

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062416.D
 Acq On : 16 May 2019 14:36
 Operator : FY/SY
 Sample : K2822-04
 Misc : 5.11g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-4

Quant Time: May 17 03:15:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

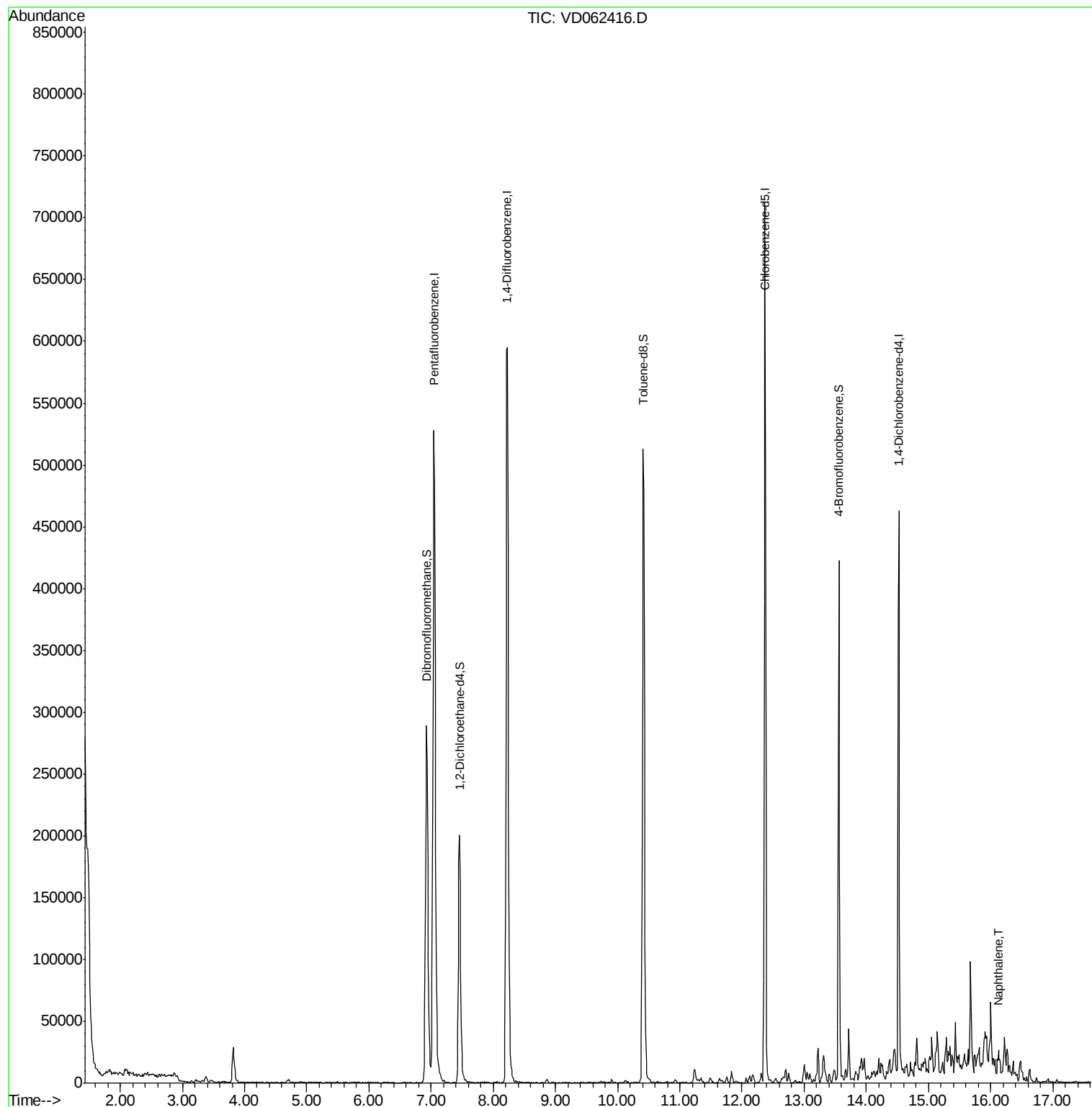
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	487640	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	661979	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	365604	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	101573	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	216378	47.75	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	6.93	113	255927	46.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.41	98	430242	32.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.98%	
62) 4-Bromofluorobenzene	13.56	95	113387	21.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	42.64%	
Target Compounds						
95) Naphthalene	16.13	128	8730	3.350	ug/l #	Qvalue 92

