

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061185.D
 Acq On : 19 Mar 2019 15:17
 Operator : VA/AP
 Sample : I.BLK
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0320

Quant Time: Mar 20 01:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	708376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1137006	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	954963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	423140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	272957	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	6.91	113	434635	51.51	ug/l	-0.02
Spiked Amount			Recovery	=	103.02%	
50) Toluene-d8	10.39	98	1049696	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	13.54	95	407520	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	

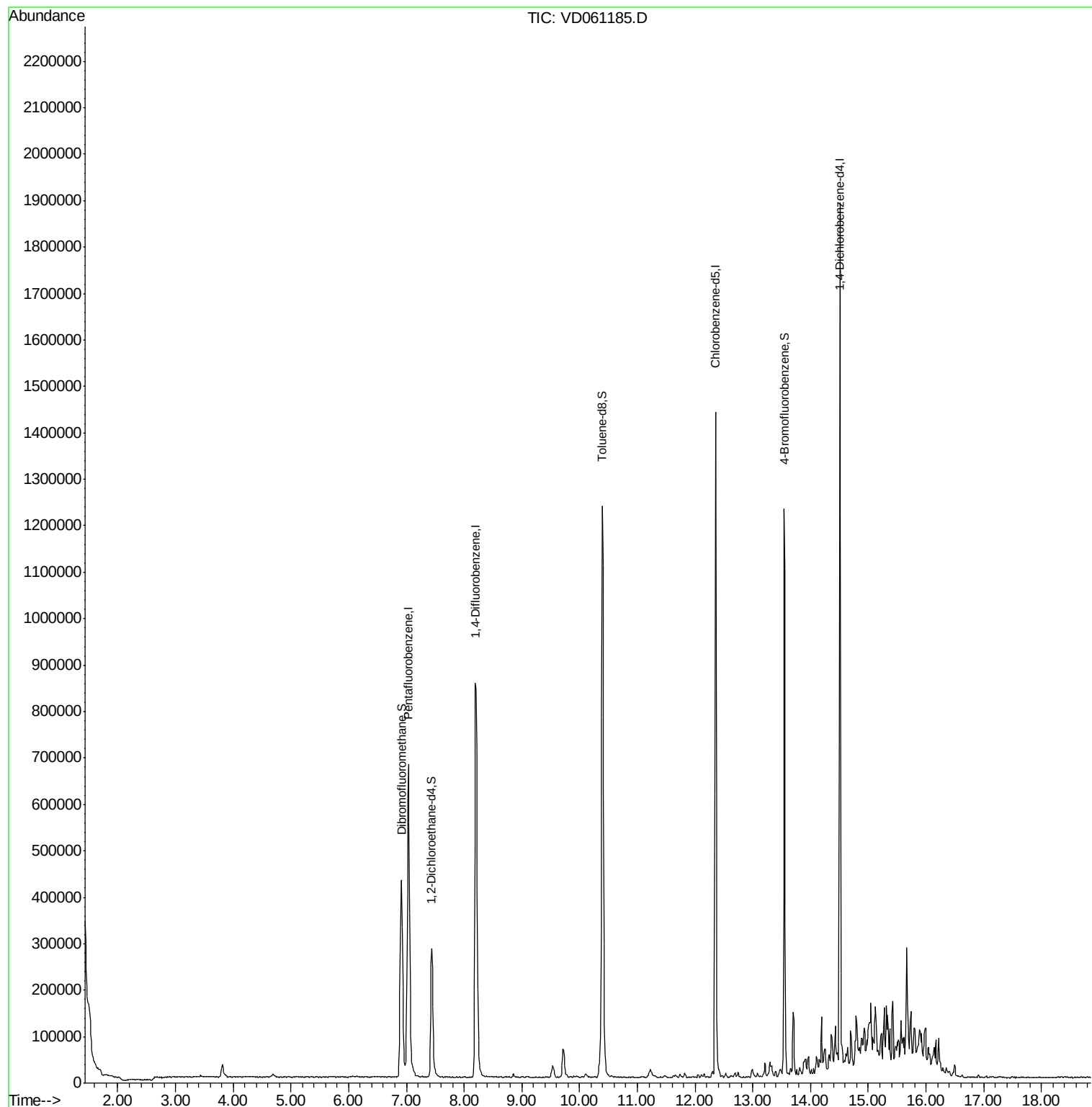
Target Compounds	Qvalue
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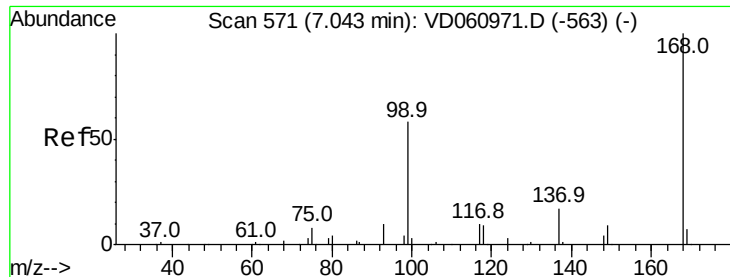
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061185.D

