

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063202.D
 Acq On : 29 Jul 2019 16:40
 Operator : VA/AP
 Sample : K4011-01RE
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-OSRE

Quant Time: Jul 30 05:20:29 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	580327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	902008	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	548211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	152684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	555489	86.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.54%	
35) Dibromofluoromethane	6.91	113	601614	78.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.24%	
50) Toluene-d8	10.40	98	909164	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	13.55	95	275843	35.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.24%	

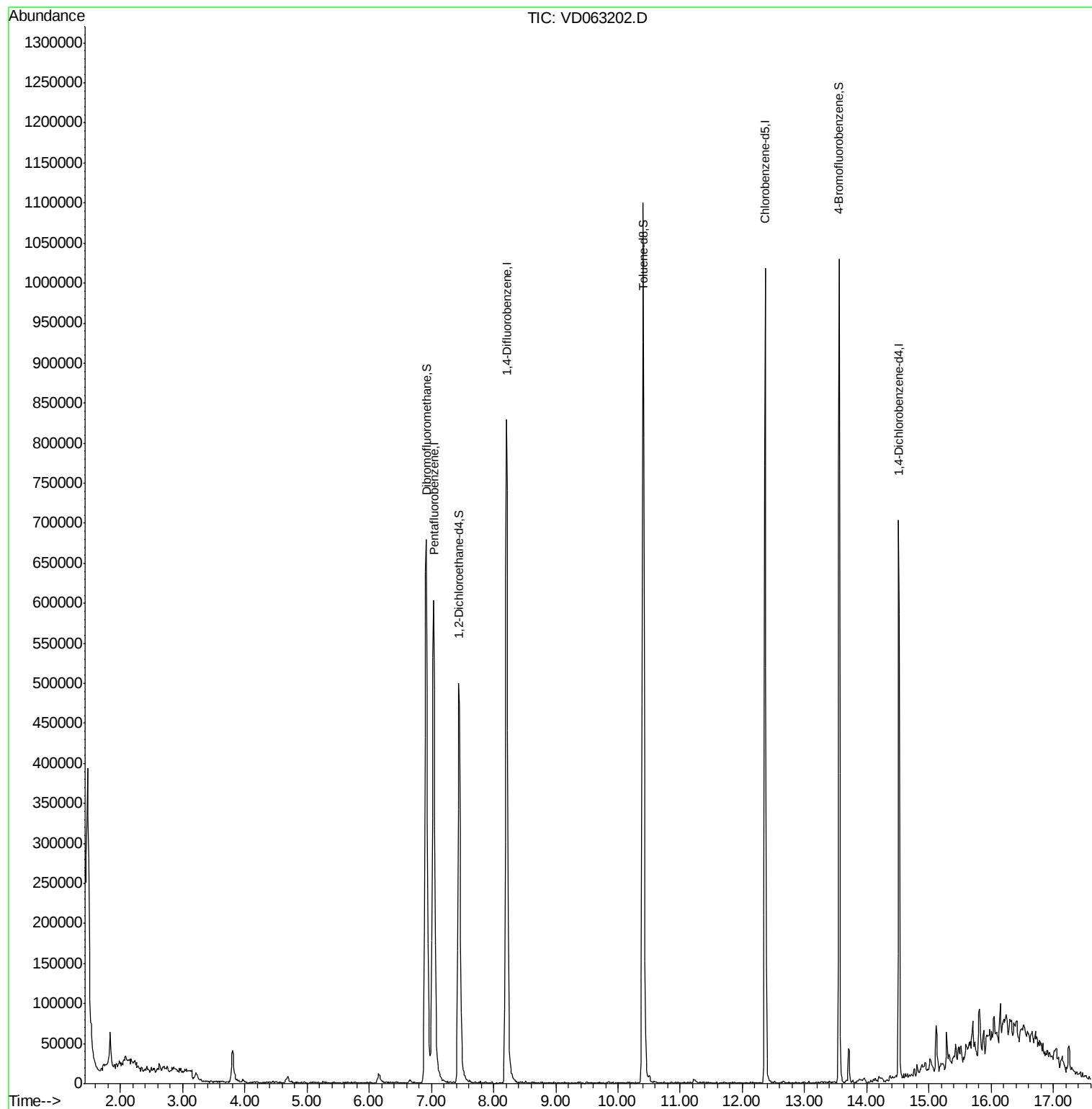
Target Compounds	Qvalue

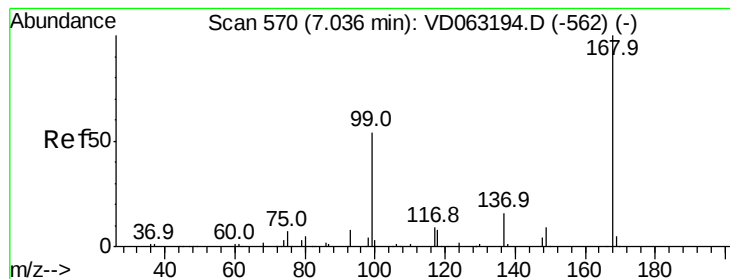
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
Data File : VD063202.D
Acq On : 29 Jul 2019 16:40
Operator : VA/AP
Sample : K4011-01RE
Misc : 5.13g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-OSRE

Quant Time: Jul 30 05:20:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
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: VD063202.D

Acq: 29 Jul 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

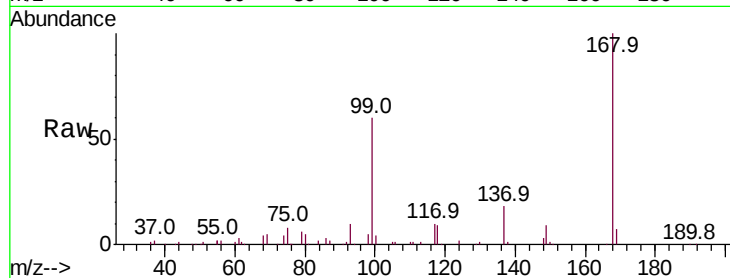
DRUM-COMP-OSRE

Tot Ion:168 Resp: 580327

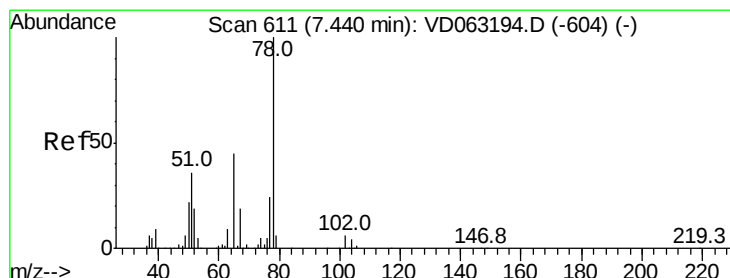
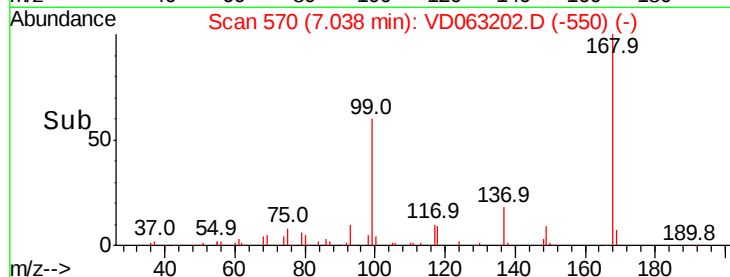
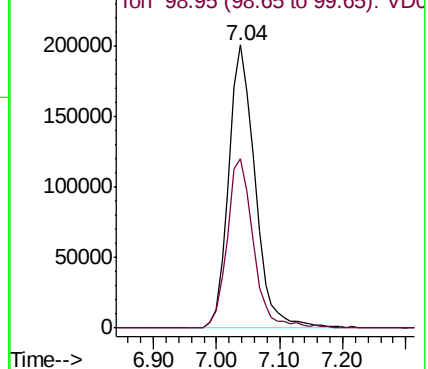
Ion Ratio Lower Upper

