

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005433.D
 Acq On : 17 Sep 2018 15:03
 Operator : SY/AP
 Sample : J4773-07
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-091418-D

Quant Time: Sep 18 01:44:26 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	242299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131397	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	120267	47.82	ug/l	0.00
Spiked Amount						
			Recovery	=	95.64%	
35) Dibromofluoromethane	7.90	113	97659	45.78	ug/l	0.00
Spiked Amount						
			Recovery	=	91.56%	
50) Toluene-d8	10.33	98	383694	39.28	ug/l	0.00
Spiked Amount						
			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	12.63	95	128523	35.88	ug/l	0.00
Spiked Amount						
			Recovery	=	71.76%	

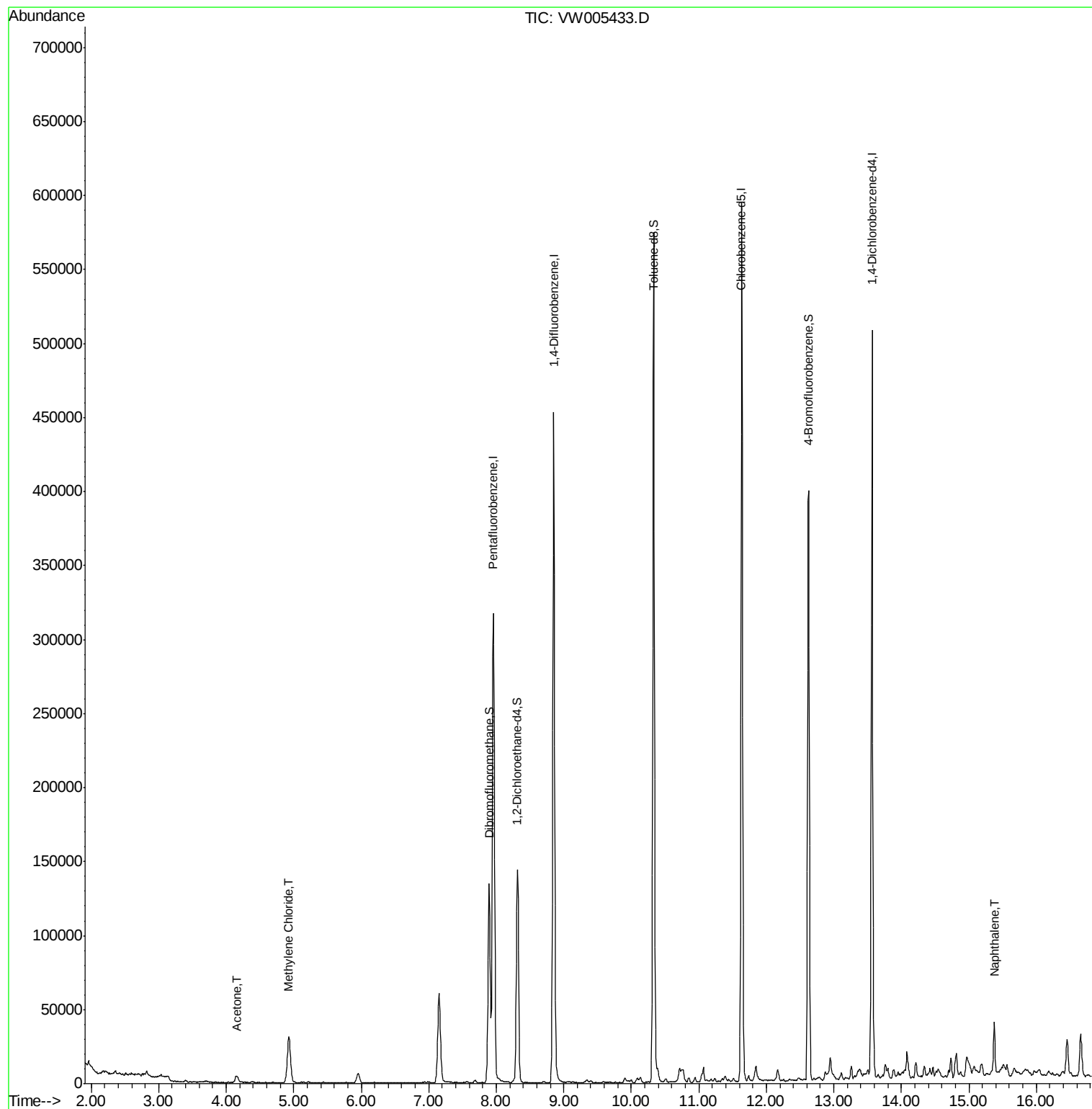
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	9386	8.55	ug/l	97
20) Methylene Chloride	4.92	84	24447	4.58	ug/l	95
95) Naphthalene	15.38	128	30795	7.17	ug/l	97

