

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063276.D
 Acq On : 31 Jul 2019 13:59
 Operator : VA/AP
 Sample : K4066-15
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13

Quant Time: Aug 01 04:25:26 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	1047086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1406850	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1138380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	480967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	444233	38.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.48%	
35) Dibromofluoromethane	6.92	113	477838	39.78	ug/l	0.01
Spiked Amount	50.000		Recovery	=	79.56%	
50) Toluene-d8	10.41	98	943035	35.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.16%	
62) 4-Bromofluorobenzene	13.55	95	381010	31.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.20%	

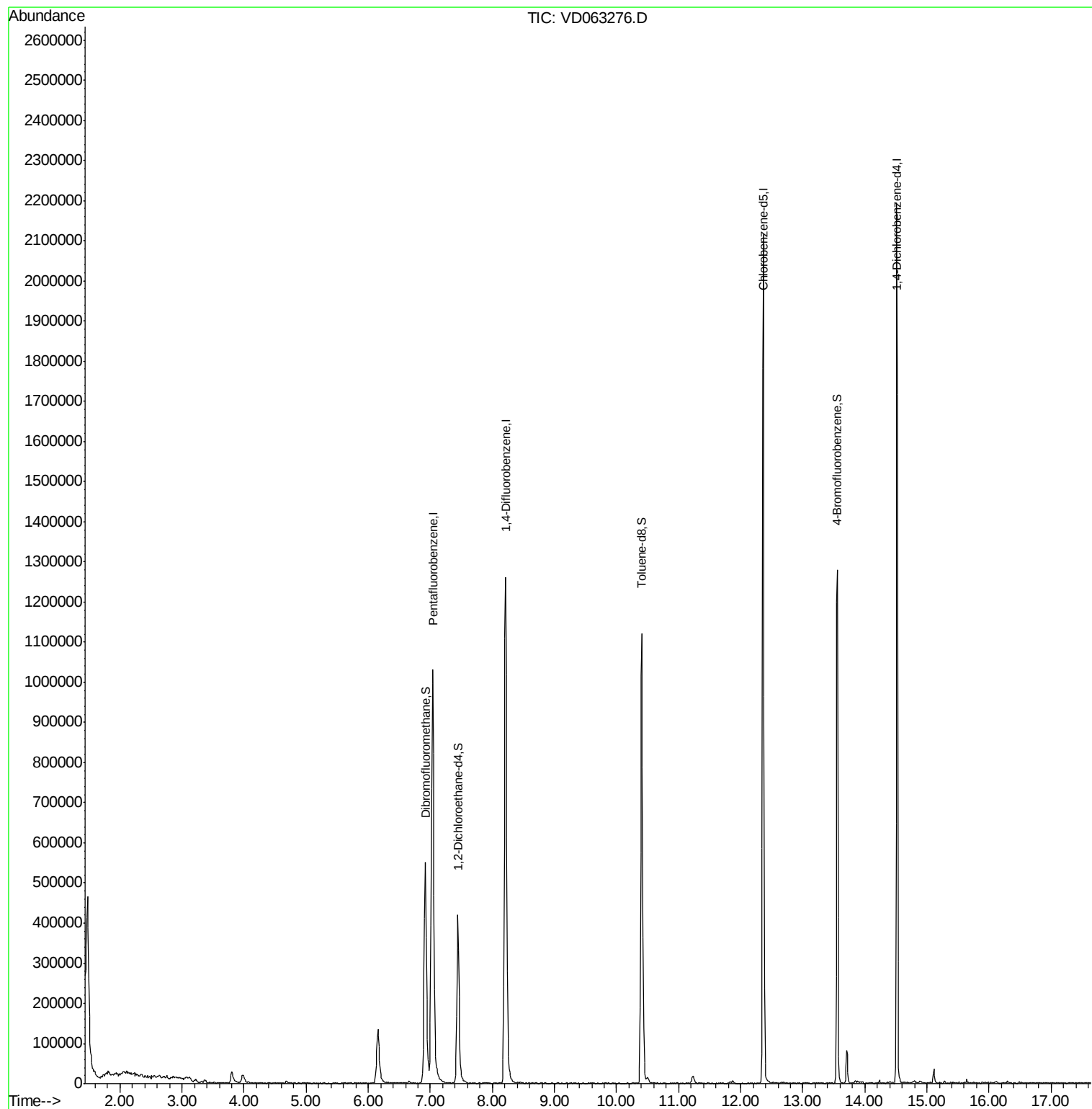
Target Compounds	Qvalue

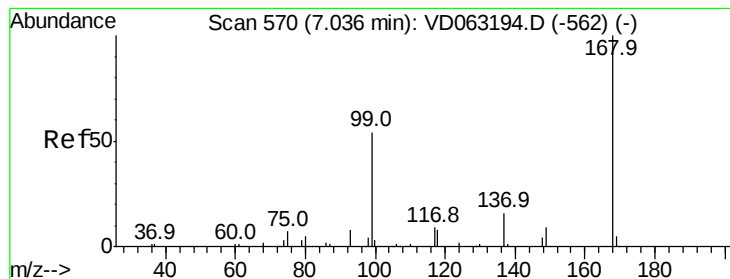
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063276.D

Acq: 31 Jul 2019 13:59

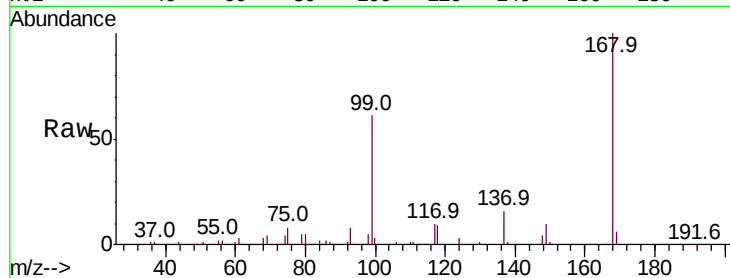
Instrument :
MSVOA_D
ClientSampleId :
TP-13

Tot Ion:168 Resp: 1047086

Ion Ratio Lower Upper

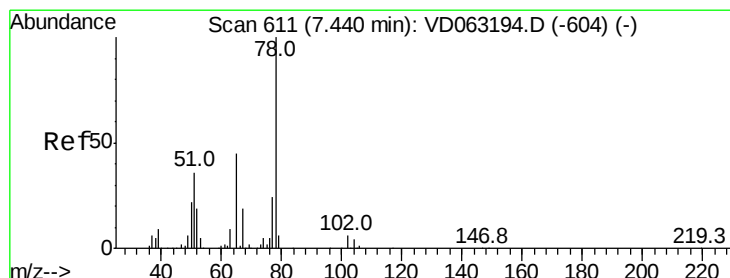
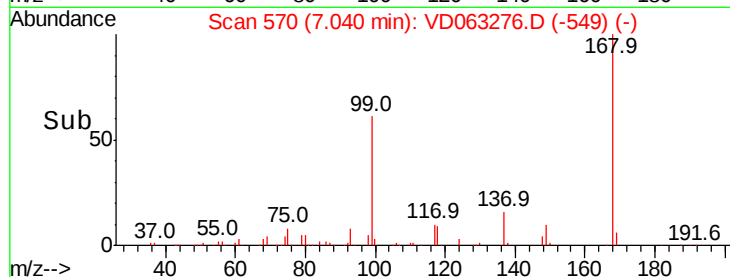
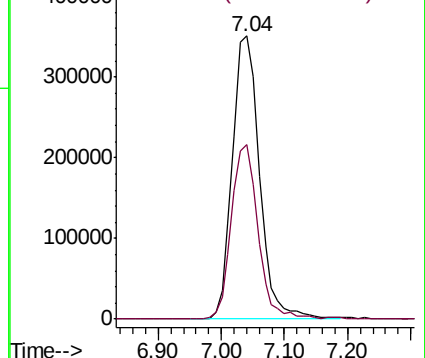
168 100

99 61.5 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: 38.235 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063276.D