168 100

99 59.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 86.266 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063202.D

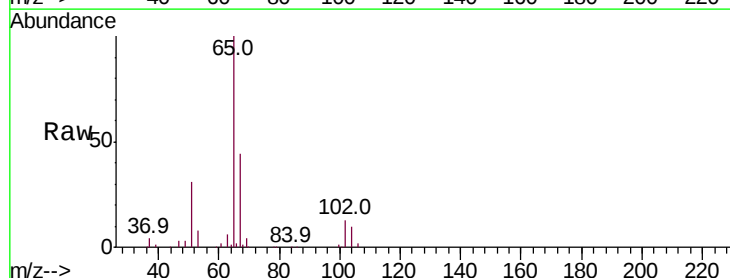
Acq: 29 Jul 2019 16:40

Tgt Ion: 65 Resp: 555489

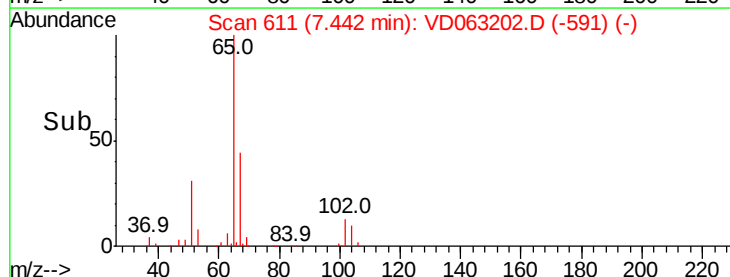
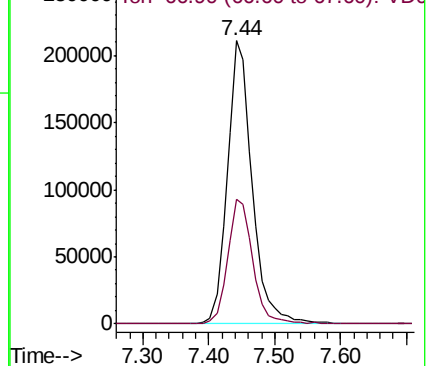
Ion Ratio Lower Upper