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

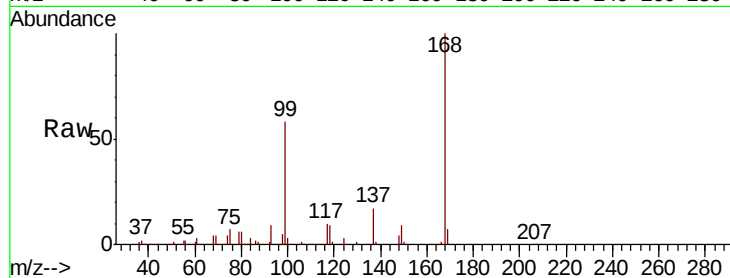
CL-01-091418-D

Tot Ion:168 Resp: 242299

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

120000

100000

80000

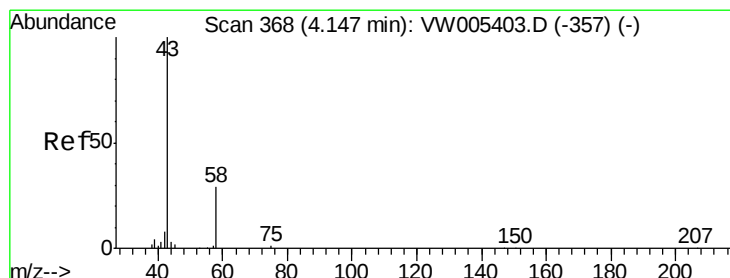
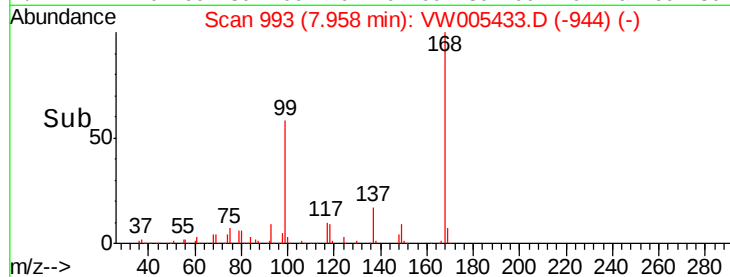
60000

