

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004014.D
 Acq On : 18 Jul 2018 06:02
 Operator : VA/AP
 Sample : J3829-05RE
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-CRE

Quant Time: Jul 18 07:53:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	199122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	102973	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	115188	65.73	ug/l	0.00
Spiked Amount			Recovery	=	131.46%	
35) Dibromofluoromethane	7.88	113	99677	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
50) Toluene-d8	10.33	98	252162	35.56	ug/l	0.00
Spiked Amount			Recovery	=	71.12%	
62) 4-Bromofluorobenzene	12.63	95	108744	42.53	ug/l	0.00
Spiked Amount			Recovery	=	85.06%	

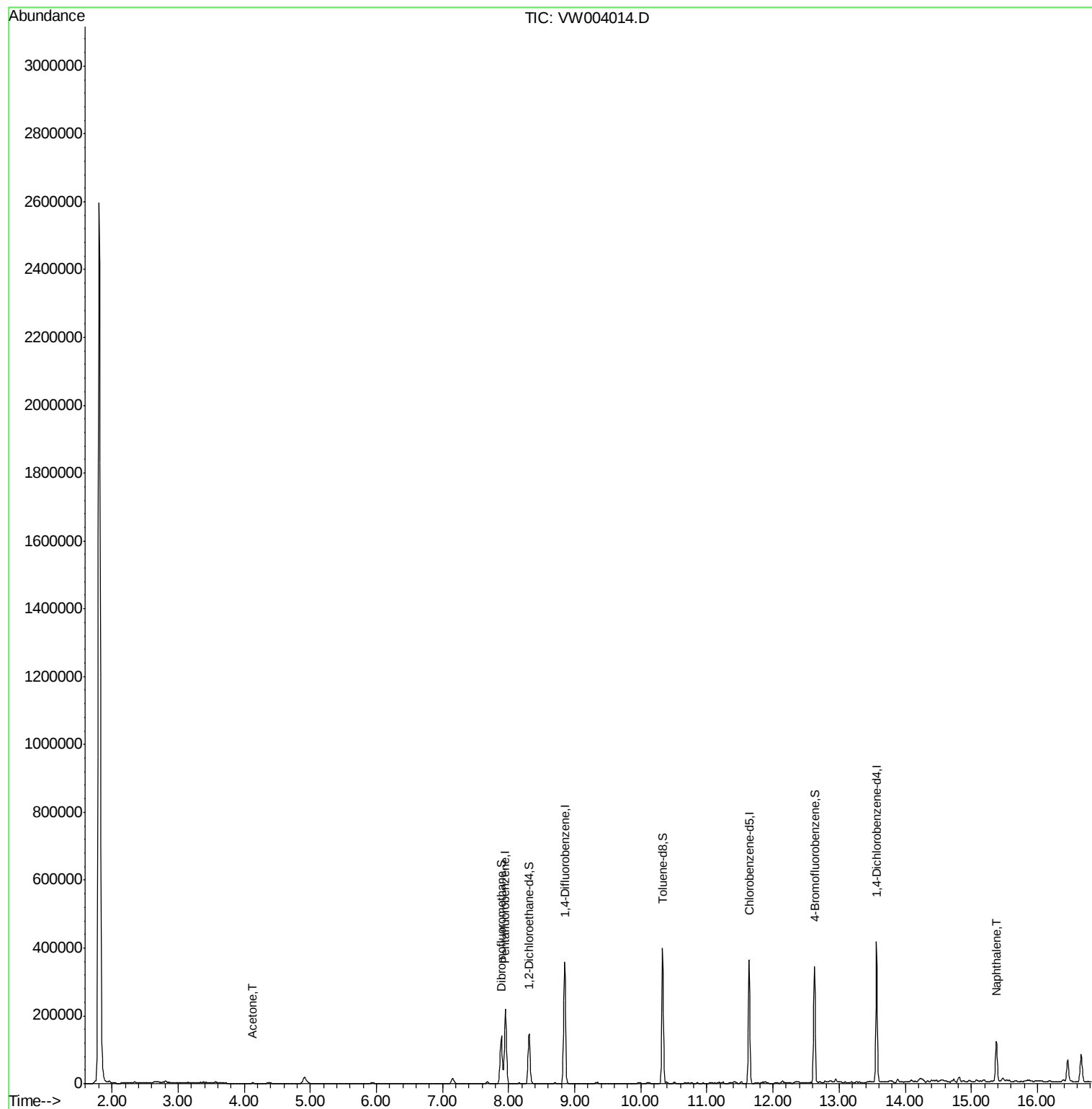
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2634	6.26	ug/l	# 87
95) Naphthalene	15.38	128	101577	25.29	ug/l	100