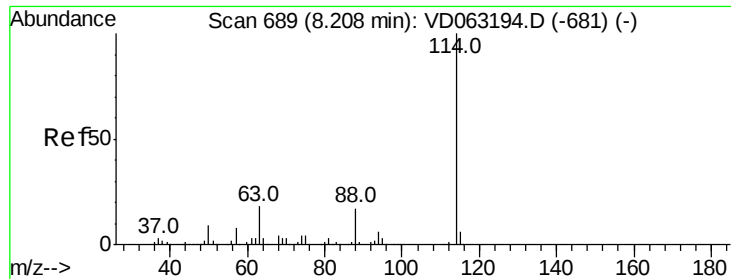
65 100

67 44.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063202.D

Acq: 29 Jul 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-OSRE

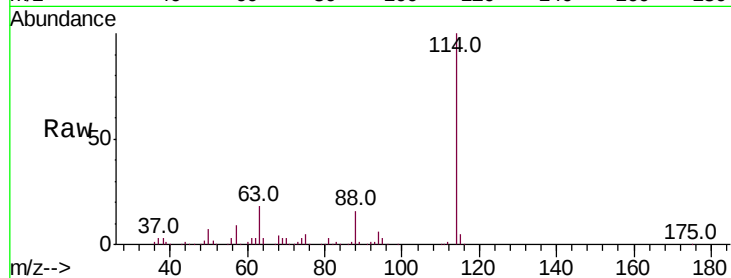
Tot Ion:114 Resp: 902008

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

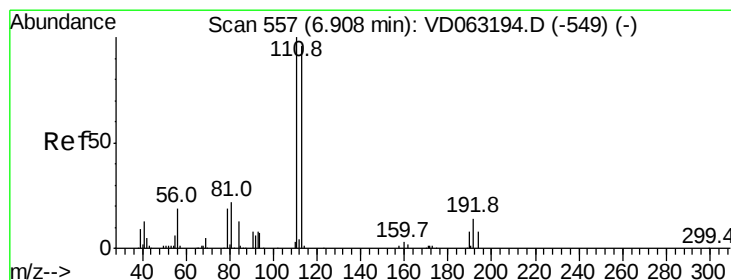
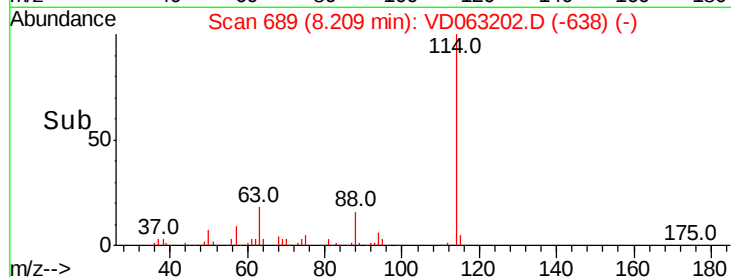
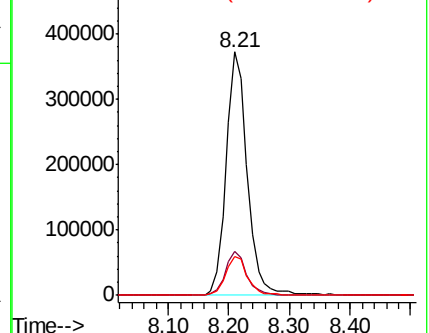
88 15.9 0.0 34.6



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: 78.119 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063202.D

Acq: 29 Jul 2019 16:40

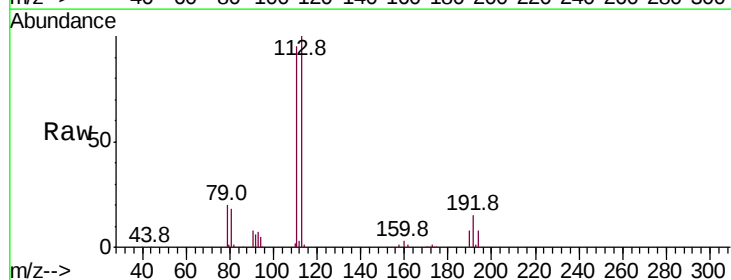
Tgt Ion:113 Resp: 601614

Ion Ratio Lower Upper

113 100

111 95.1 83.2 124.8

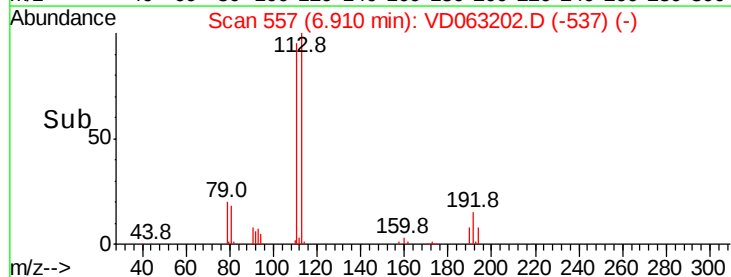
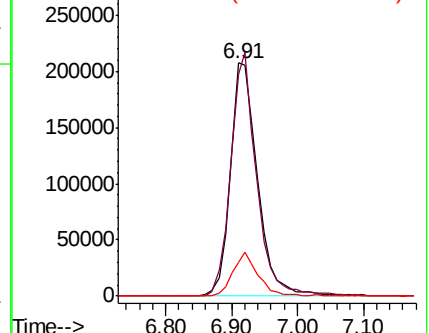
192 14.6 11.8 17.8

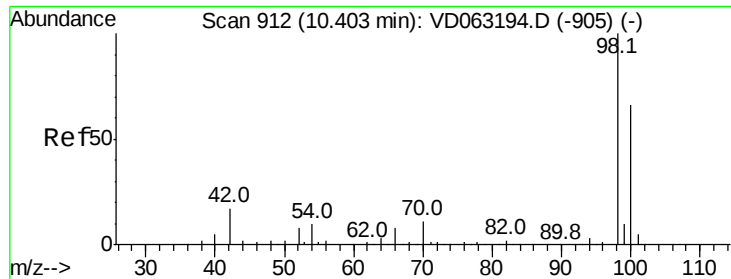


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 52.750 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063202.D