40000

20000

0

Time--> 7.80 8.00 8.20



#16

Acetone

Concen: 8.55 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005433.D

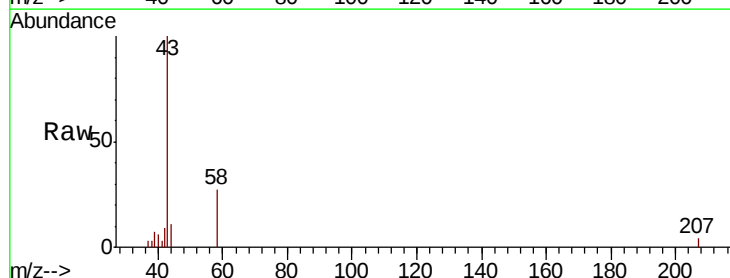
Acq: 17 Sep 2018 15:03

Tgt Ion: 43 Resp: 9386

Ion Ratio Lower Upper

43 100

58 26.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

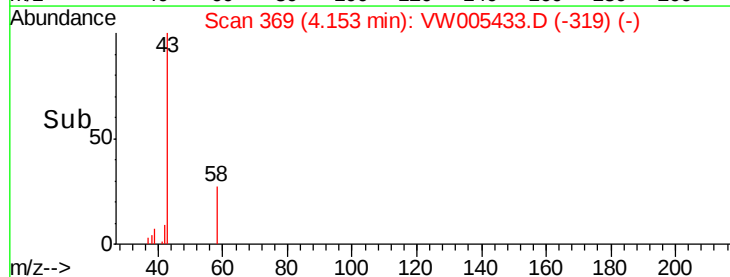
3000

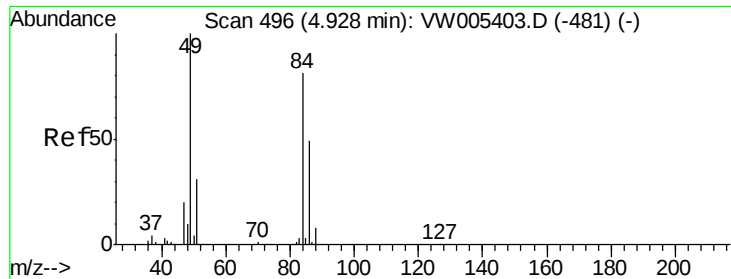
2000

1000

0

Time--> 4.10 4.20 4.30

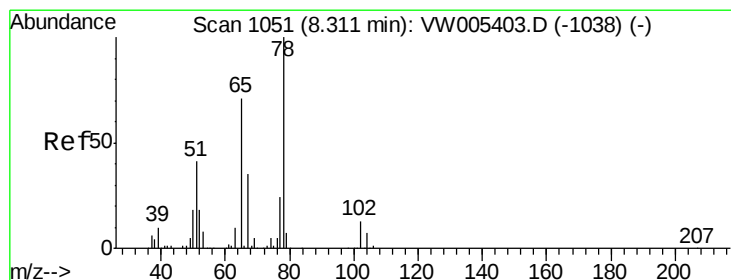
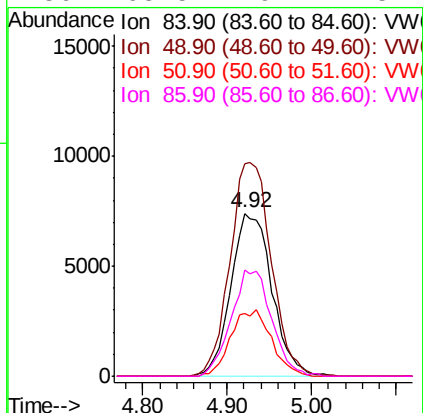
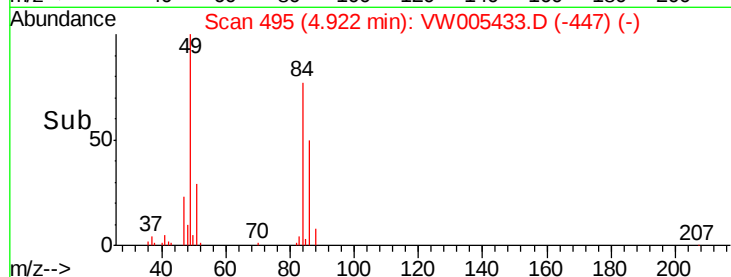
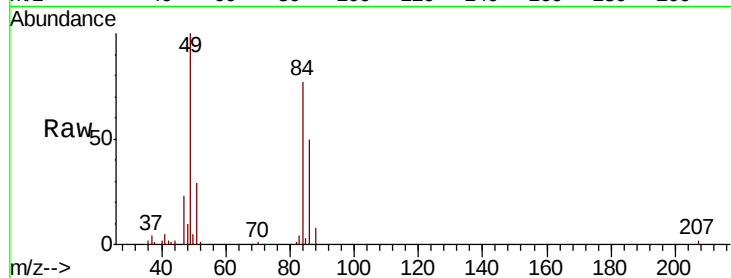