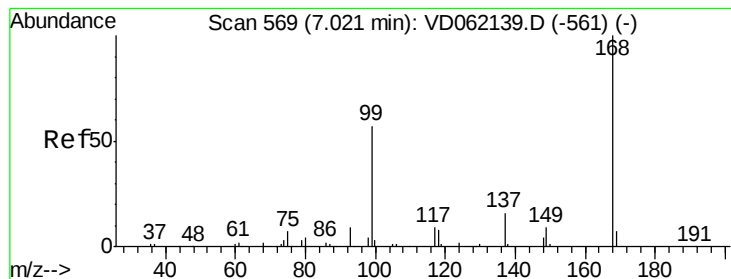
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062416.D

Acq: 16 May 2019 14:36

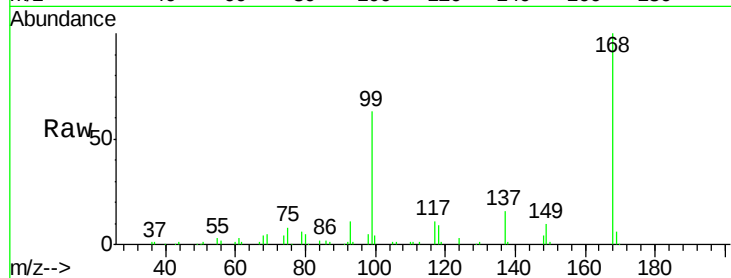
Instrument :
MSVOA_D
ClientSampled :
S-4

Tot Ion:168 Resp: 487640

Ion Ratio Lower Upper

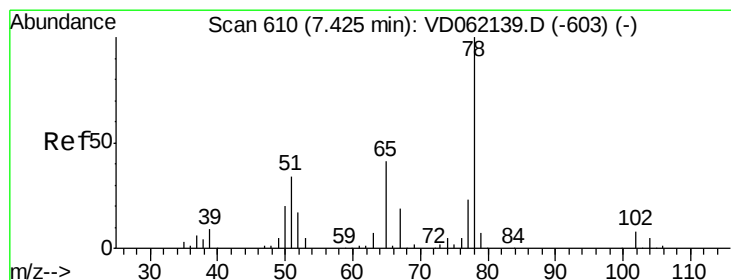
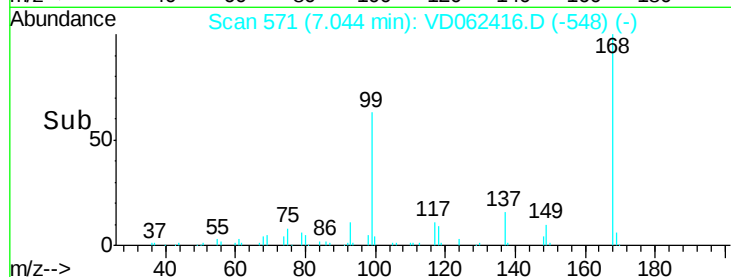
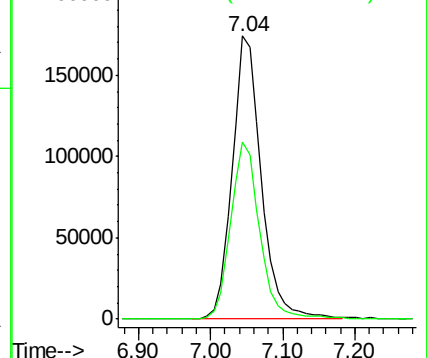
168 100

