

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063219.D
 Acq On : 30 Jul 2019 2:12
 Operator : VA/AP
 Sample : K4049-06
 Misc : 4.29g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

Quant Time: Jul 30 04:25:33 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	7.05	168	670757	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	887046	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	590087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	232696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	502887	67.57	ug/l	0.01
Spiked Amount	50.000		Recovery	=	135.14%	
35) Dibromofluoromethane	6.92	113	500384	66.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	132.14%	
50) Toluene-d8	10.40	98	1071647	63.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.46%	
62) 4-Bromofluorobenzene	13.55	95	349153	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

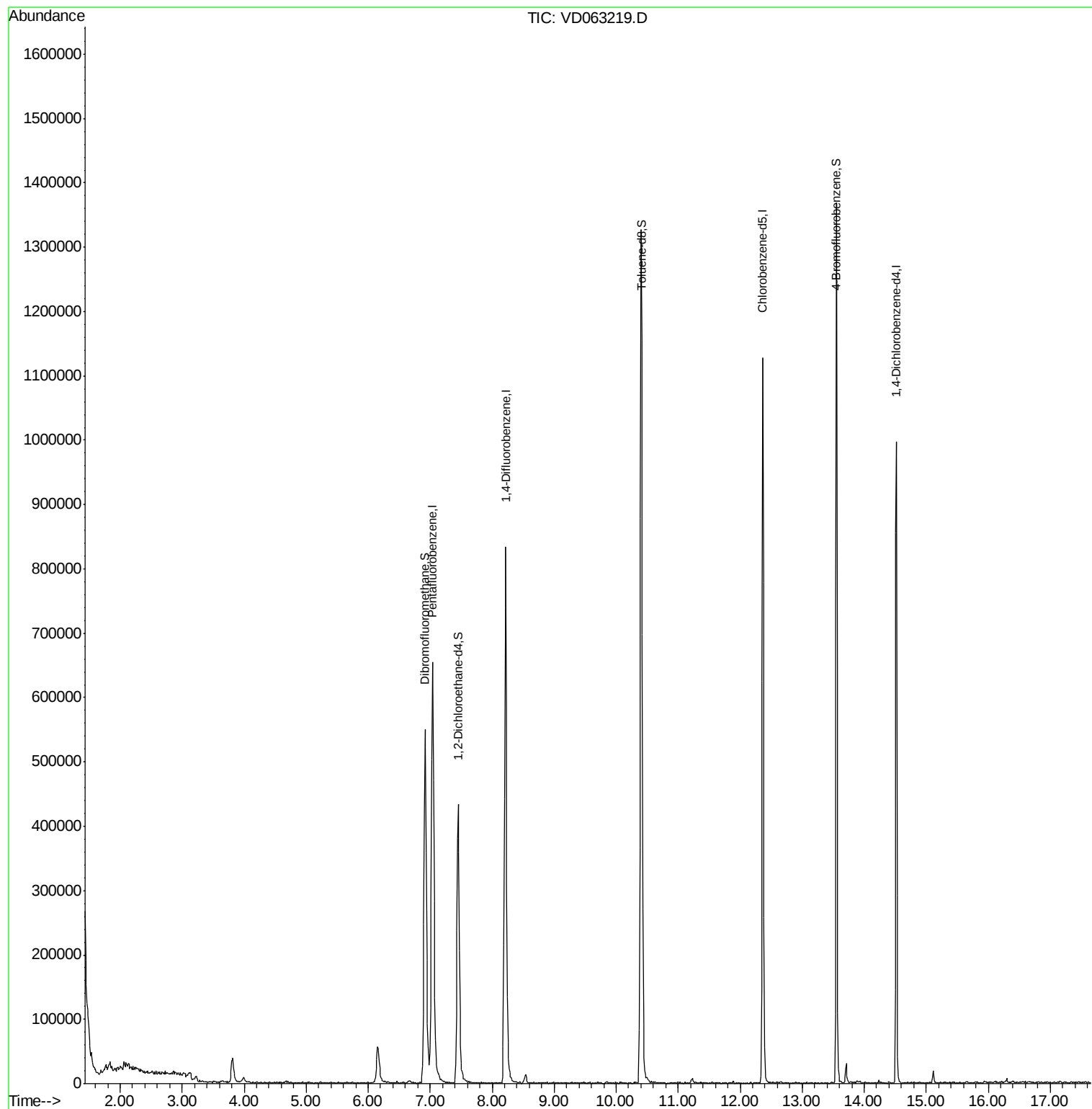
Target Compounds	Qvalue

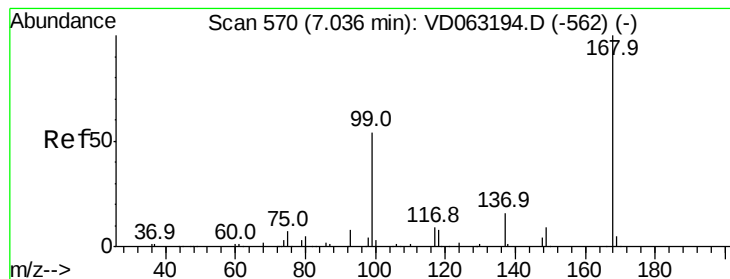
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063219.D

Acq: 30 Jul 2019 2:12

Instrument :

MSVOA_D

ClientSampleId :

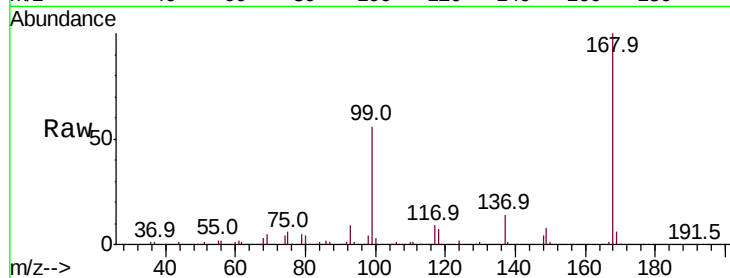
SP-6

Tot Ion:168 Resp: 670757

Ion Ratio Lower Upper

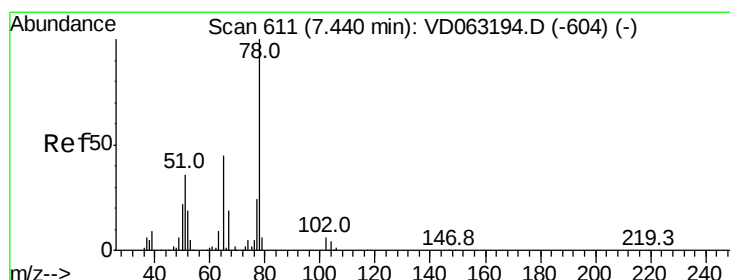
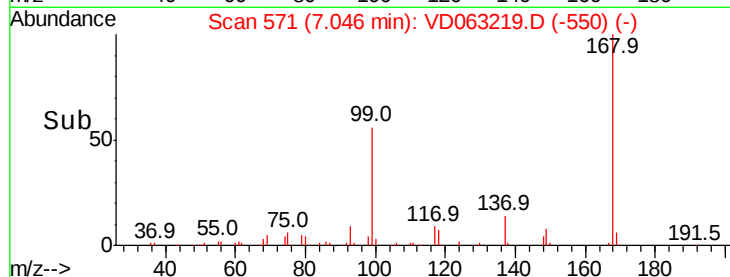
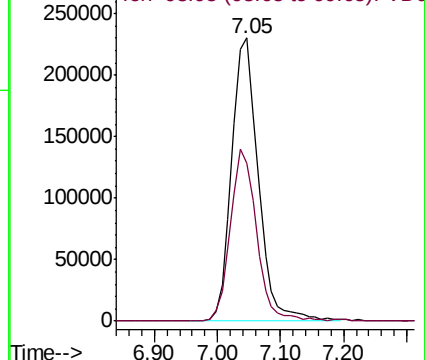
168 100

99 55.8 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: 67.568 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063219.D