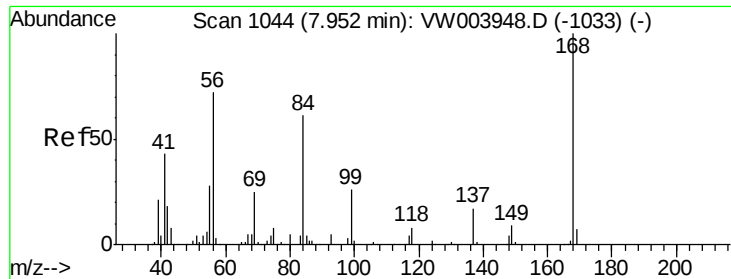
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004014.D

Acq: 18 Jul 2018 06:02

Instrument :

MSVOA_W

ClientSampleId :

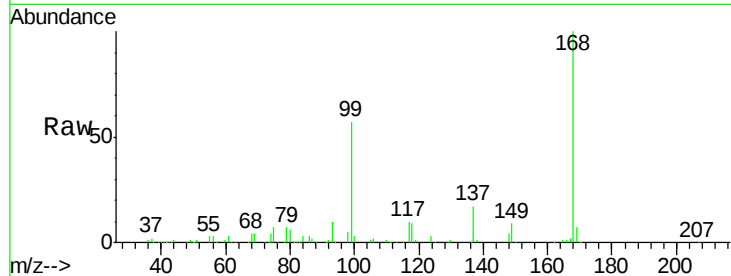
PL-01-071318-CRE

Tot Ion:168 Resp: 156773

Ion Ratio Lower Upper

168 100

99 56.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

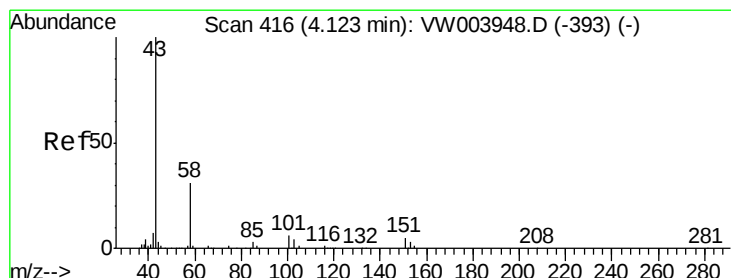
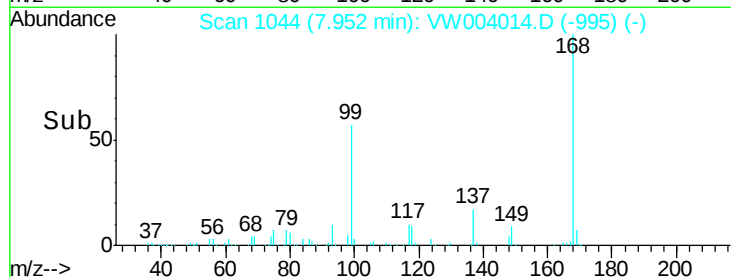
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.26 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004014.D

