

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063275.D
 Acq On : 31 Jul 2019 13:32
 Operator : VA/AP
 Sample : K4066-11
 Misc : 5.22g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Quant Time: Aug 01 04:23:33 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	7.04	168	1044880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1409809	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1053677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	419504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	436319	37.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.26%	
35) Dibromofluoromethane	6.92	113	499375	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
50) Toluene-d8	10.40	98	961052	35.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.36%	
62) 4-Bromofluorobenzene	13.55	95	357015	29.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.16%	

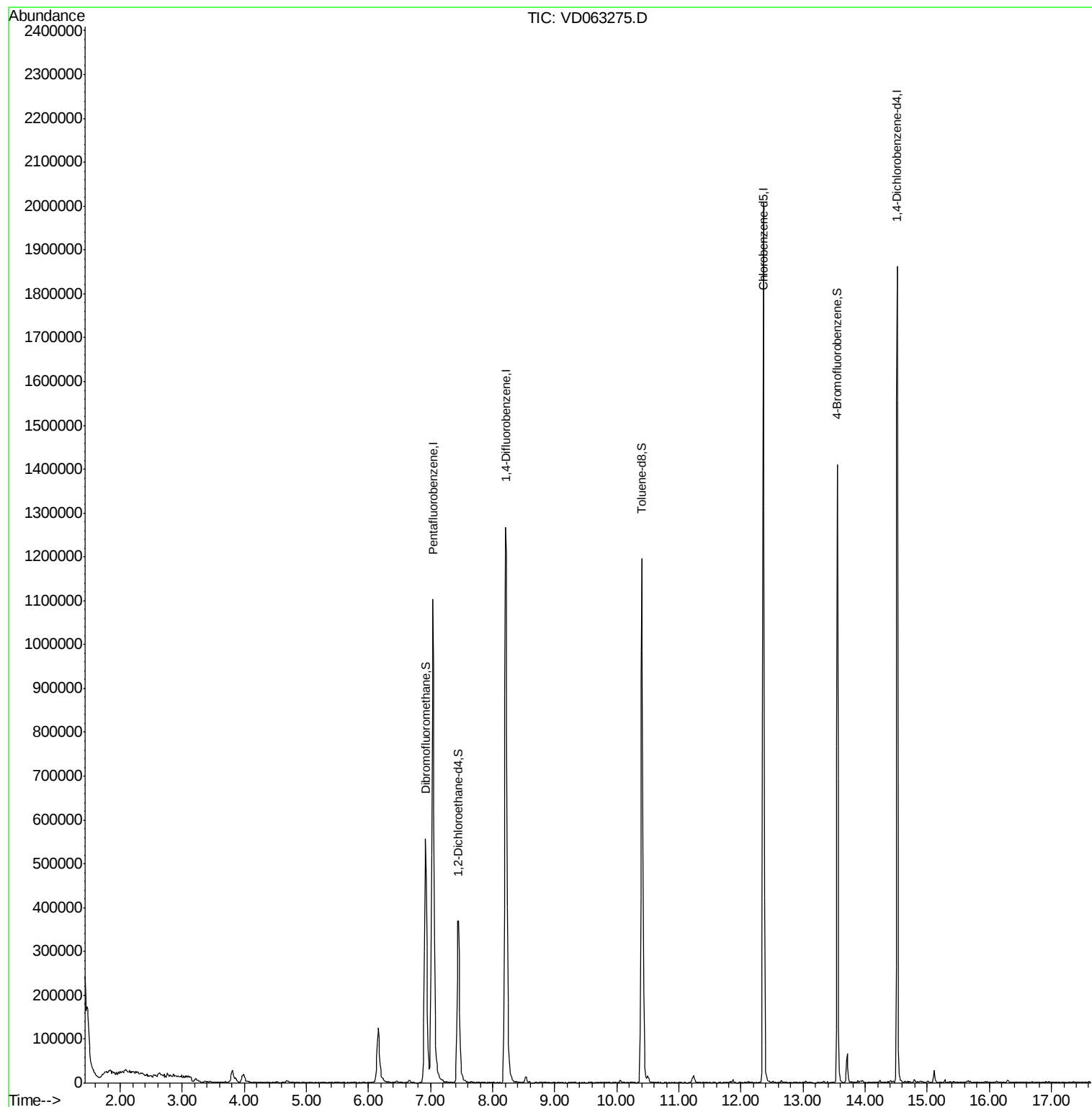
Target Compounds	Qvalue

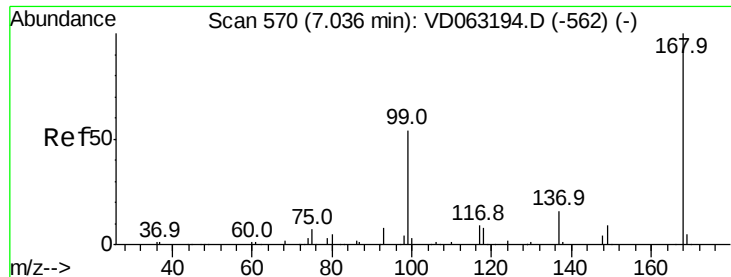
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063275.D

Acq: 31 Jul 2019 13:32

Instrument :

MSVOA_D

ClientSampled :