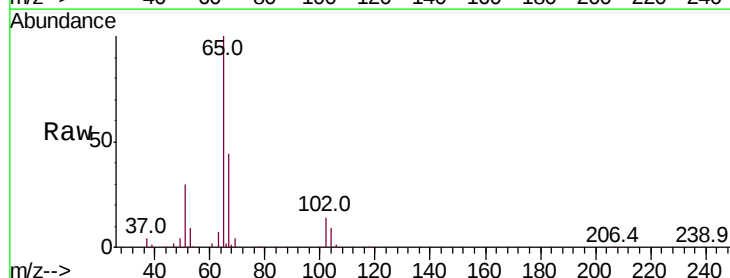
Acq: 30 Jul 2019 2:12

Tgt Ion: 65 Resp: 502887

Ion Ratio Lower Upper

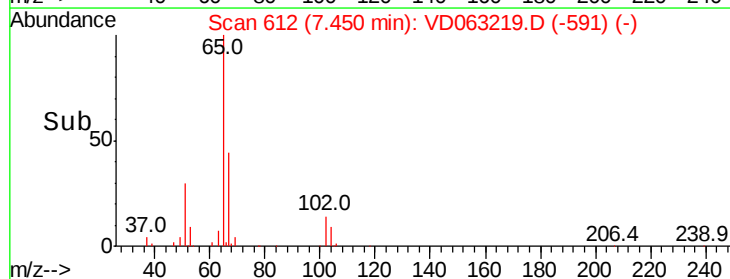
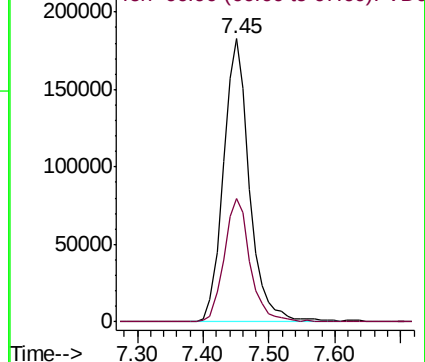
65 100

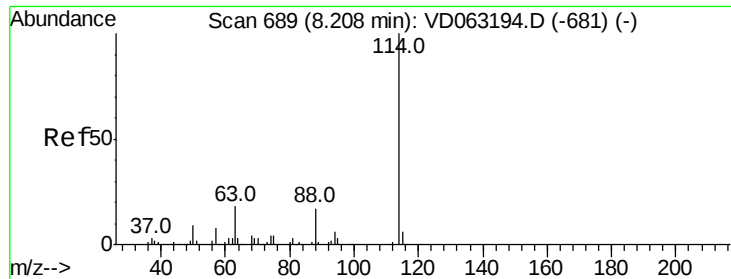
67 43.8 0.0 85.8



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: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063219.D

Acq: 30 Jul 2019 2:12

Instrument :

MSVOA_D

ClientSampleId :