Acq: 19 Mar 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

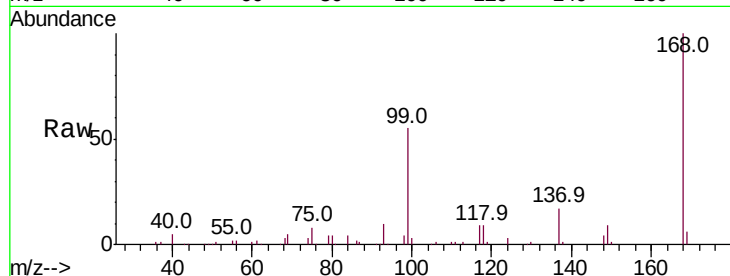
VD0320

Tot Ion:168 Resp: 708376

Ion Ratio Lower Upper

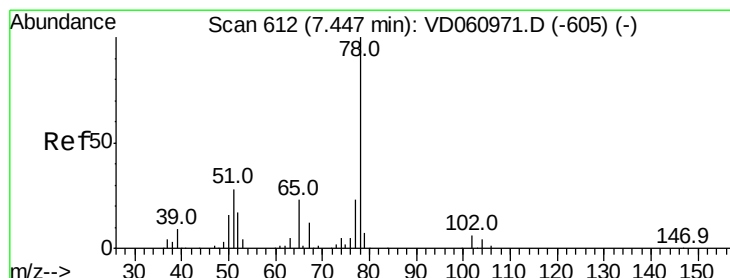
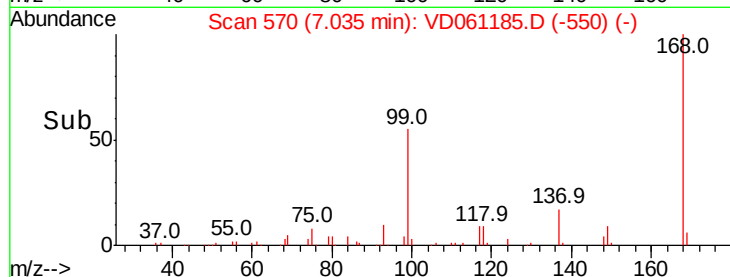
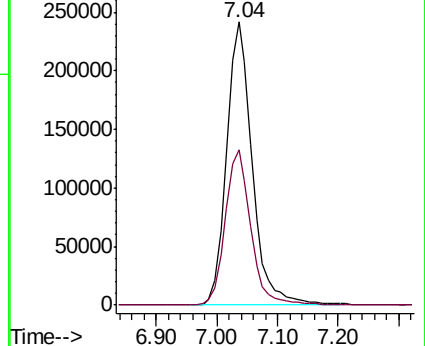
168 100

99 54.8 47.3 70.9



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: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061185.D