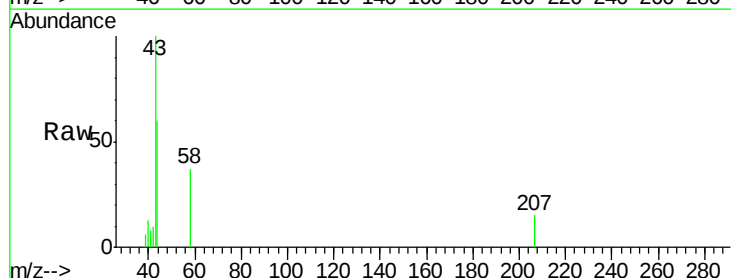
Acq: 18 Jul 2018 06:02

Tgt Ion: 43 Resp: 2634

Ion Ratio Lower Upper

43 100

58 37.5 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1000

800

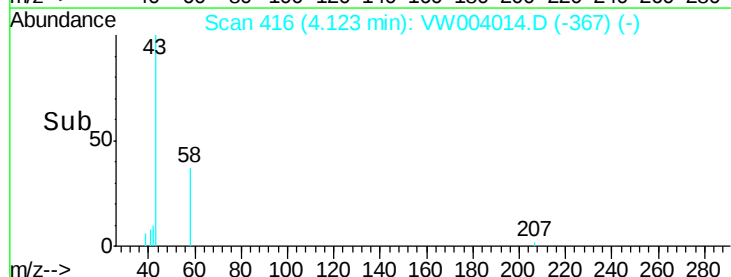
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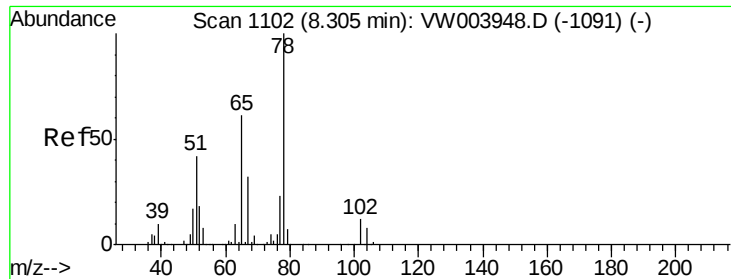
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200

0

Time-->

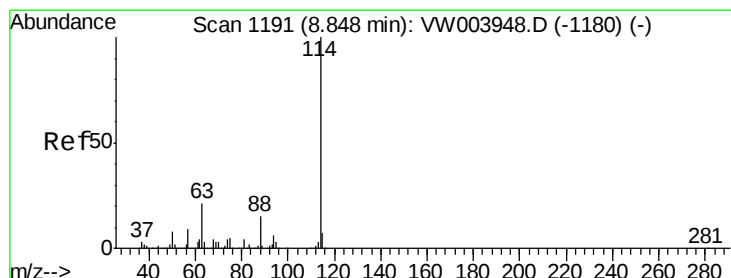
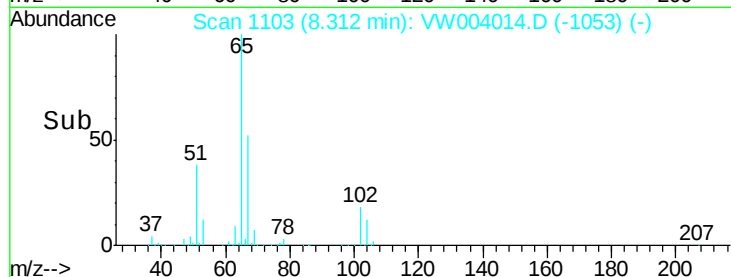
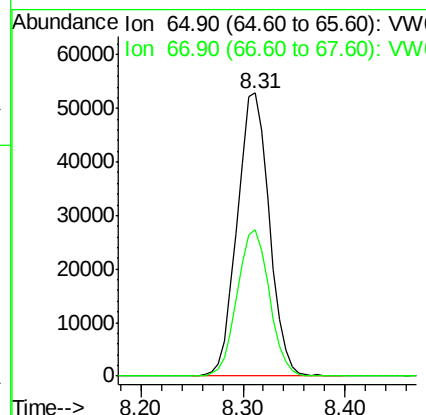
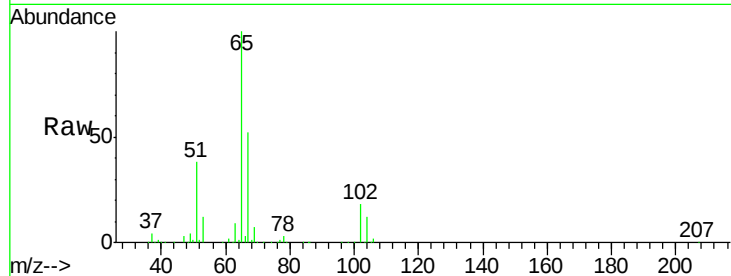




#33
 1,2-Dichloroethane-d4
 Concen: 65.73 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004014.D
 Acq: 18 Jul 2018 06:02