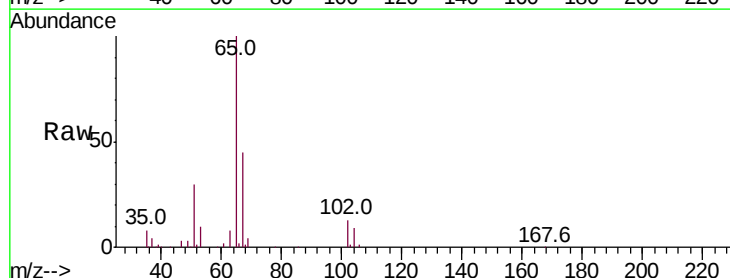
Acq: 31 Jul 2019 13:59

Tgt Ion: 65 Resp: 444233

Ion Ratio Lower Upper

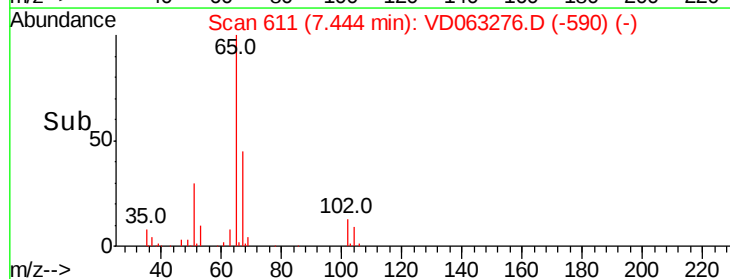
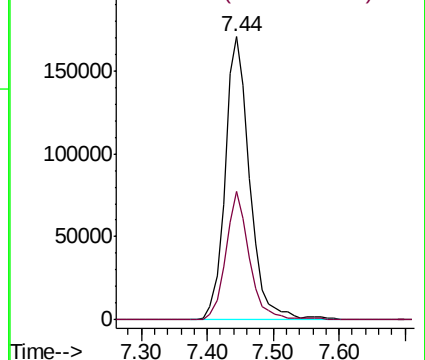
65 100

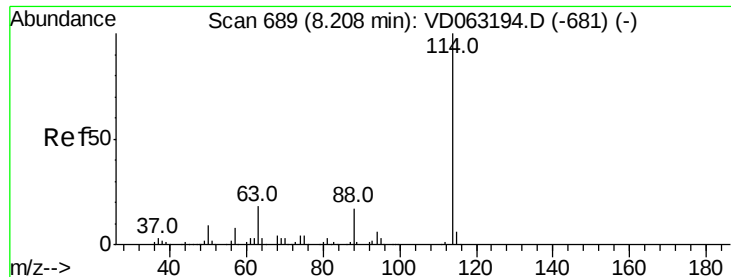
67 45.5 0.0 85.8



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: VD063276.D

Acq: 31 Jul 2019 13:59

Instrument :

MSVOA_D

ClientSampleId :