#20
Methylene Chloride
Concen: 4.58 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

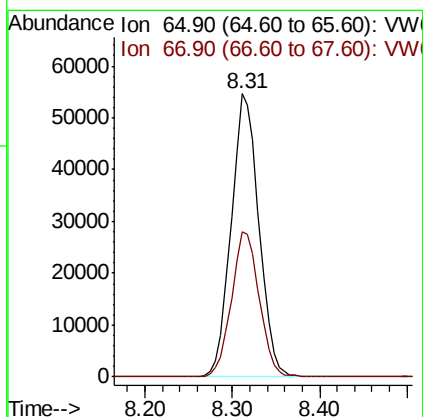
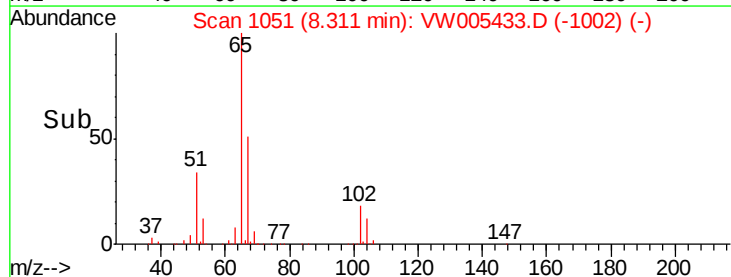
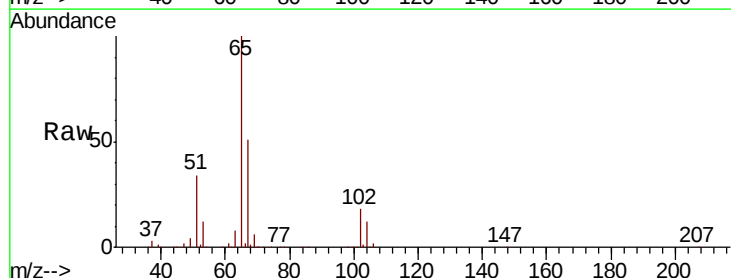
Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

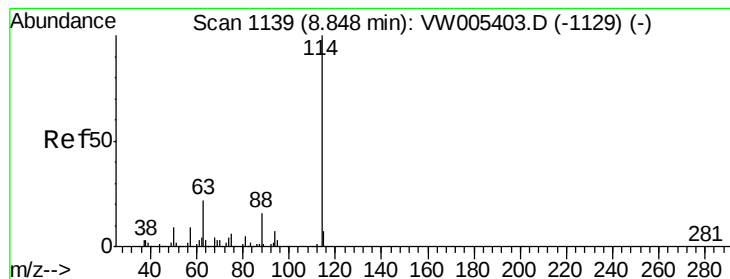
Tot Ion: 84 Resp: 24447
Ion Ratio Lower Upper
84 100
49 130.7 99.3 148.9
51 38.4 31.1 46.7
86 65.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 47.82 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 65 Resp: 120267
Ion Ratio Lower Upper
65 100
67 51.6 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: VW005433.D

