

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063220.D
 Acq On : 30 Jul 2019 2:39
 Operator : VA/AP
 Sample : K4049-07
 Misc : 4.05g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-7

Quant Time: Jul 30 04:27:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	237527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	334223	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	259517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	101989	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	287783	109.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.38%	
35) Dibromofluoromethane	6.92	113	273650	95.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	191.80%	
50) Toluene-d8	10.41	98	453506	71.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.02%	
62) 4-Bromofluorobenzene	13.55	95	175077	60.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.32%	

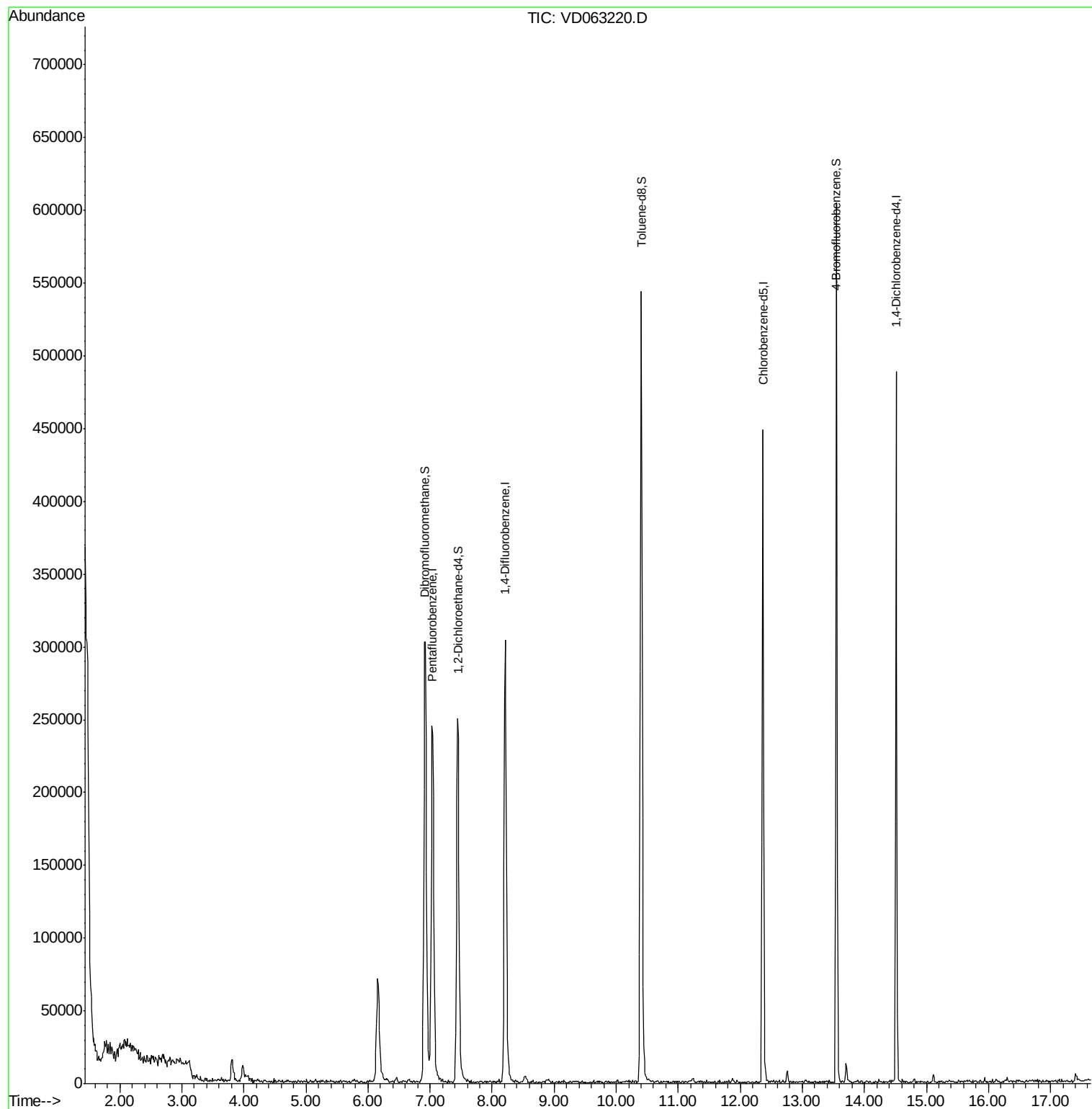
Target Compounds	Qvalue

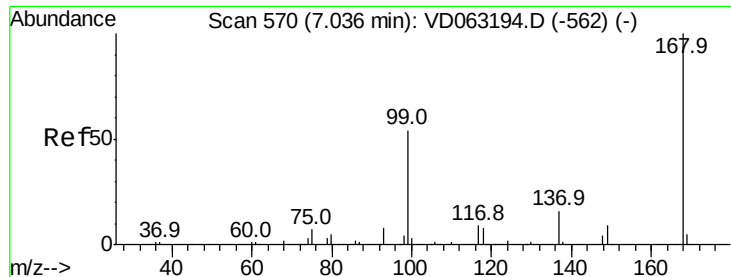
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063220.D

Acq: 30 Jul 2019 2:39

Instrument :

MSVOA_D

ClientSampleId :

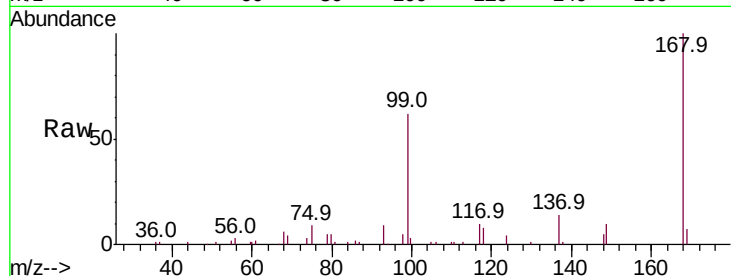
SP-7

Tot Ion:168 Resp: 237527

Ion Ratio Lower Upper

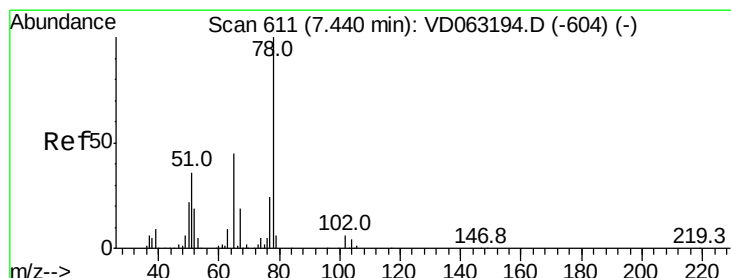
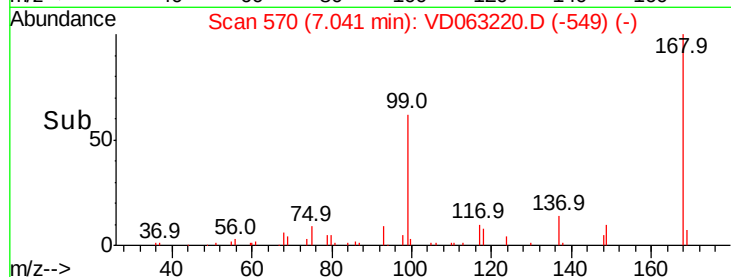
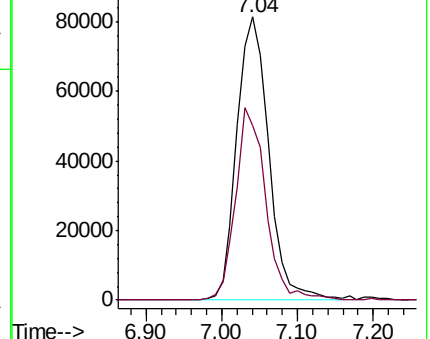
168 100

99 61.6 43.7 65.5



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: 109.191 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063220.D