Acq: 29 Jul 2019 16:40

Instrument :

MSVOA_D

ClientSampleId :

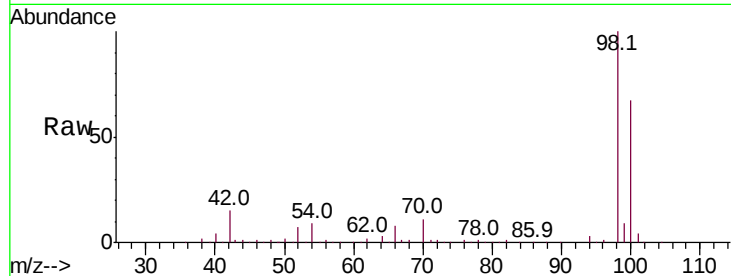
DRUM-COMP-OSRE

Tot Ion: 98 Resp: 909164

Ion Ratio Lower Upper

98 100

100 67.5 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

400000

300000

200000

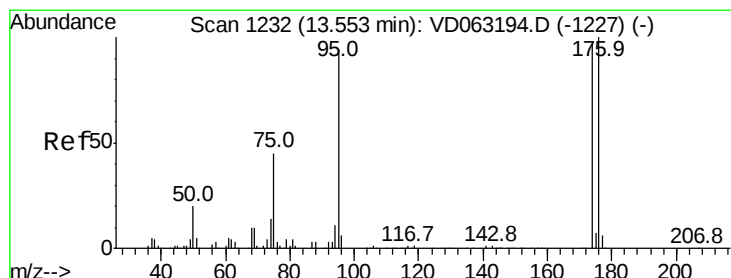
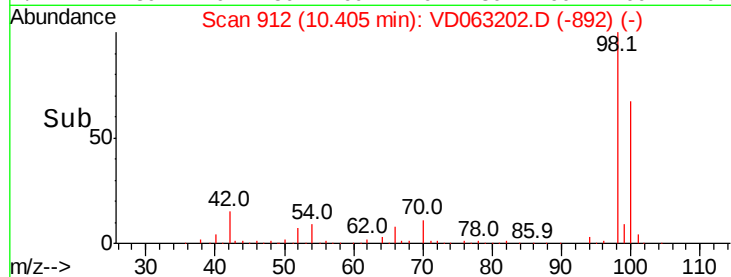
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 35.121 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063202.D