Acq: 17 Sep 2018 15:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-D

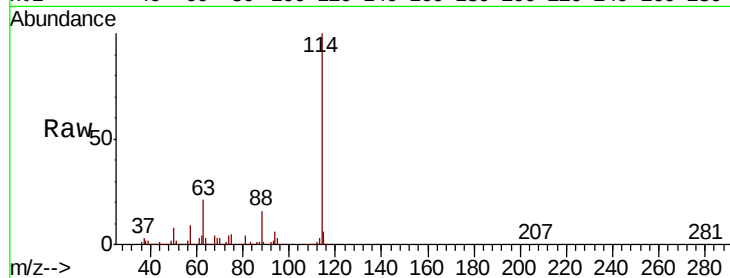
Tot Ion:114 Resp: 380464

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

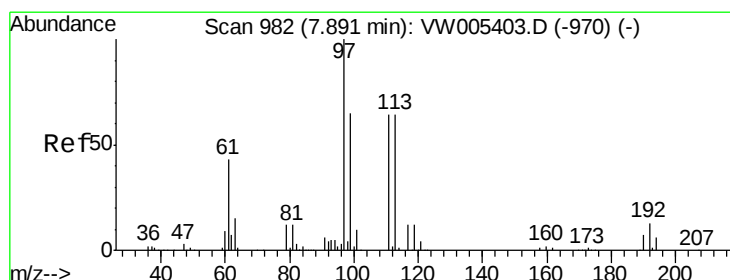
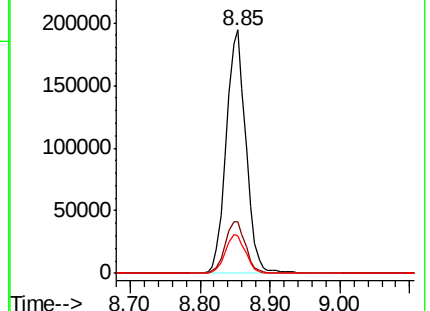
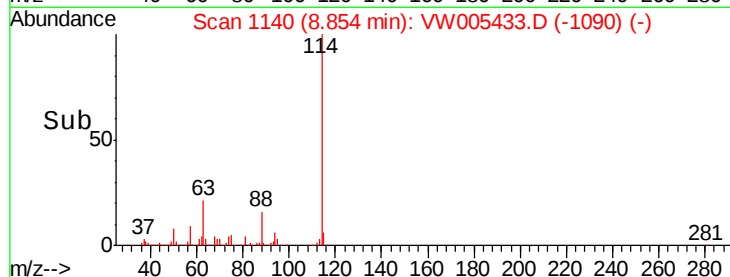
88 15.5 0.0 31.8



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: 45.78 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005433.D

Acq: 17 Sep 2018 15:03

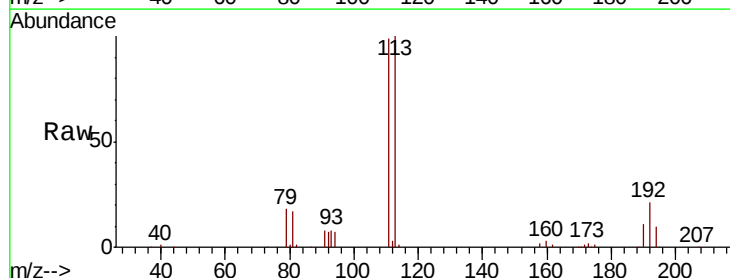
Tgt Ion:113 Resp: 97659

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

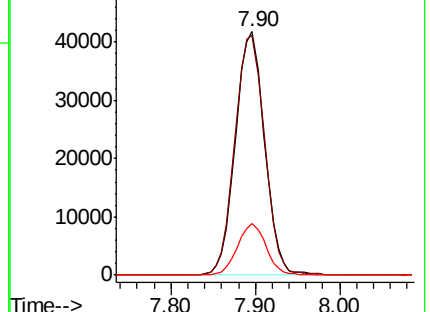
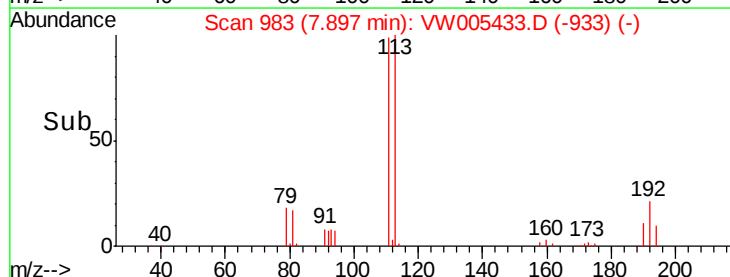
192 20.5 16.5 24.7