SP-6

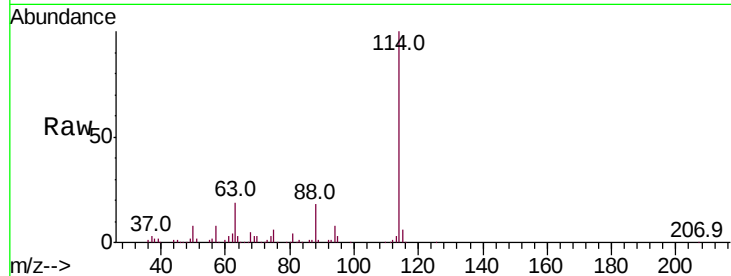
Tot Ion:114 Resp: 887046

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.2

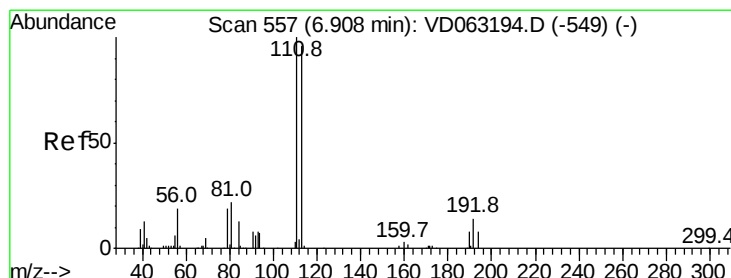
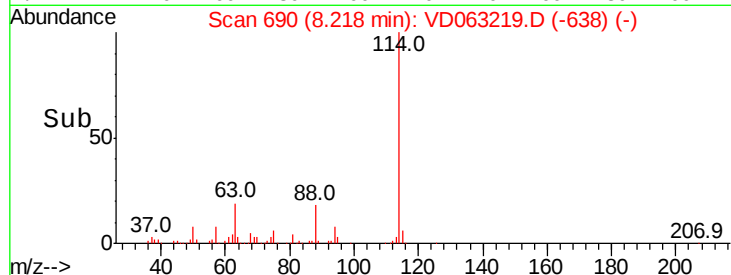
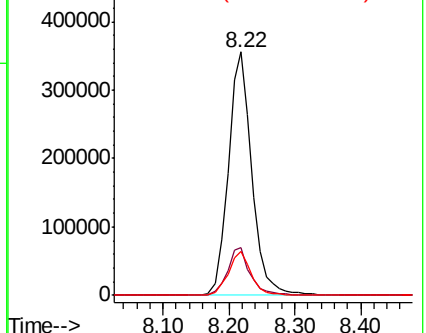
88 18.3 0.0 34.6



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: 66.070 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063219.D

Acq: 30 Jul 2019 2:12

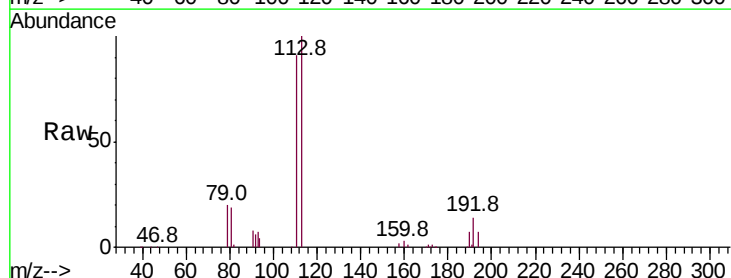
Tgt Ion:113 Resp: 500384

Ion Ratio Lower Upper

113 100

111 91.0 83.2 124.8

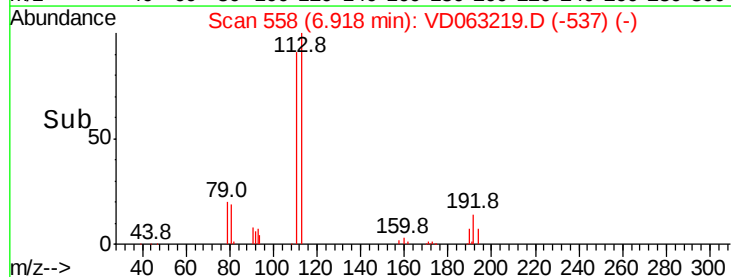
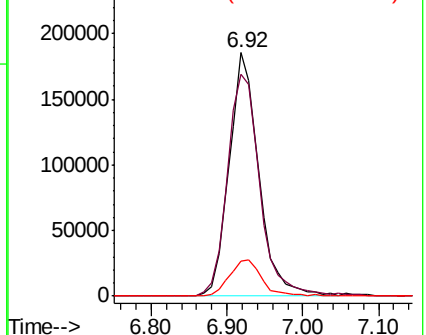
192 14.3 11.8 17.8

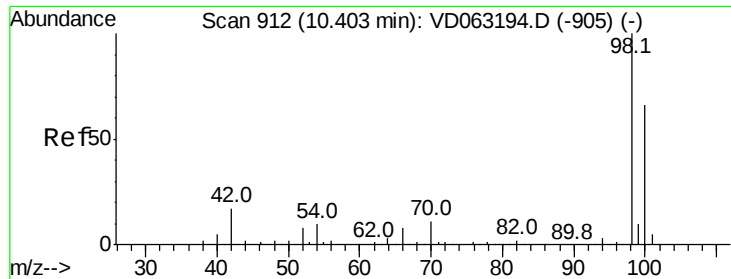


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 63.226 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063219.D

Acq: 30 Jul 2019 2:12

Instrument :

MSVOA_D

ClientSampled :