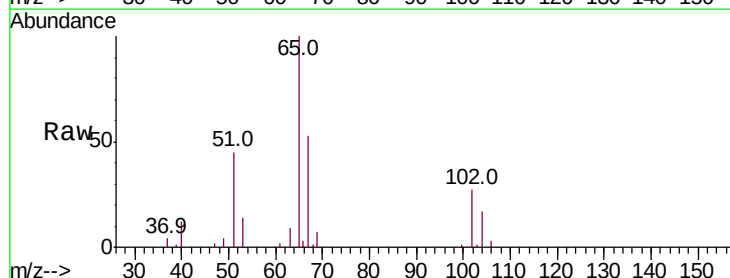
Acq: 19 Mar 2019 15:17

Tgt Ion: 65 Resp: 272957

Ion Ratio Lower Upper

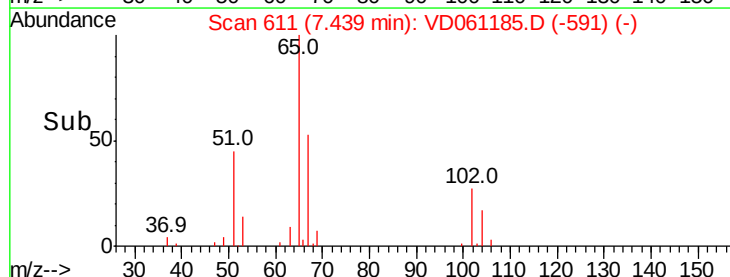
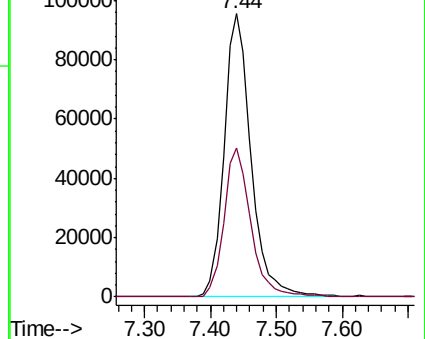
65 100

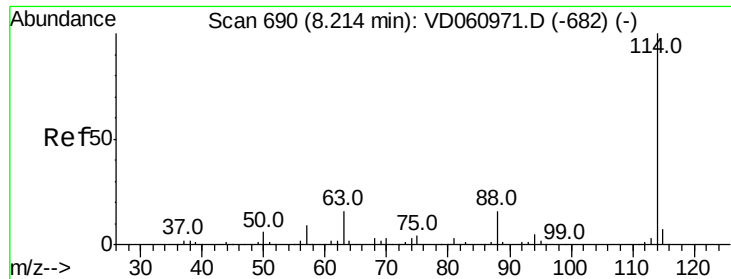
67 52.7 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



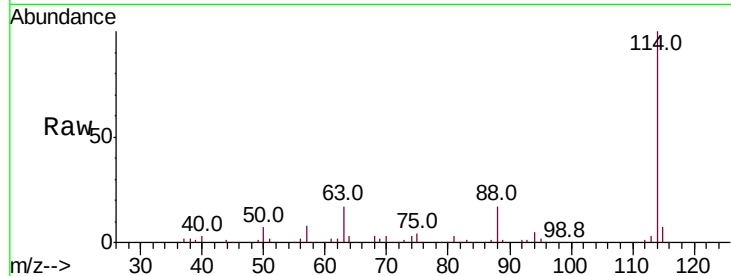


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD061185.D
 Acq: 19 Mar 2019 15:17