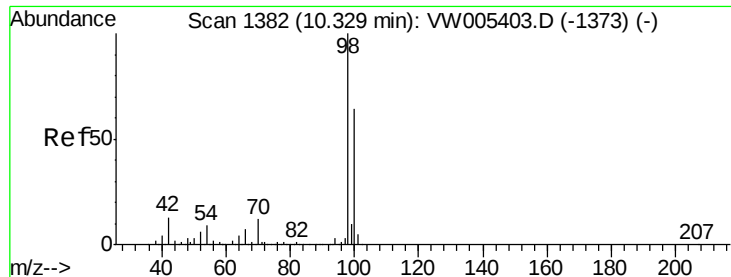


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.28 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005433.D

Acq: 17 Sep 2018 15:03

Instrument :

MSVOA_W

ClientSampleId :

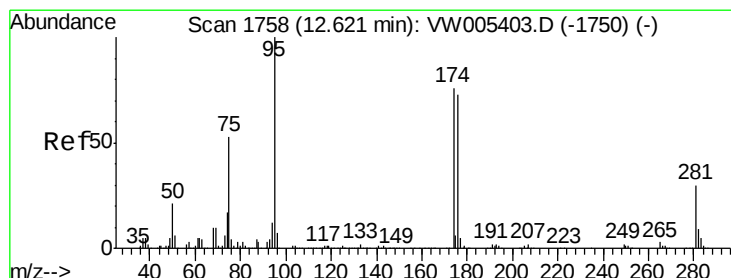
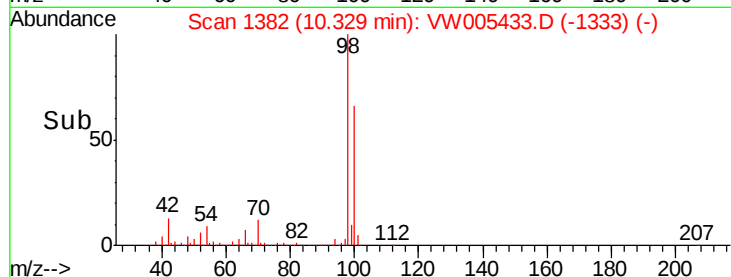
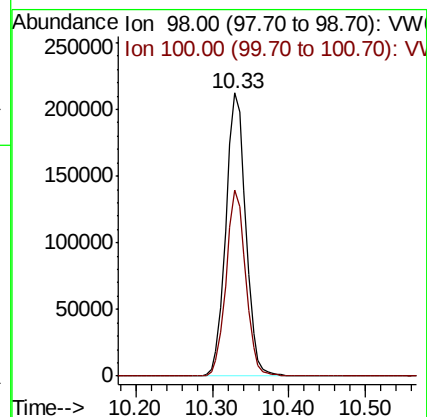
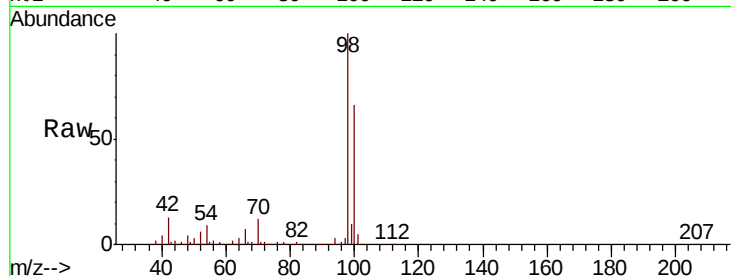
CL-01-091418-D

Tot Ion: 98 Resp: 383694

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 35.88 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005433.D