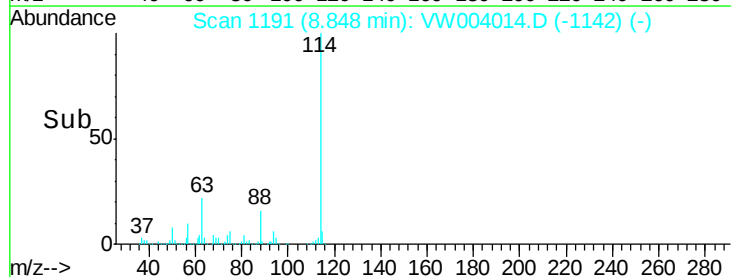
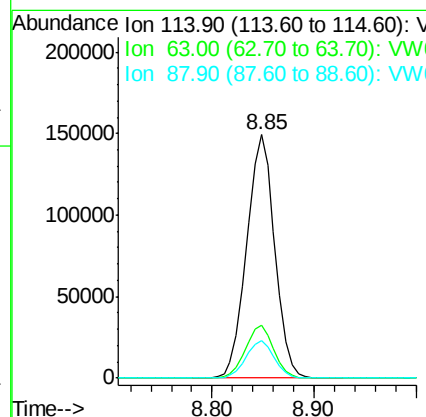
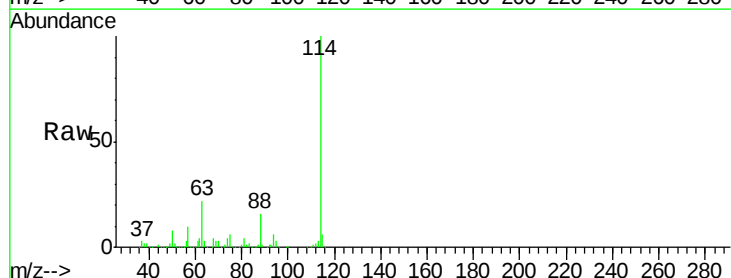
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-CRE

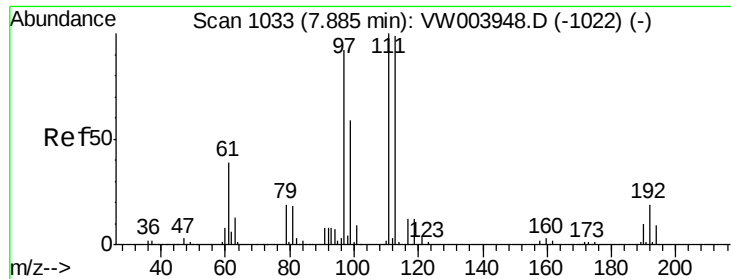
Tot Ion: 65 Resp: 115188
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004014.D
 Acq: 18 Jul 2018 06:02

Tgt Ion: 114 Resp: 284791
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.8
 88 15.5 0.0 30.4

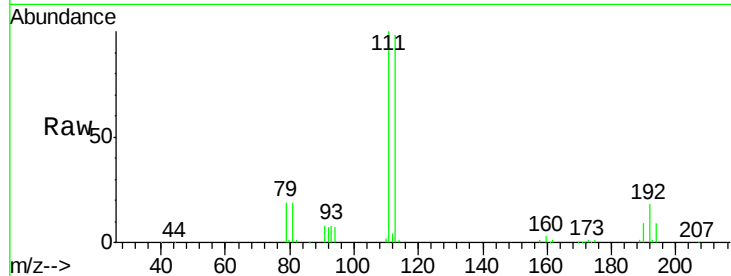




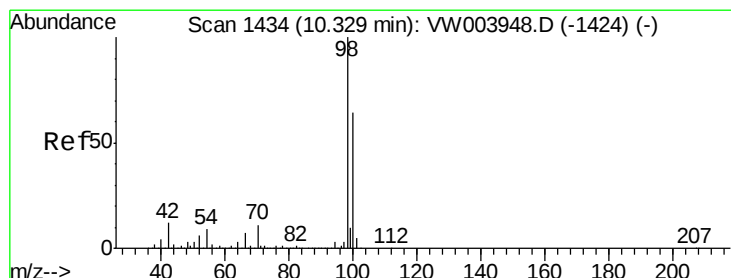
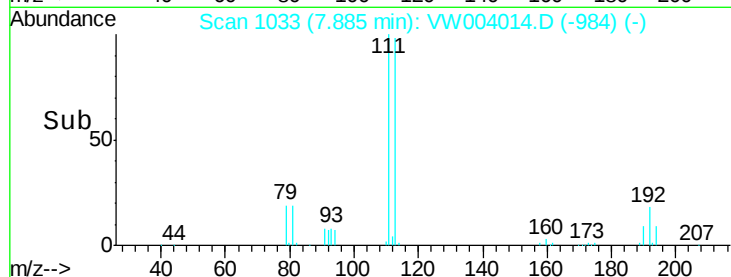
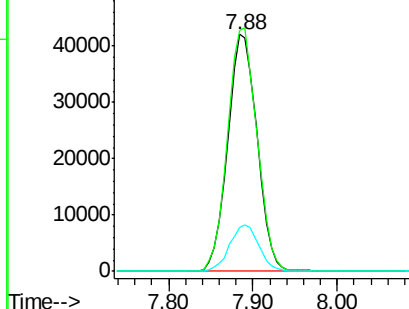
#35
Dibromofluoromethane
Concen: 54.55 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004014.D
Acq: 18 Jul 2018 06:02