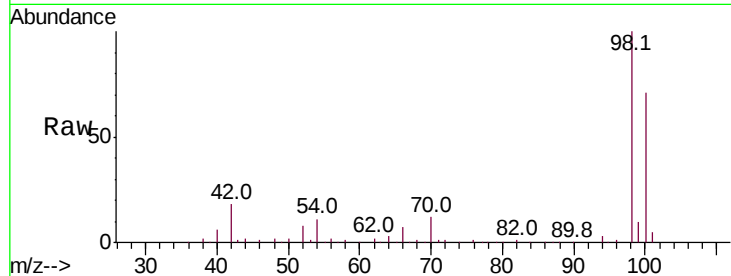
SP-6

Tot Ion: 98 Resp: 1071647

Ion Ratio Lower Upper

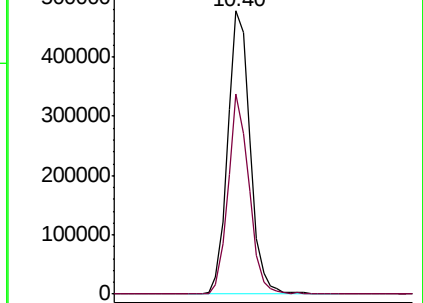
98 100

100 70.6 53.2 79.8

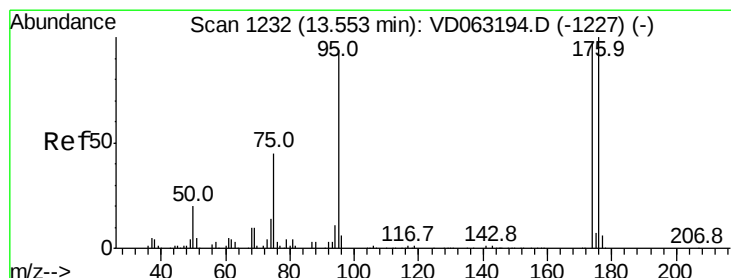
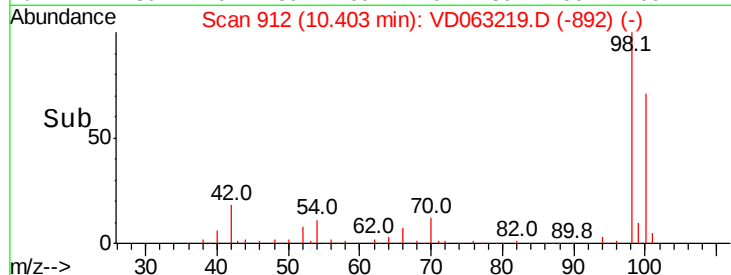


Abundance Ion 98.05 (97.75 to 98.75): VD063219.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063219.D (-905) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 45.205 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063219.D

Acq: 30 Jul 2019 2:12

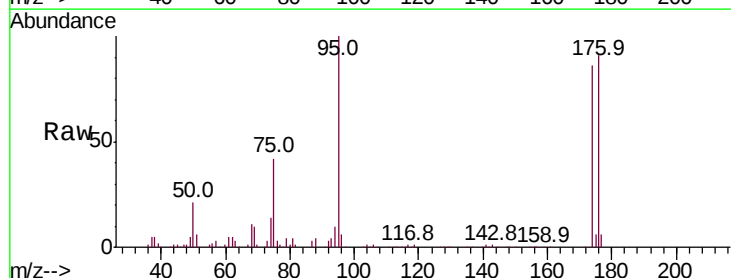
Tgt Ion: 95 Resp: 349153

Ion Ratio Lower Upper

95 100

174 86.2 0.0 205.4

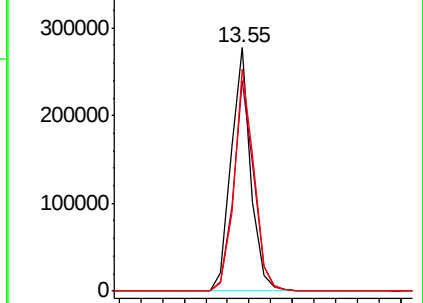
176 91.0 0.0 211.8



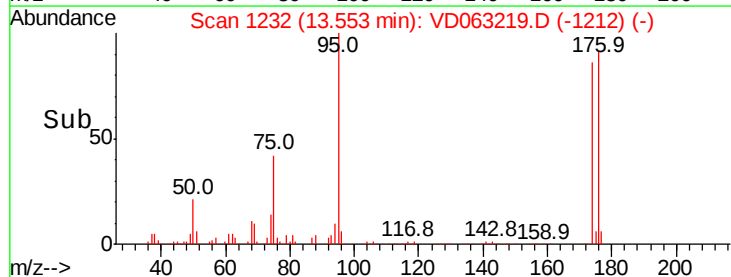
Abundance Ion 95.00 (94.70 to 95.70): VD063219.D (-1212) (-)