99 62.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.748 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062416.D

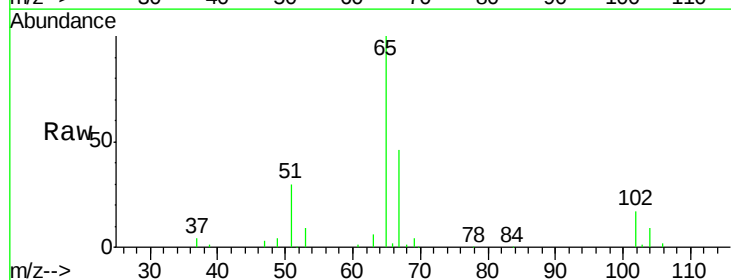
Acq: 16 May 2019 14:36

Tgt Ion: 65 Resp: 216378

Ion Ratio Lower Upper

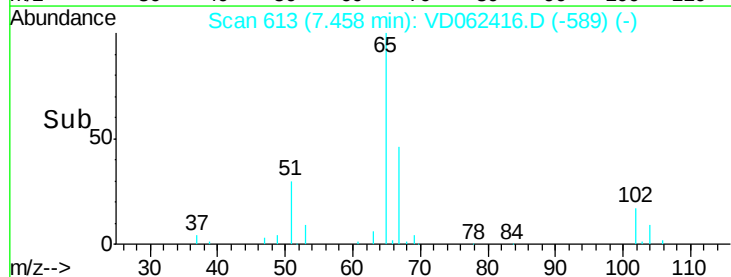
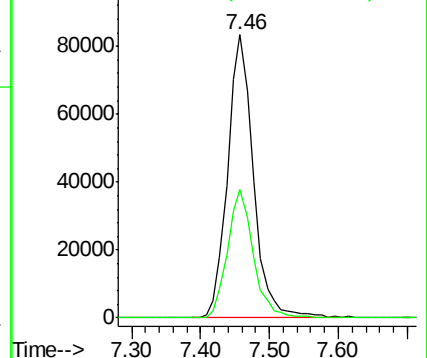
65 100

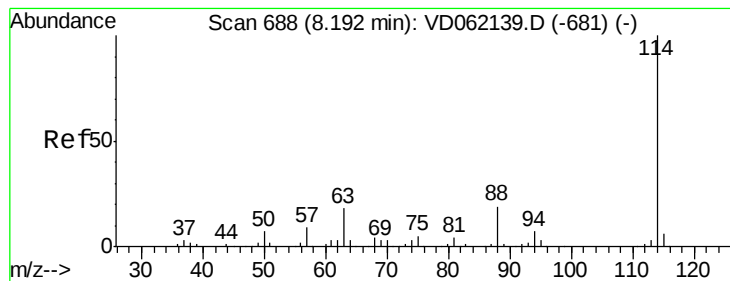
67 45.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062416.D

Acq: 16 May 2019 14:36

Instrument :

MSVOA_D

ClientSampleId :