TP-13

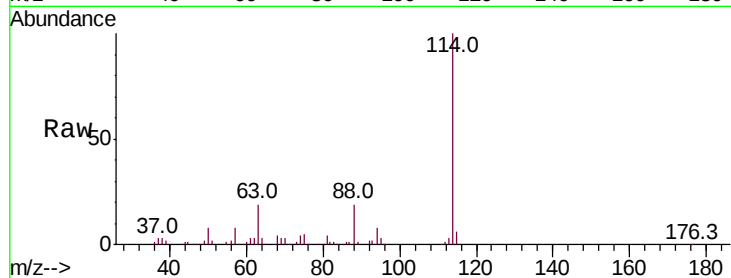
Tot Ion:114 Resp: 1406850

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.2

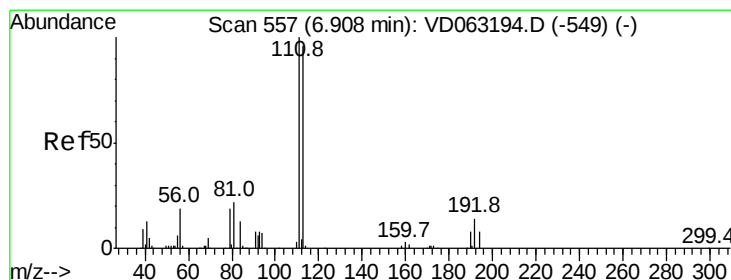
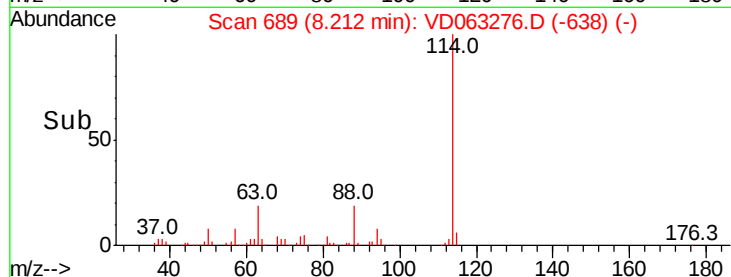
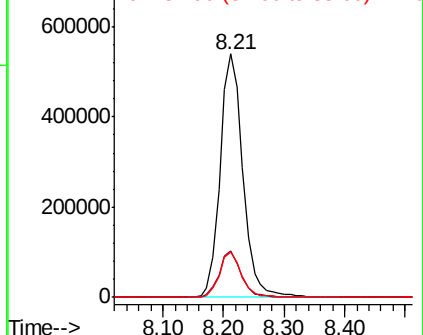
88 18.6 0.0 34.6



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: 39.782 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063276.D

Acq: 31 Jul 2019 13:59

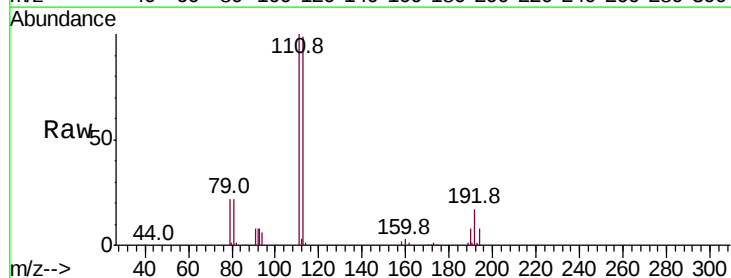
Tgt Ion:113 Resp: 477838

Ion Ratio Lower Upper

113 100

111 101.2 83.2 124.8

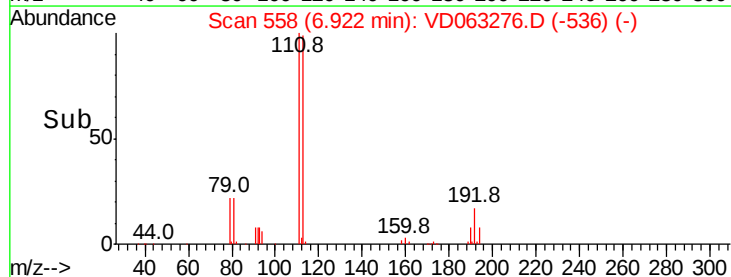
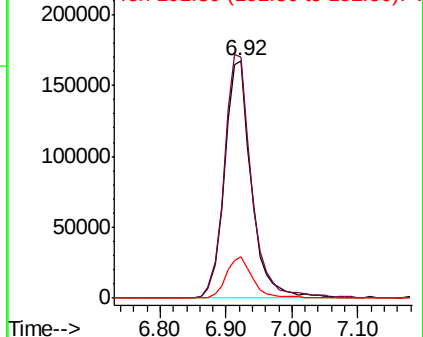
192 17.5 11.8 17.8

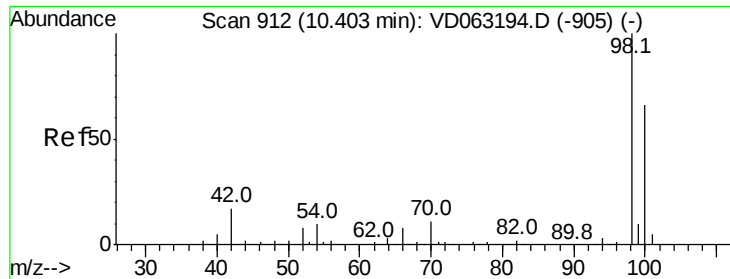


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 35.081 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063276.D