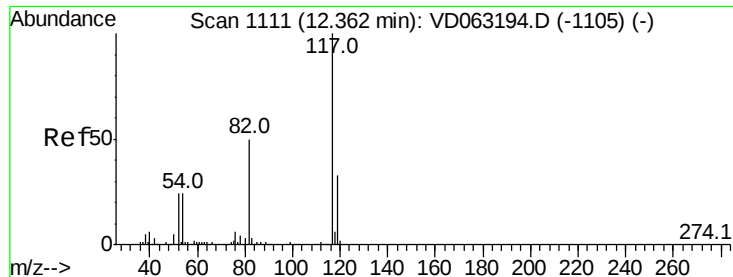
Ion 173.90 (173.60 to 174.60): VD063219.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD063219.D (-1212) (-)



Time-->

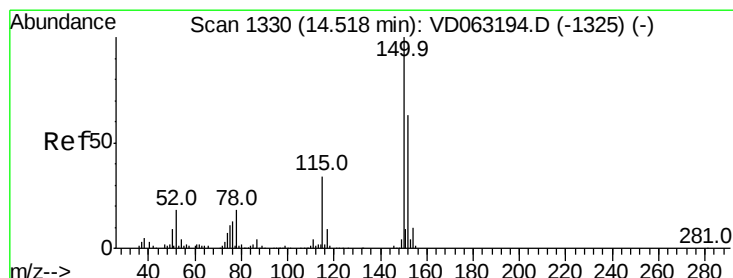
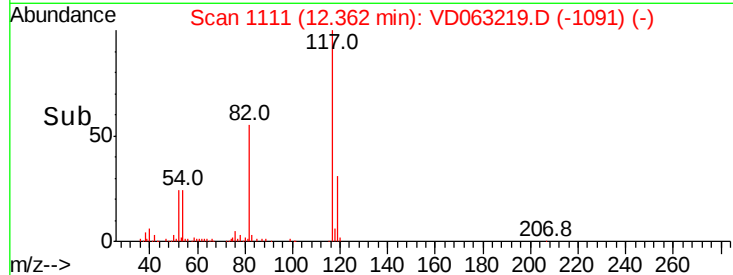
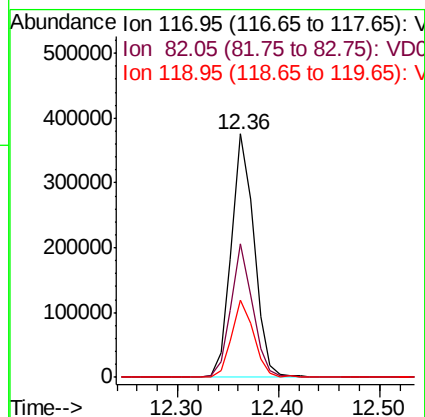
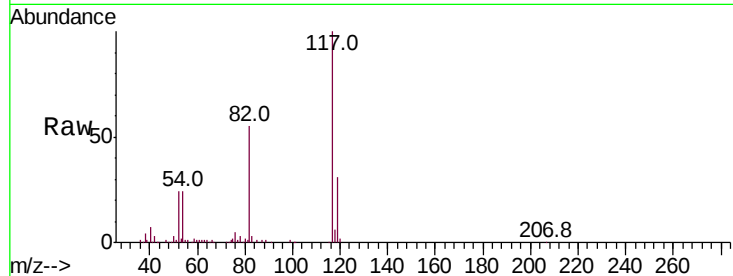




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063219.D
Acq: 30 Jul 2019 2:12

Instrument :
MSVOA_D
ClientSampleId :
SP-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.1	60.1
119	31.5	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063219.D
Acq: 30 Jul 2019 2:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.3	27.5	82.4
150	149.2	0.0	320.6