S-4

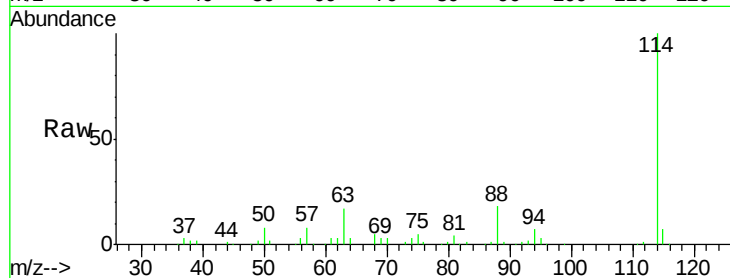
Tot Ion:114 Resp: 661979

Ion Ratio Lower Upper

114 100

63 16.9 0.0 32.4

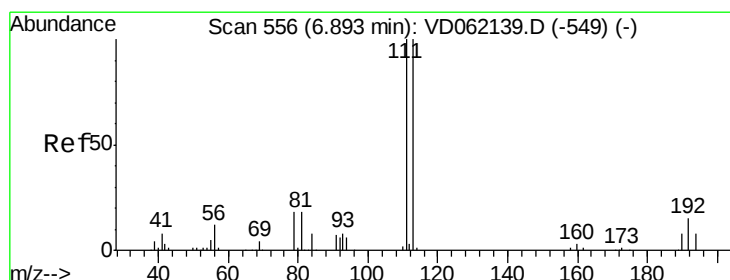
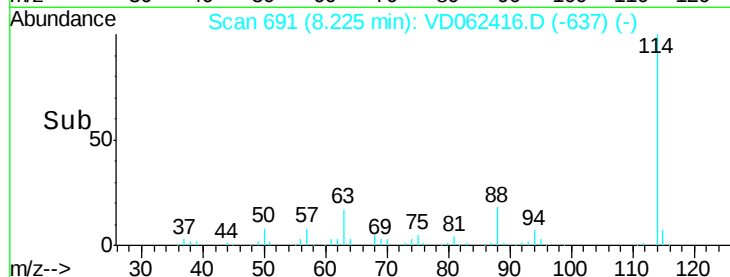
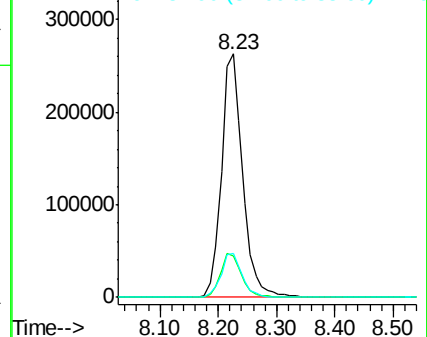
88 18.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.596 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062416.D

Acq: 16 May 2019 14:36

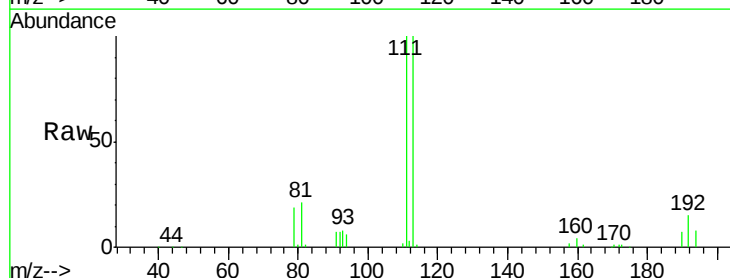
Tgt Ion:113 Resp: 255927

Ion Ratio Lower Upper

113 100

111 99.7 78.5 117.7

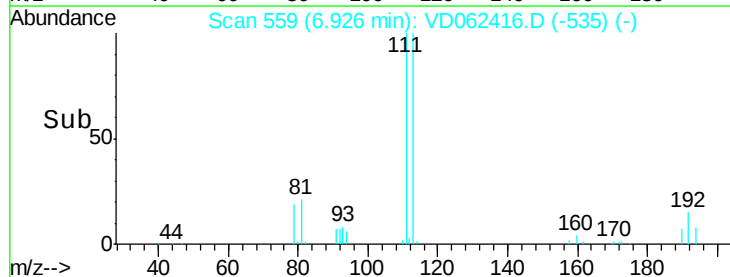
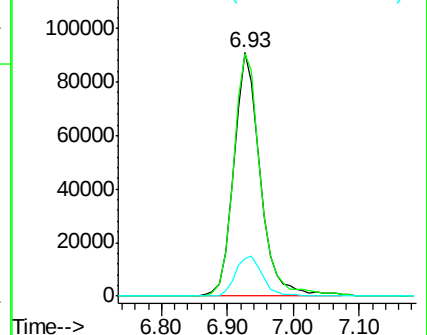
192 15.2 13.0 19.4