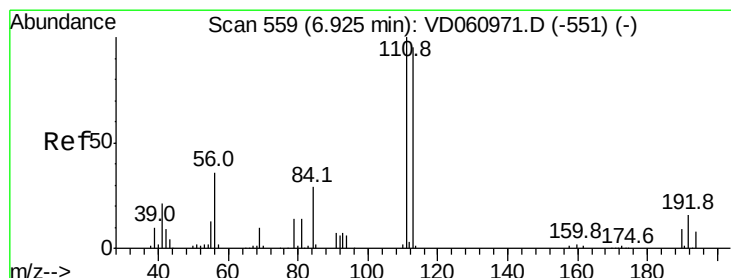
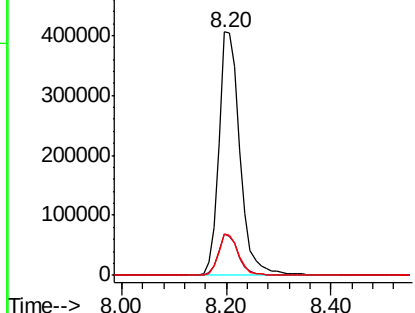
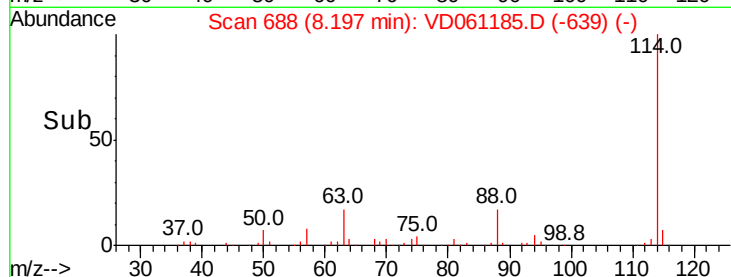
Instrument :
 MSVOA_D
 ClientSampled :
 VD0320

Tot Ion:114 Resp: 1137006

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	31.4
88	16.9	0.0	33.0



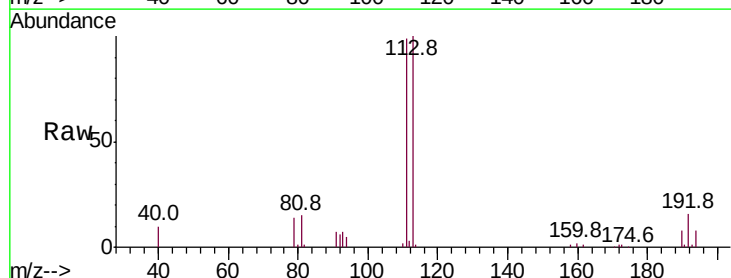
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V



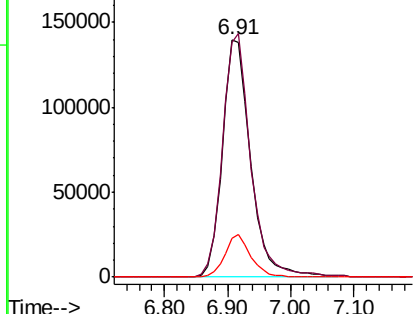
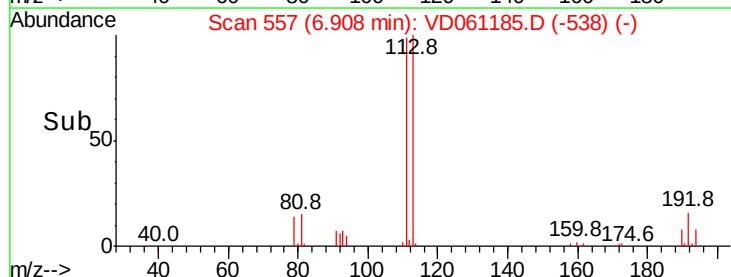
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061185.D
 Acq: 19 Mar 2019 15:17

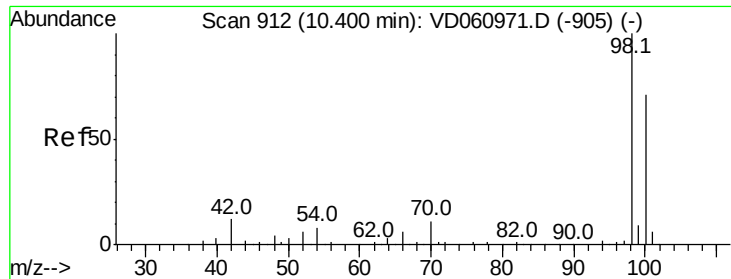
Tgt Ion:113 Resp: 434635

Ion	Ratio	Lower	Upper
113	100		
111	98.9	84.2	126.4
192	16.2	13.1	19.7



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: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061185.D