Acq: 29 Jul 2019 16:40

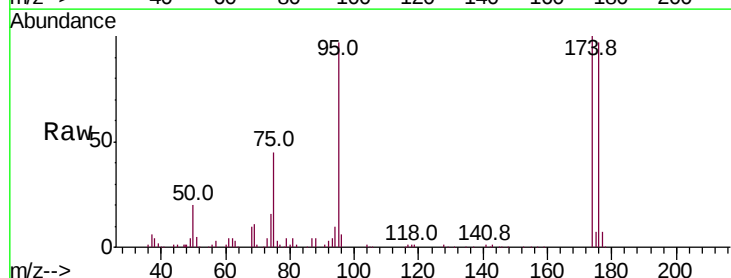
Tgt Ion: 95 Resp: 275843

Ion Ratio Lower Upper

95 100

174 103.5 0.0 205.4

176 100.9 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

250000

200000

150000

100000

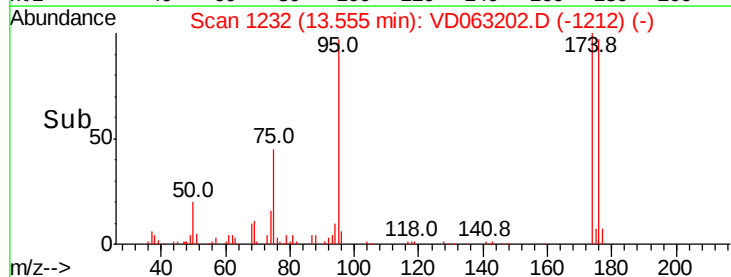
50000

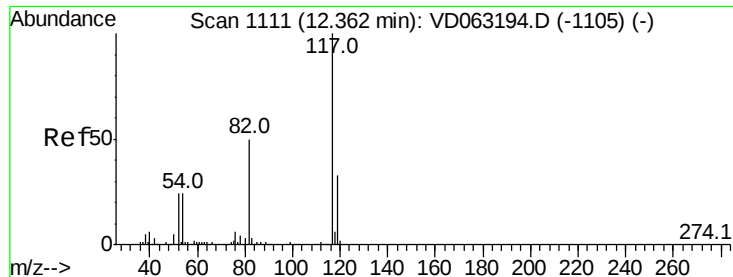
0

13.55

13.60

Time-->

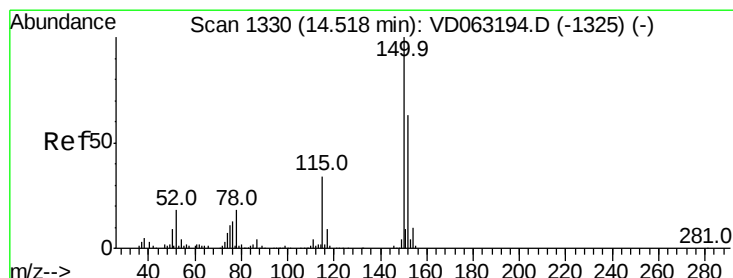
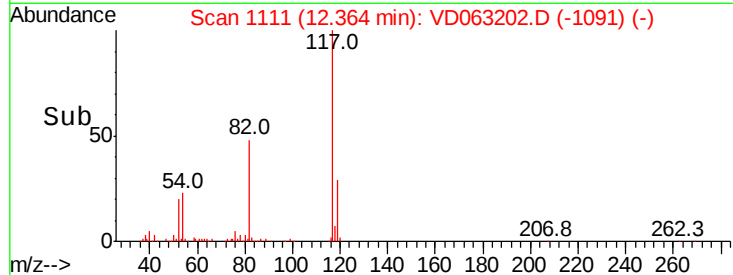
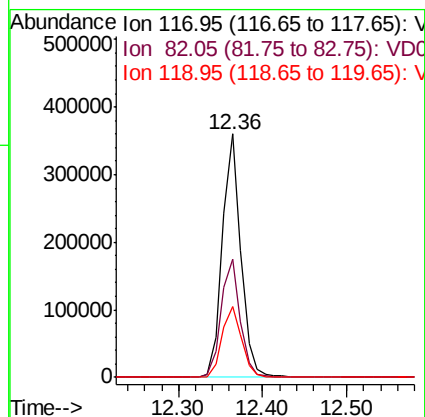
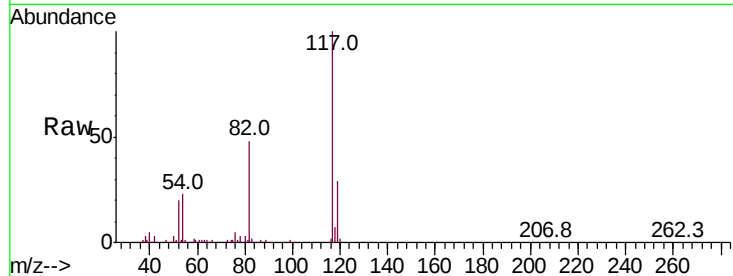




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063202.D
Acq: 29 Jul 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-OSRE

Tot Ion:117 Resp: 548211
Ion Ratio Lower Upper
117 100
82 48.4 40.1 60.1
119 29.1 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: VD063202.D
Acq: 29 Jul 2019 16:40

Tgt Ion:152 Resp: 152684
Ion Ratio Lower Upper
152 100
115 49.7 27.5 82.4
150 151.0 0.0 320.6