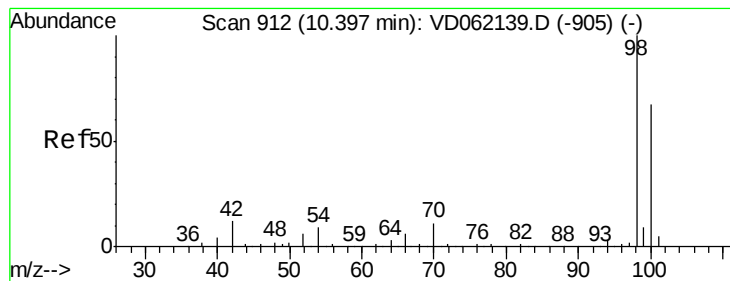


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 32.489 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062416.D

Acq: 16 May 2019 14:36

Instrument :

MSVOA_D

ClientSampleId :

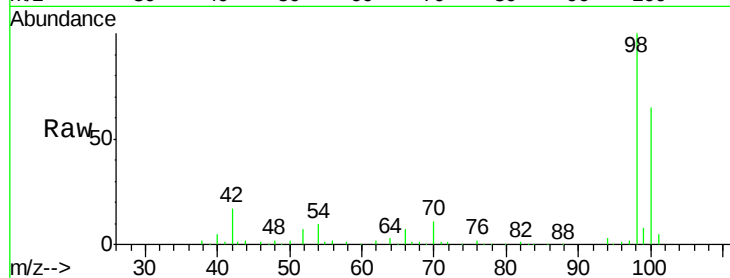
S-4

Tot Ion: 98 Resp: 430242

Ion Ratio Lower Upper

98 100

100 64.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

200000

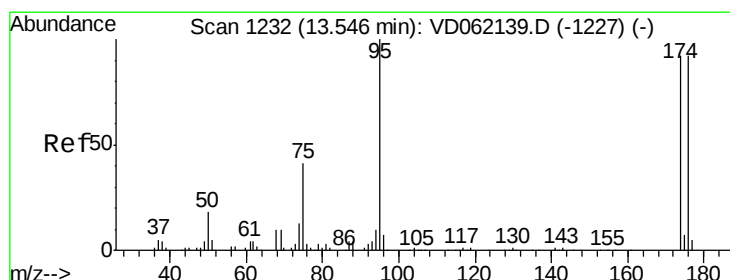
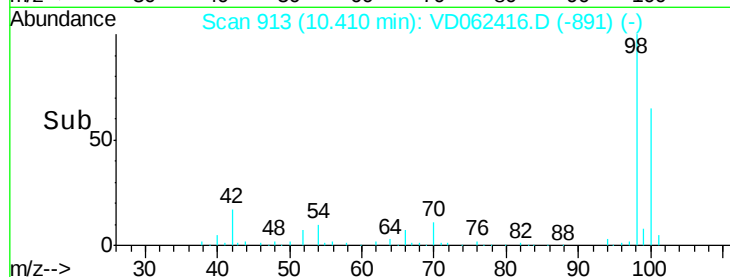
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 21.322 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062416.D