Acq: 17 Sep 2018 15:03

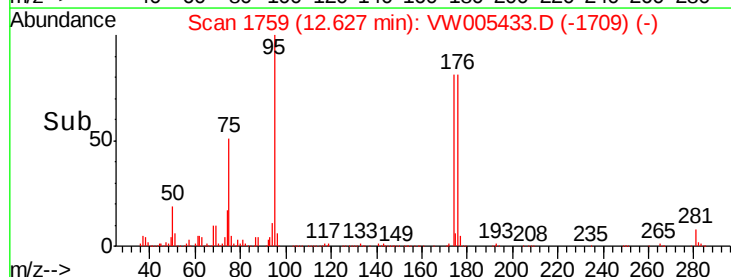
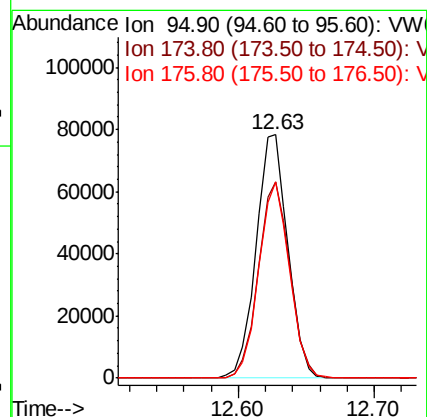
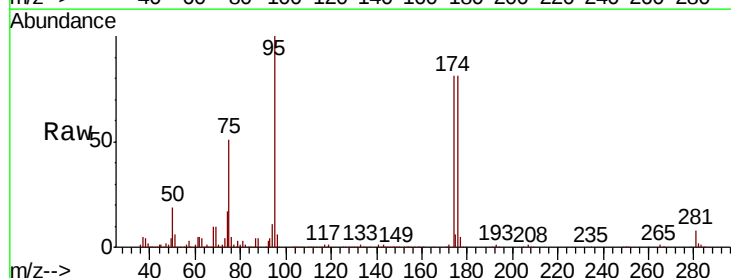
Tgt Ion: 95 Resp: 128523

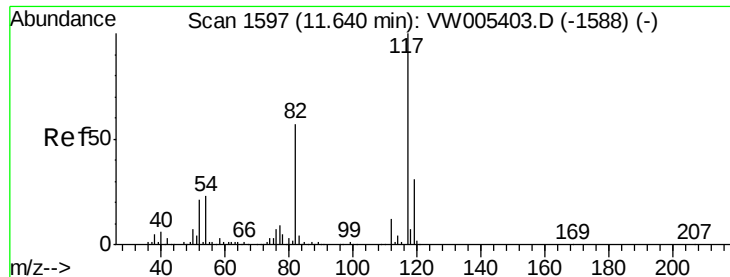
Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.2

176 78.2 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: VW005433.D

Acq: 17 Sep 2018 15:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-091418-D