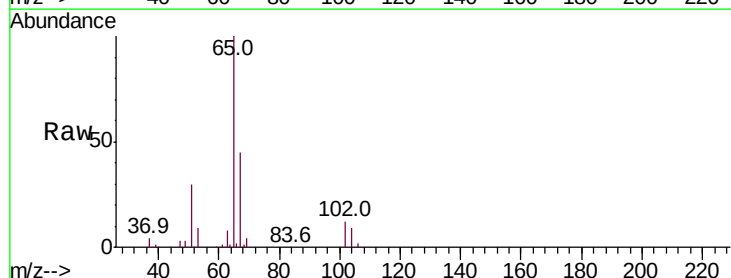
Acq: 30 Jul 2019 2:39

Tgt Ion: 65 Resp: 287783

Ion Ratio Lower Upper

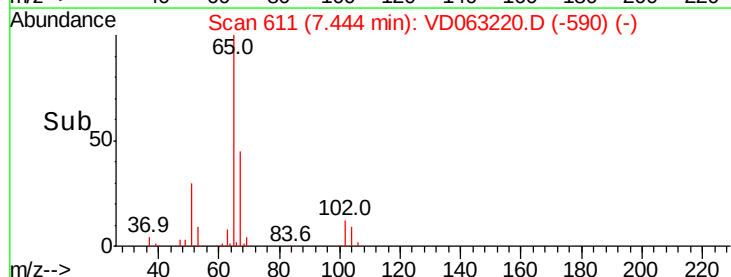
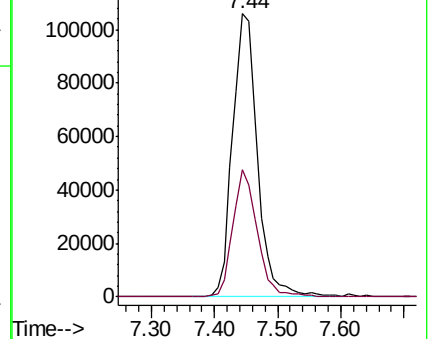
65 100

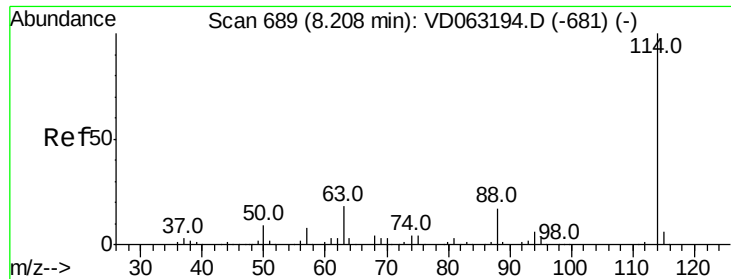
67 44.8 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063220.D

Acq: 30 Jul 2019 2:39

Instrument :

MSVOA_D

ClientSampleId :