Acq: 16 May 2019 14:36

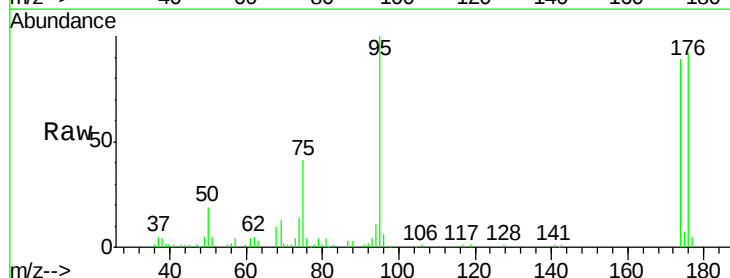
Tgt Ion: 95 Resp: 113387

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.8

176 92.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

100000

80000

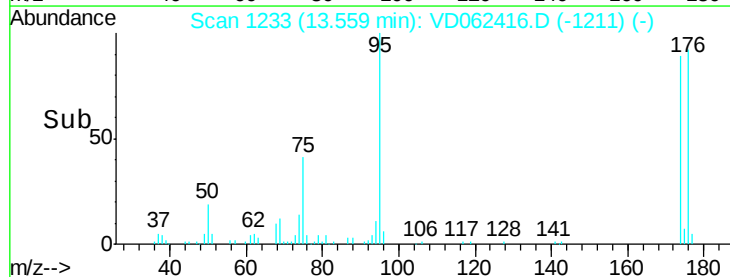
60000

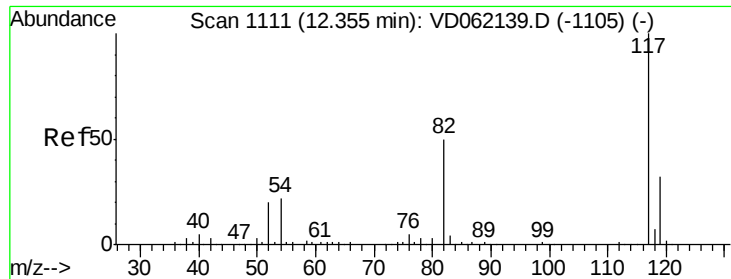
40000

20000

0

Time-->

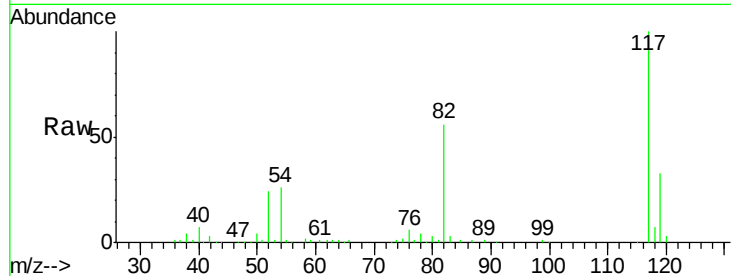




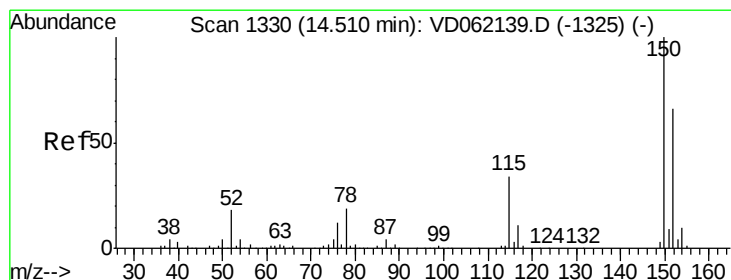
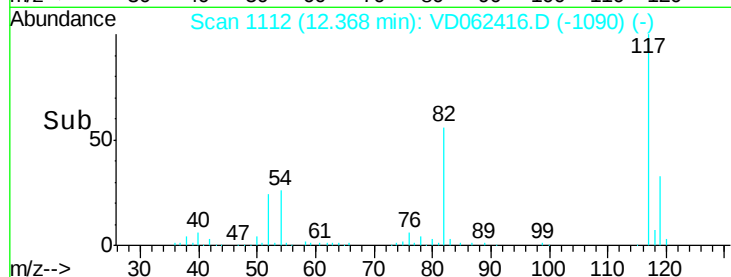
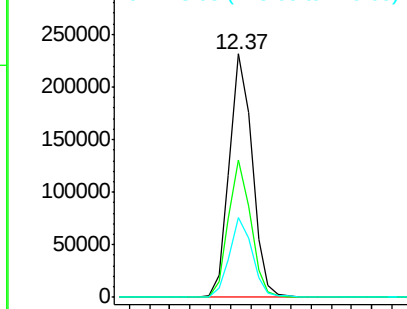
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062416.D
Acq: 16 May 2019 14:36