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-CRE

Tot Ion:113 Resp: 99677
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.4 15.8 23.6

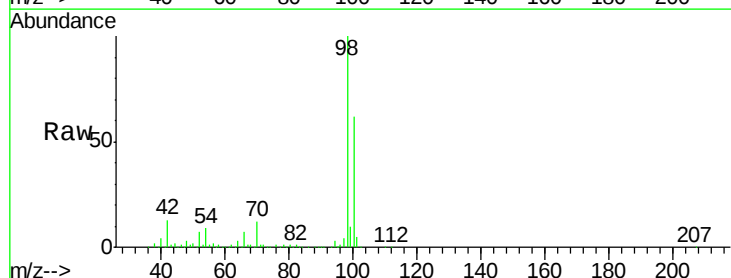


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

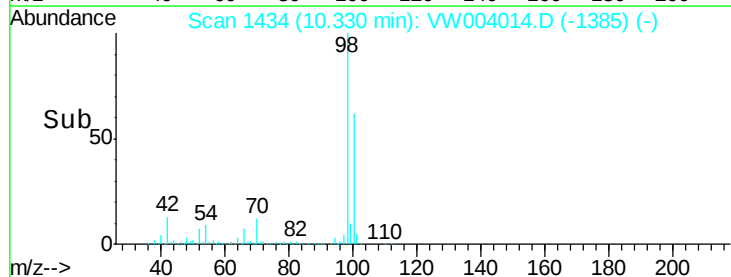
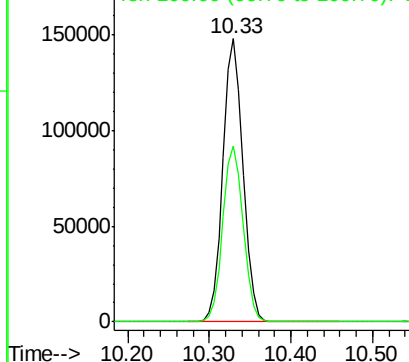


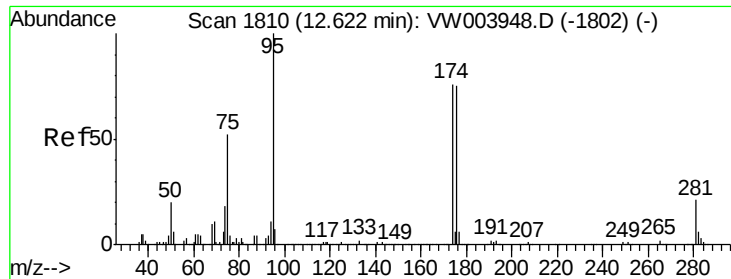
#50
Toluene-d8
Concen: 35.56 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004014.D
Acq: 18 Jul 2018 06:02