SP-7

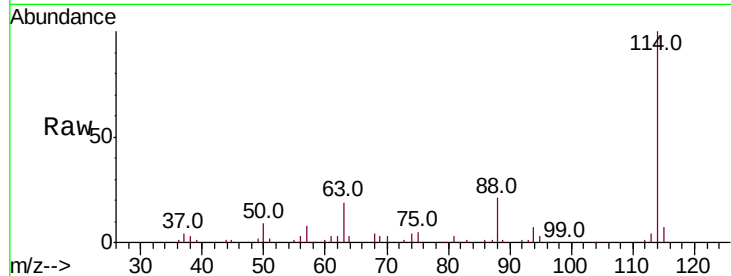
Tot Ion:114 Resp: 334223

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.2

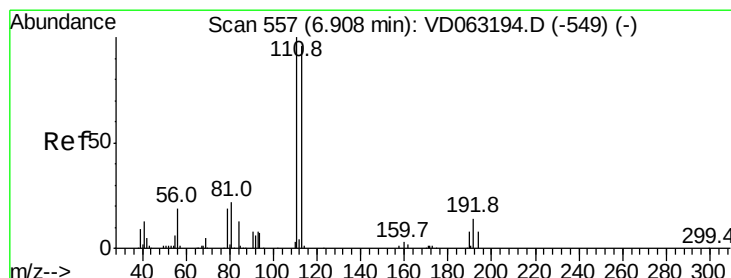
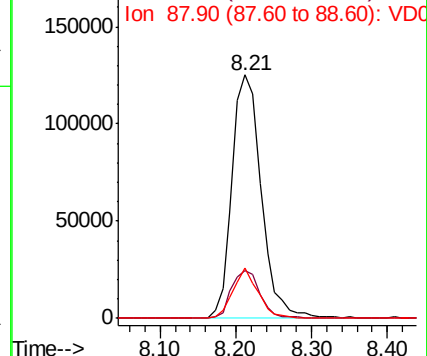
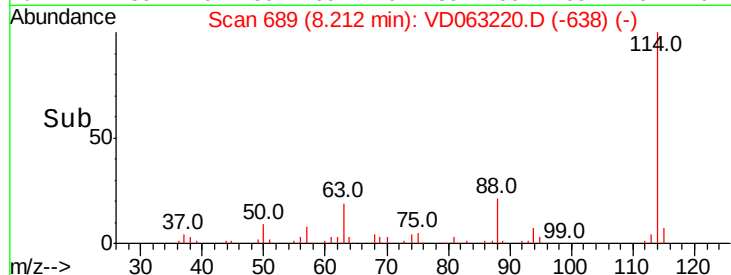
88 20.6 0.0 34.6



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: 95.898 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063220.D

Acq: 30 Jul 2019 2:39

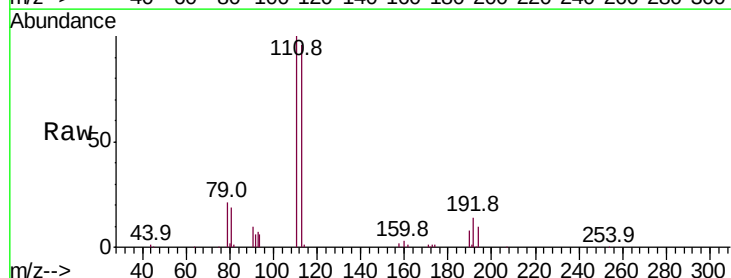
Tgt Ion:113 Resp: 273650

Ion Ratio Lower Upper

113 100

111 104.5 83.2 124.8

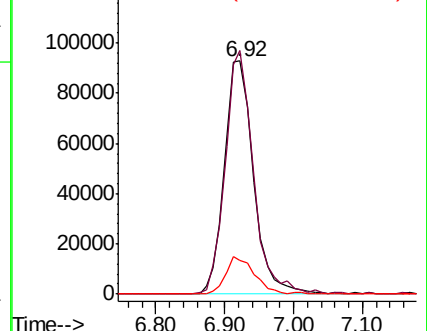
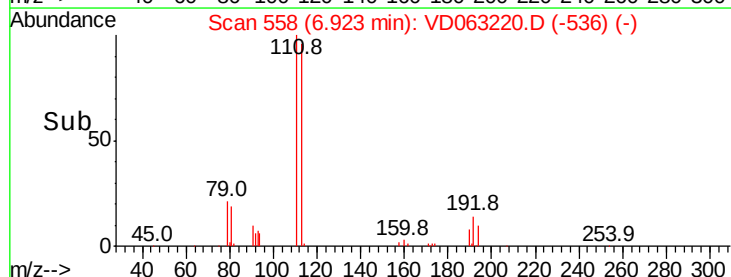
192 14.3 11.8 17.8

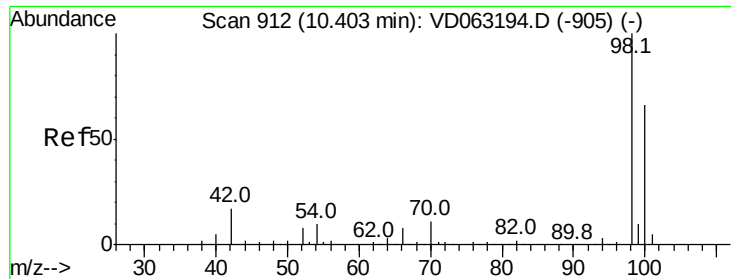


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 71.013 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063220.D

Acq: 30 Jul 2019 2:39

Instrument :

MSVOA_D

ClientSampleId :