Acq: 19 Mar 2019 15:17

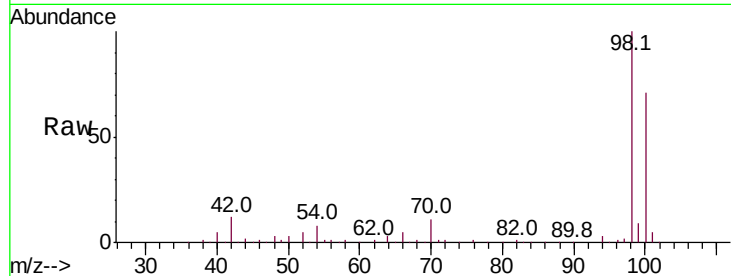
Instrument :
MSVOA_D
ClientSampleId :
VD0320

Tot Ion: 98 Resp: 1049696

Ion Ratio Lower Upper

98 100

100 71.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.39

500000

400000

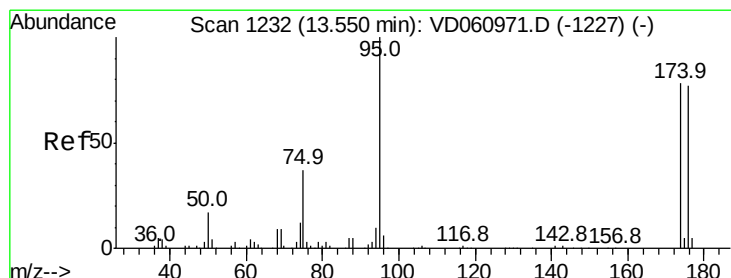
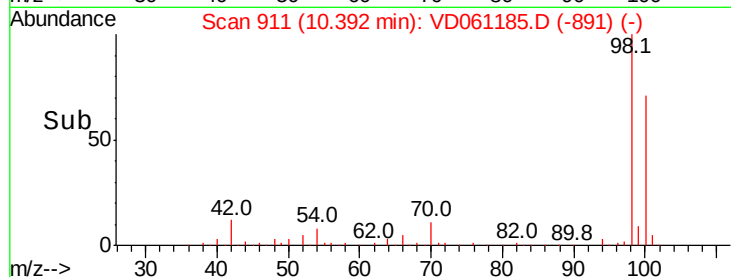
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061185.D