Tgt Ion: 98 Resp: 252162
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

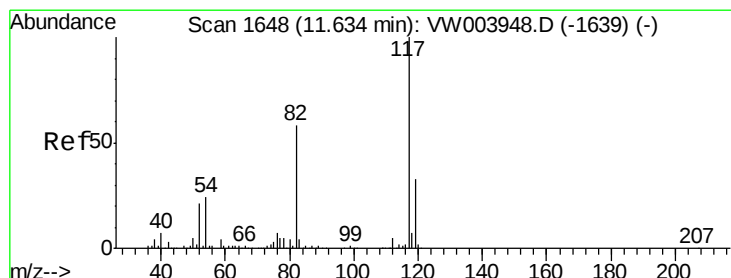
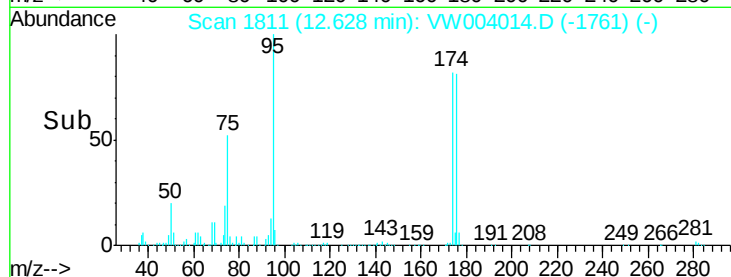
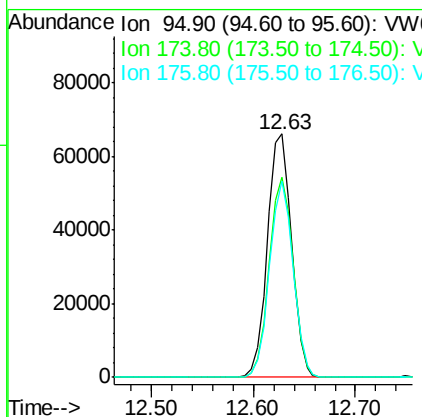
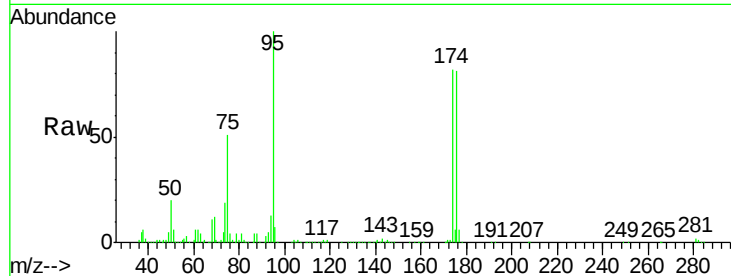




#62
4-Bromofluorobenzene
Concen: 42.53 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004014.D
Acq: 18 Jul 2018 06:02

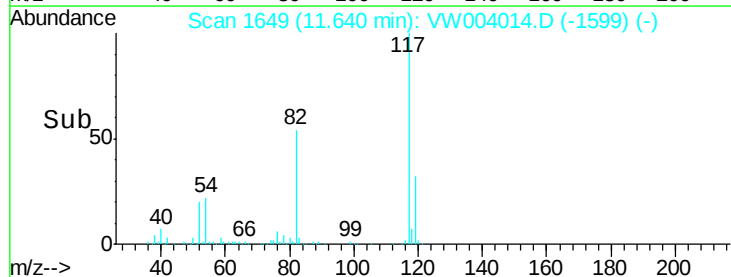
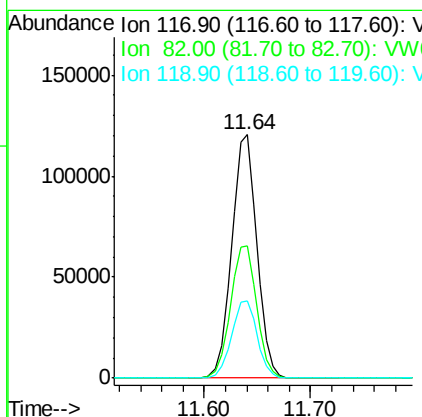
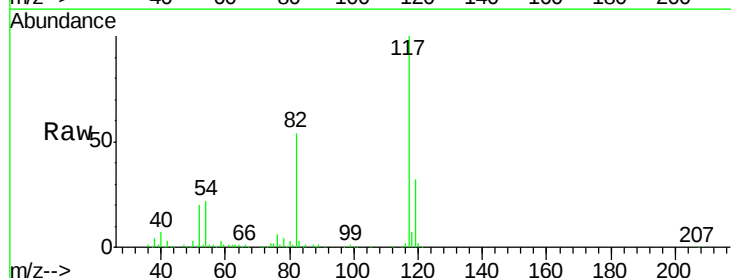
Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-CRE