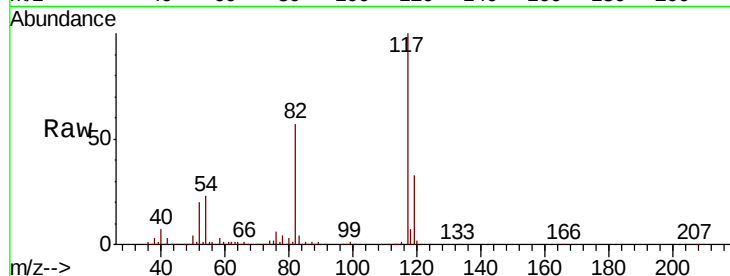
Tot Ion:117 Resp: 334416

Ion Ratio Lower Upper

117 100

82 57.5 45.9 68.9

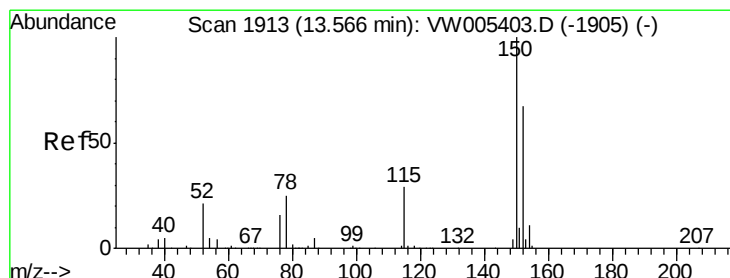
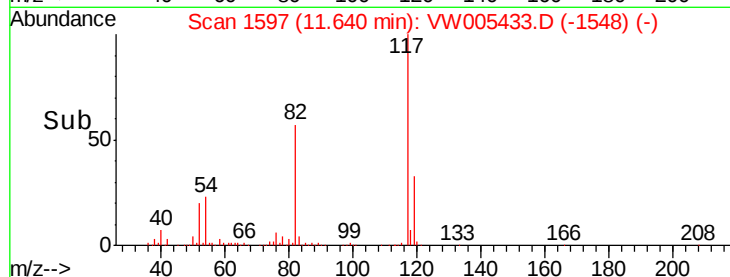
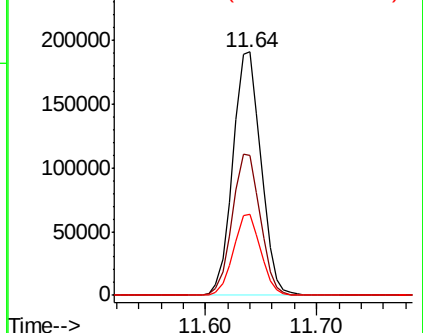
119 33.1 24.8 37.2



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005433.D

Acq: 17 Sep 2018 15:03

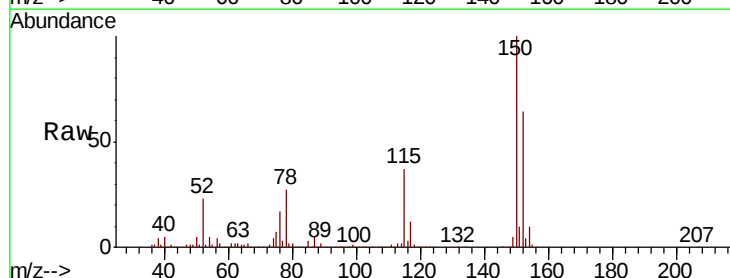
Tgt Ion:152 Resp: 131397

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.5

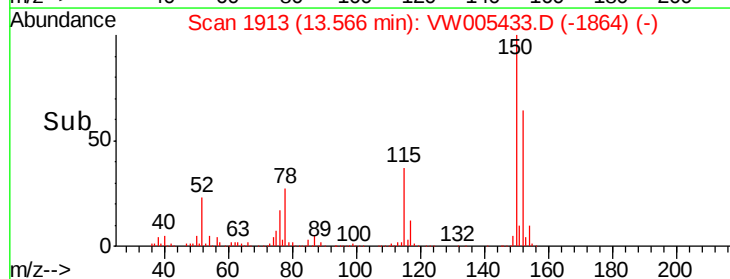
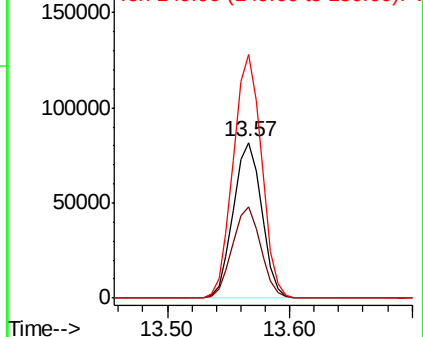
150 155.8 0.0 345.6

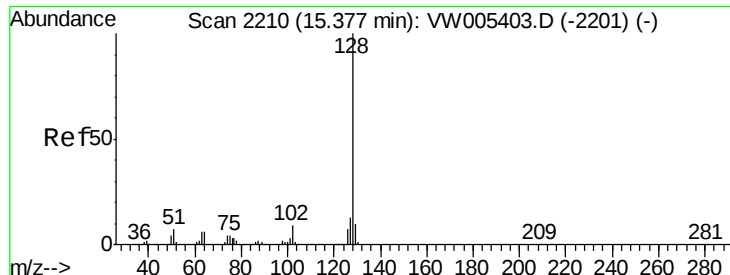


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 7.17 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	11.0	16.4
129	12.0	8.7	13.1