Acq: 19 Mar 2019 15:17

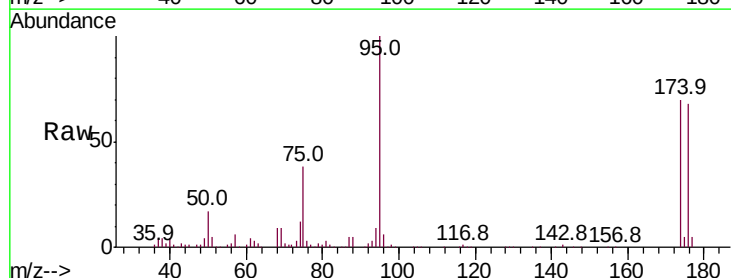
Tgt Ion: 95 Resp: 407520

Ion Ratio Lower Upper

95 100

174 70.2 0.0 155.6

176 67.6 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

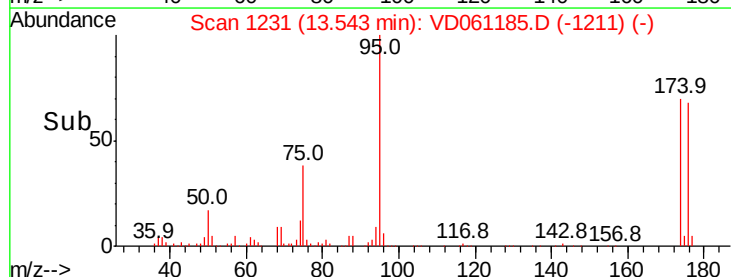
300000

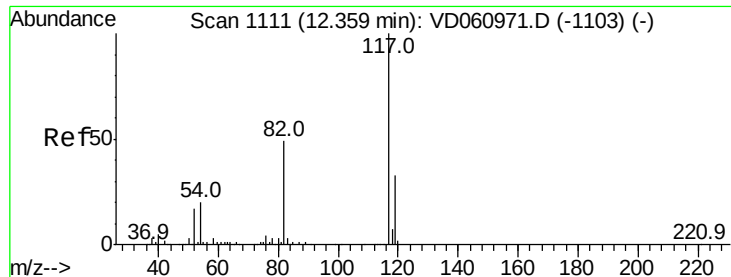
200000

100000

0

Time-->

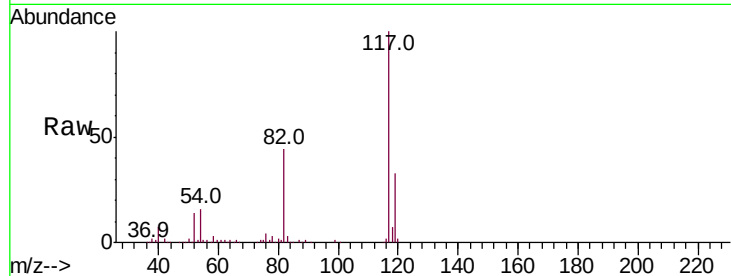




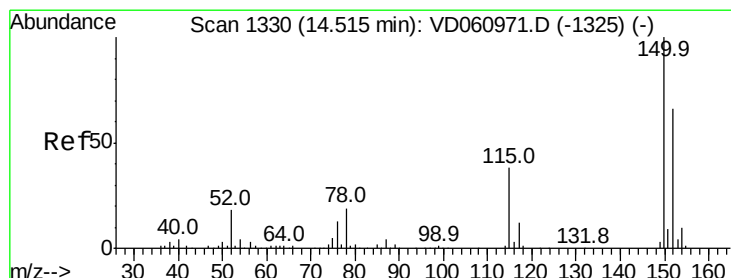
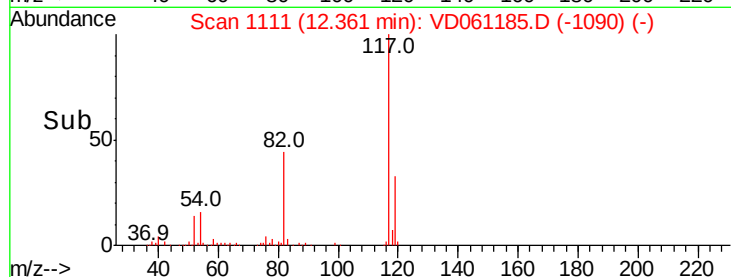
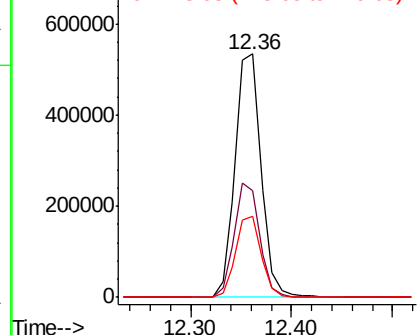
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061185.D
Acq: 19 Mar 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :
VD0320

Tot Ion:117 Resp: 954963
Ion Ratio Lower Upper
117 100
82 43.6 38.9 58.3
119 33.2 26.6 39.8

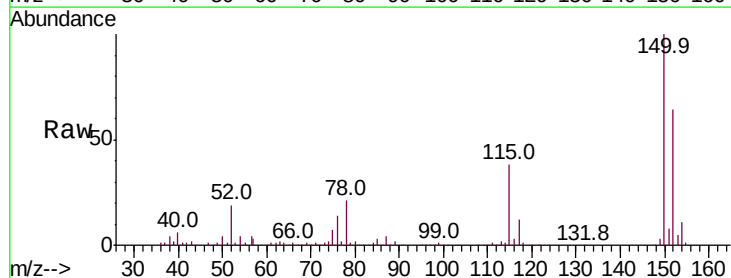


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061185.D
Acq: 19 Mar 2019 15:17

Tgt Ion:152 Resp: 423140
Ion Ratio Lower Upper
152 100
115 59.9 28.6 85.9
150 155.6 0.0 310.6



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