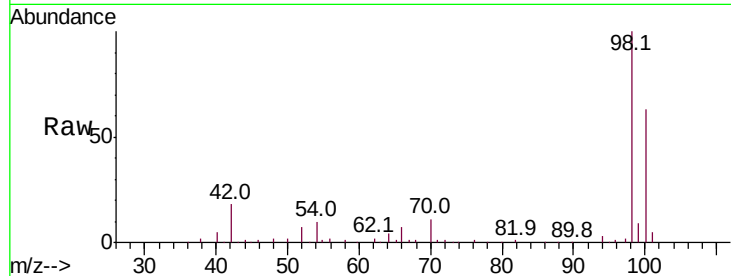
SP-7

Tot Ion: 98 Resp: 453506

Ion Ratio Lower Upper

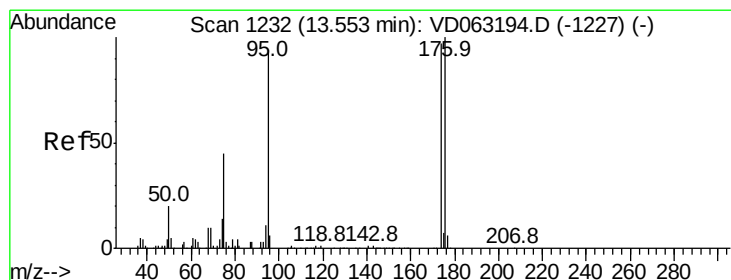
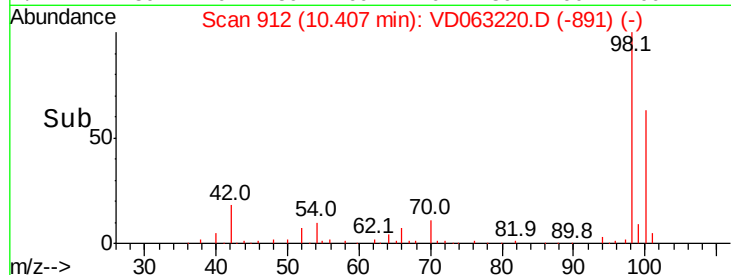
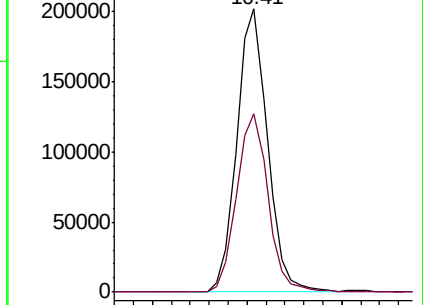
98 100

100 62.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 60.160 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063220.D

Acq: 30 Jul 2019 2:39

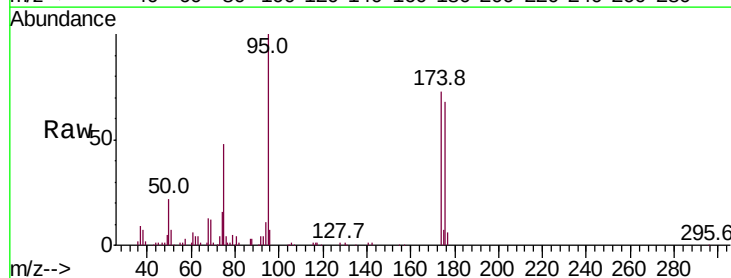
Tgt Ion: 95 Resp: 175077

Ion Ratio Lower Upper

95 100

174 72.5 0.0 205.4

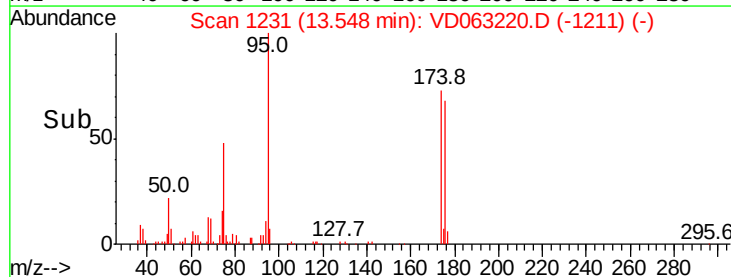
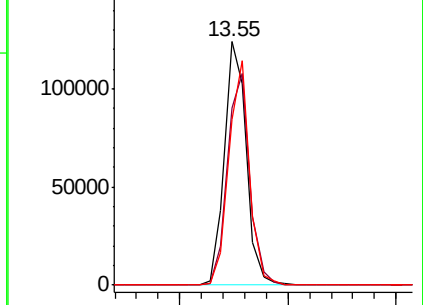
176 68.1 0.0 211.8