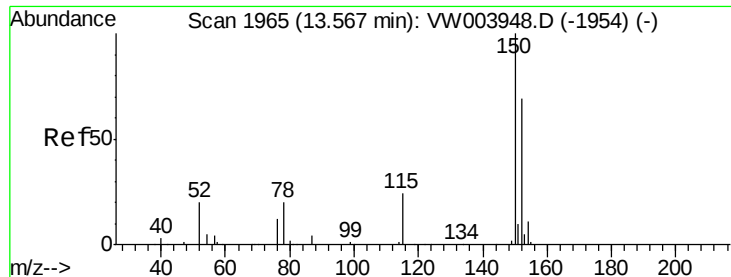
Tot Ion: 95 Resp: 108744
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.2
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004014.D
Acq: 18 Jul 2018 06:02

Tgt Ion: 117 Resp: 199122
Ion Ratio Lower Upper
117 100
82 54.4 46.5 69.7
119 31.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004014.D

Acq: 18 Jul 2018 06:02

Instrument :

MSVOA_W

ClientSampleId :

PL-01-071318-CRE

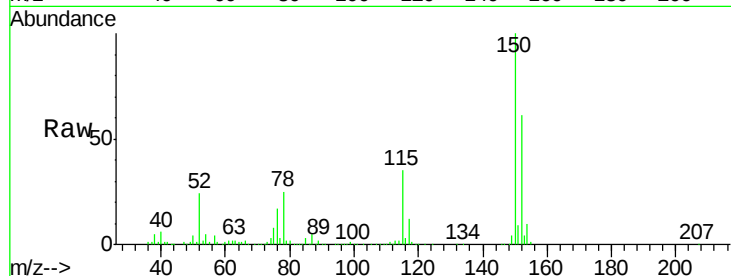
Tot Ion:152 Resp: 102973

Ion Ratio Lower Upper

152 100

115 58.7 29.2 87.6

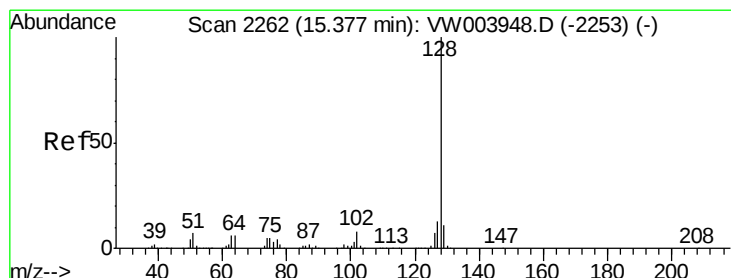
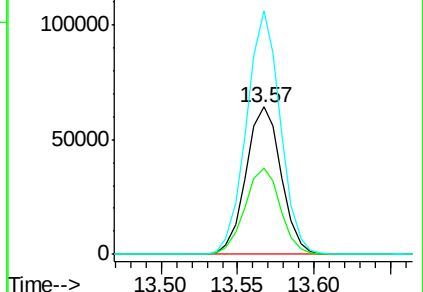
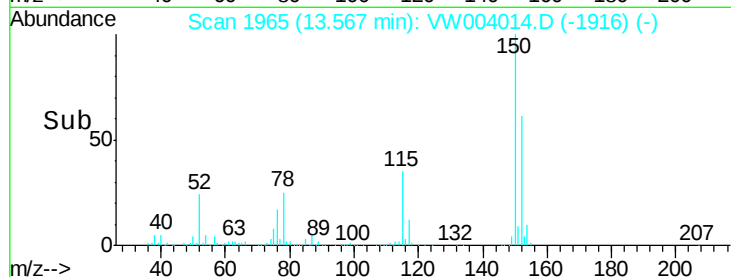
150 158.2 0.0 345.2



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



#95

Naphthalene

Concen: 25.29 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004014.D

Acq: 18 Jul 2018 06:02

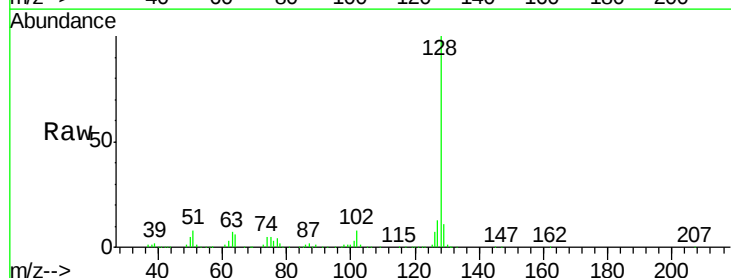
Tgt Ion:128 Resp: 101577

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