Acq: 31 Jul 2019 13:59

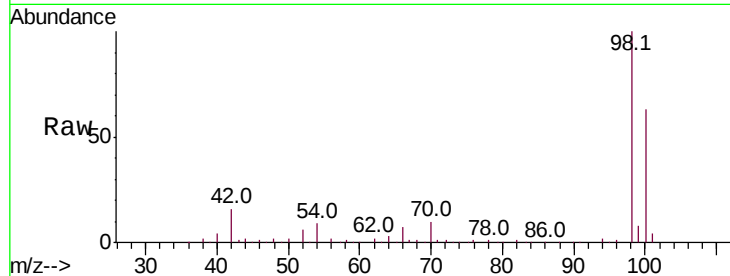
Instrument :
MSVOA_D
ClientSampled :
TP-13

Tot Ion: 98 Resp: 943035

Ion Ratio Lower Upper

98 100

100 63.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD063194.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063194.D (-905) (-)

10.41

400000

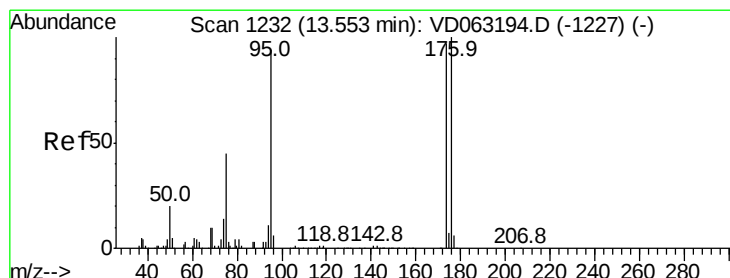
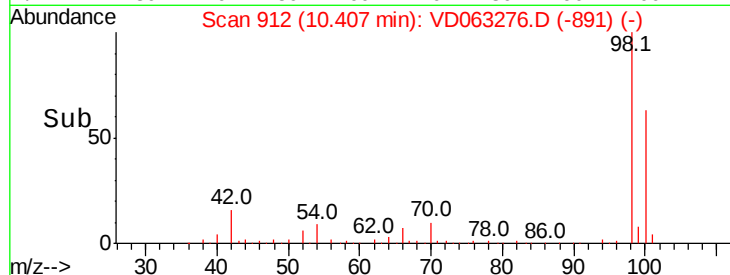
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.103 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063276.D

Acq: 31 Jul 2019 13:59

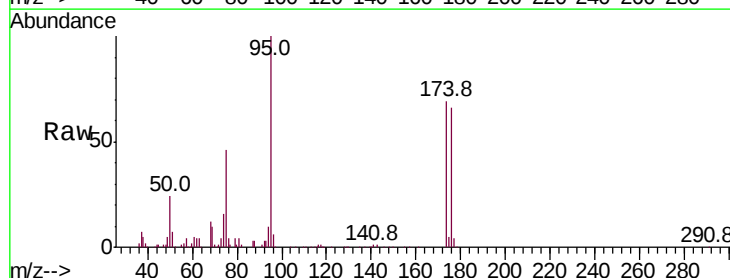
Tgt Ion: 95 Resp: 381010

Ion Ratio Lower Upper

95 100

174 69.1 0.0 205.4

176 66.2 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD063194.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD063194.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD063194.D (-1227) (-)