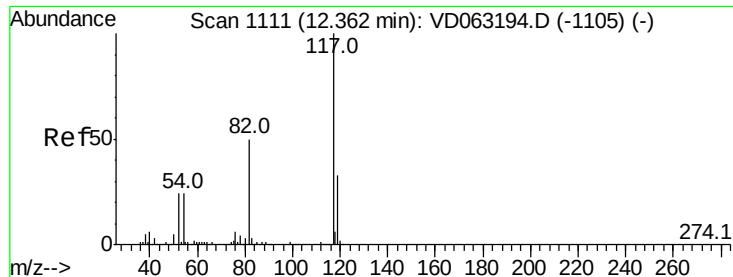


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

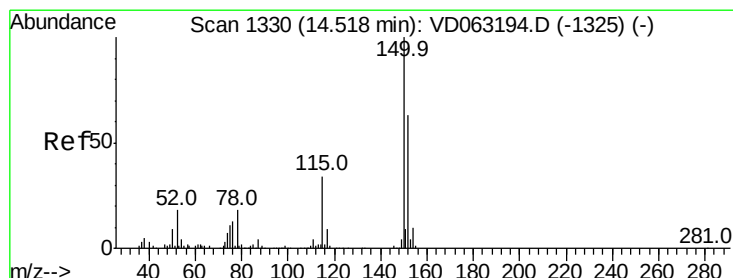
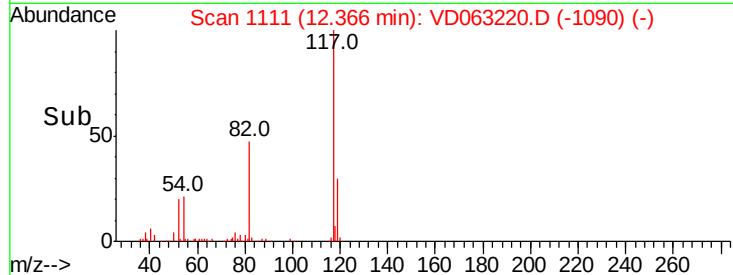
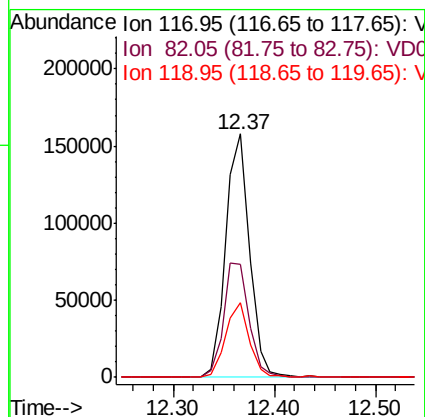
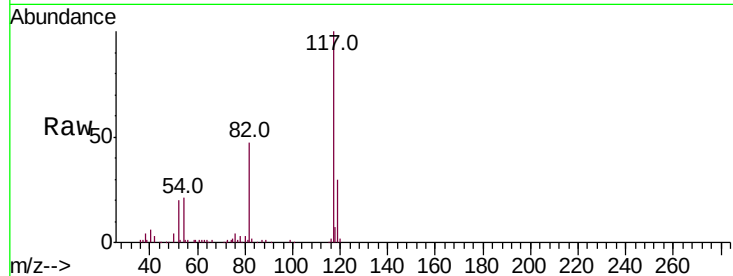




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063220.D
Acq: 30 Jul 2019 2:39

Instrument :
MSVOA_D
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.6	40.1	60.1
119	30.5	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063220.D
Acq: 30 Jul 2019 2:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.5	82.4
150	152.6	0.0	320.6