Instrument :
MSVOA_D
ClientSampled :
S-4

Tot Ion:117 Resp: 365604
Ion Ratio Lower Upper
117 100
82 56.3 36.2 54.2#
119 32.6 26.2 39.4

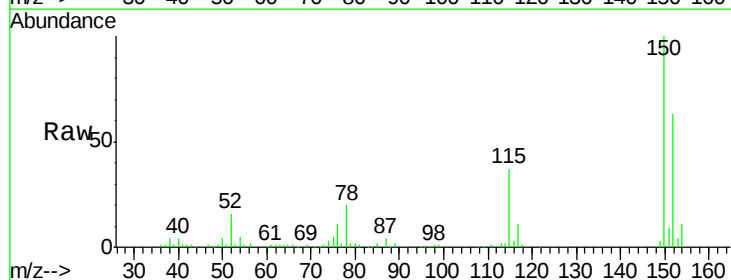


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

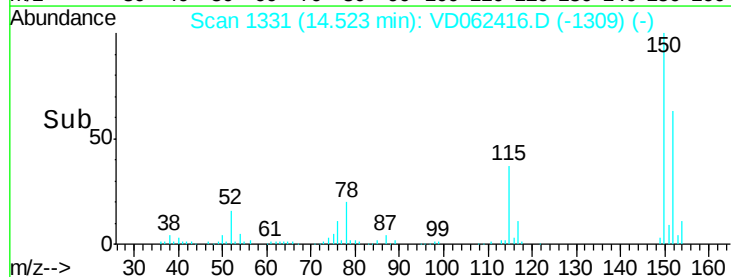
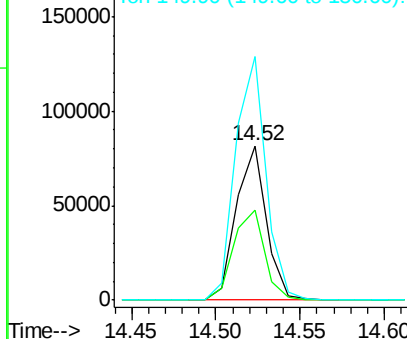


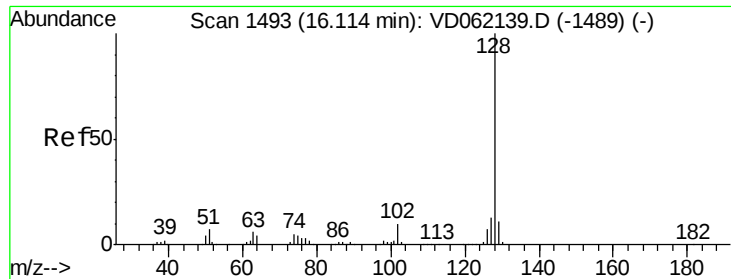
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062416.D
Acq: 16 May 2019 14:36

Tgt Ion:152 Resp: 101573
Ion Ratio Lower Upper
152 100
115 58.1 30.9 92.7
150 158.0 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

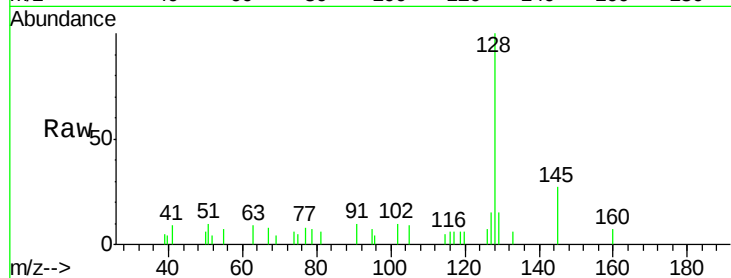




#95
Naphthalene
Concen: 3.350 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062416.D
Acq: 16 May 2019 14:36

Instrument :
MSVOA_D
ClientSampleId :
S-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	9.8	14.8
129	15.1	8.8	13.2



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

