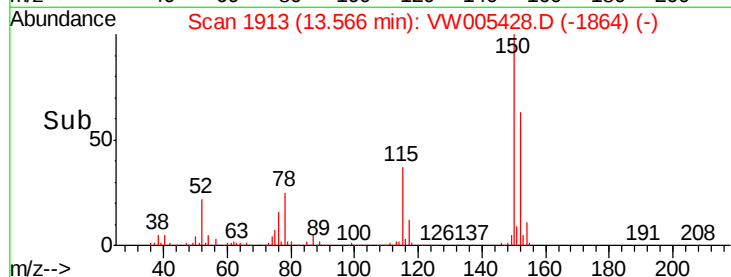
150 155.9 0.0 345.6



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



#88

1,4-Dichlorobenzene

Concen: 1.53 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005428.D

Acq: 17 Sep 2018 12:57

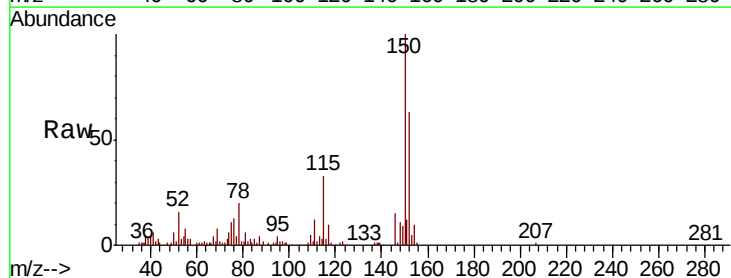
Tgt Ion:146 Resp: 8511

Ion Ratio Lower Upper

146 100

111 103.8 19.6 58.8#

148 71.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