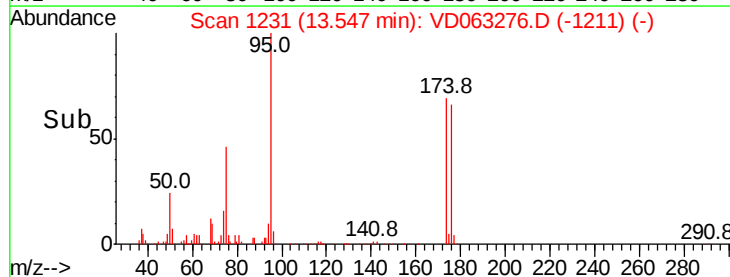
300000

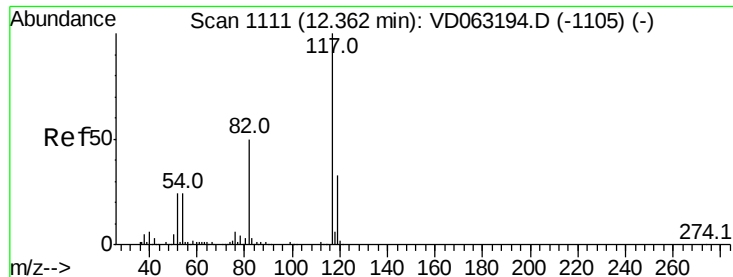
200000

100000

0

Time-->

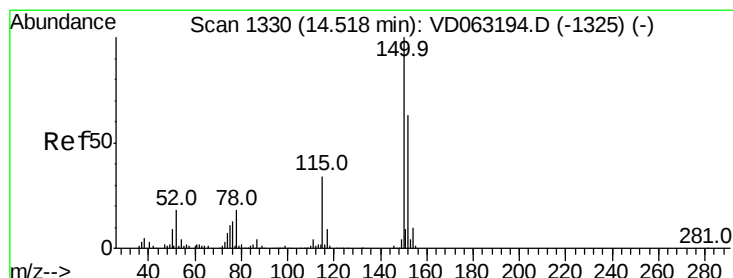
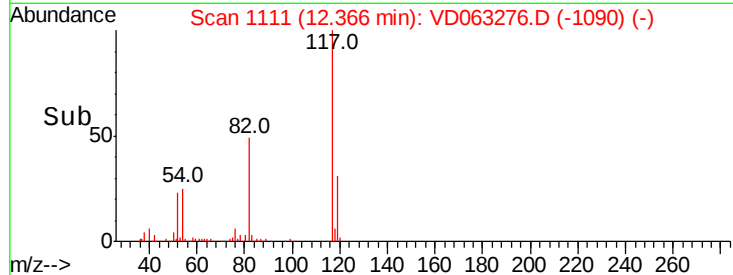
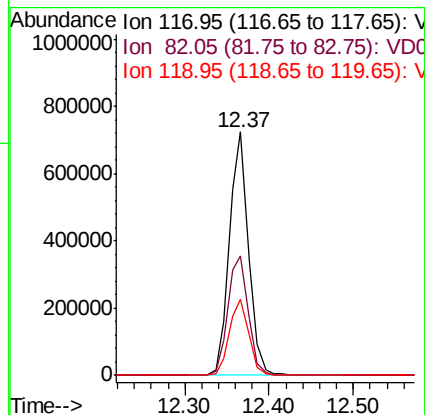
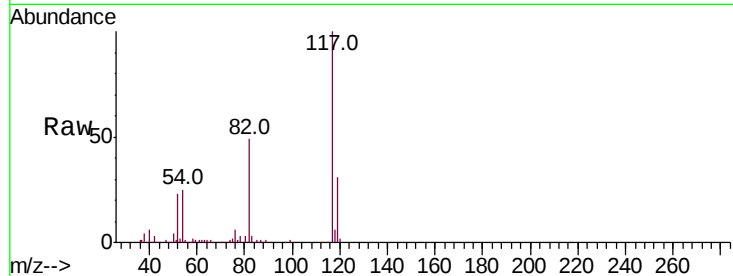




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063276.D
Acq: 31 Jul 2019 13:59

Instrument :
MSVOA_D
ClientSampled :
TP-13

Tot Ion:117 Resp: 1138380
Ion Ratio Lower Upper
117 100
82 49.2 40.1 60.1
119 31.4 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: VD063276.D
Acq: 31 Jul 2019 13:59

Tgt Ion:152 Resp: 480967
Ion Ratio Lower Upper
152 100
115 65.6 27.5 82.4
150 163.6 0.0 320.6