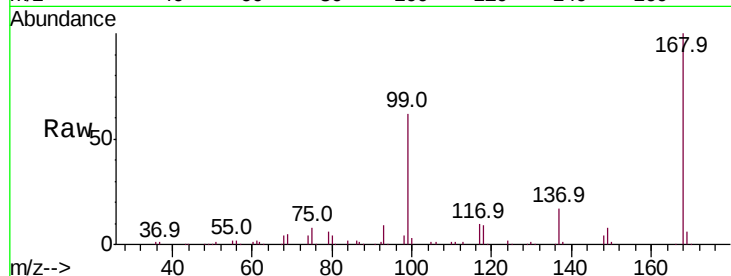
TP-12

Tot Ion:168 Resp: 1044880

Ion Ratio Lower Upper

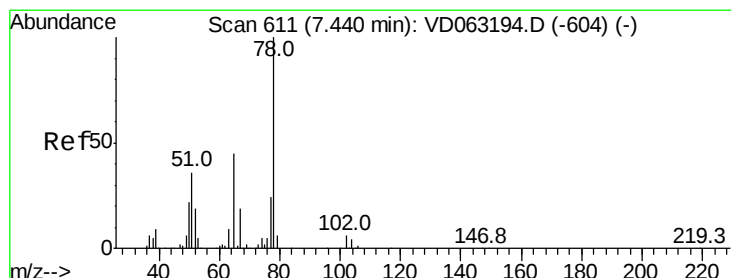
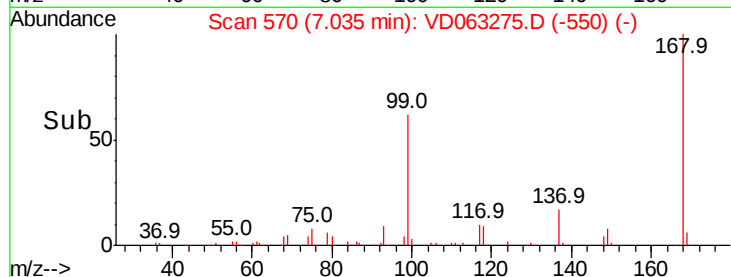
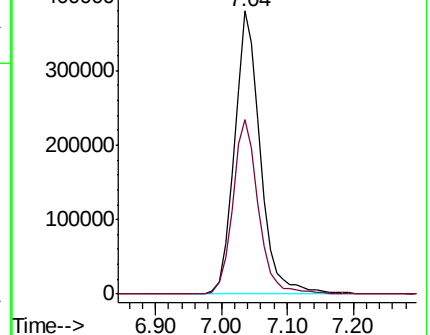
168 100

99 61.8 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: 37.633 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063275.D

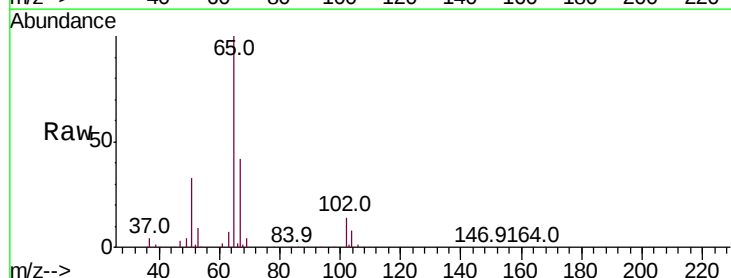
Acq: 31 Jul 2019 13:32

Tgt Ion: 65 Resp: 436319

Ion Ratio Lower Upper

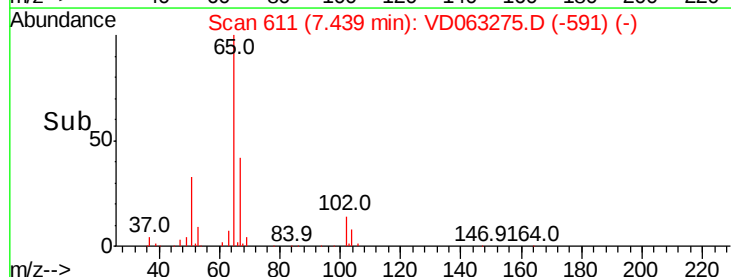
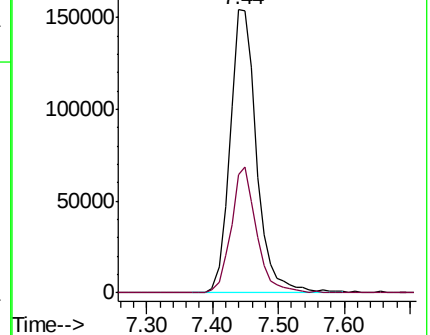
65 100

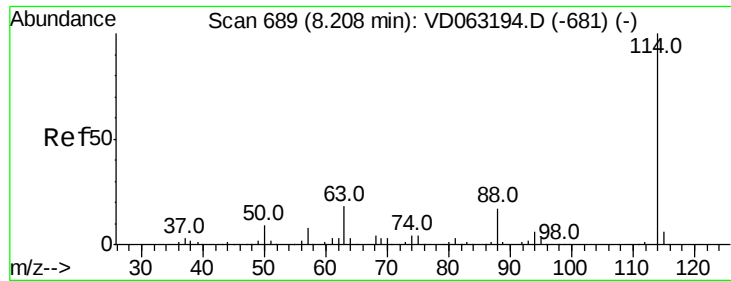
67 41.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

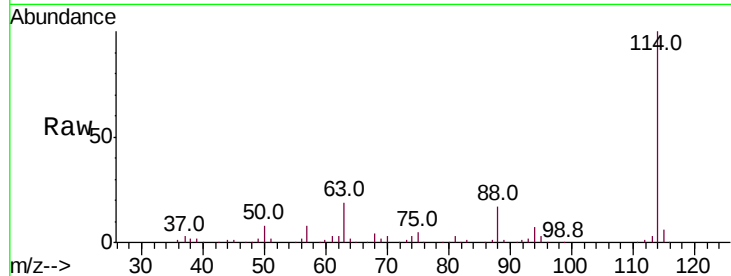




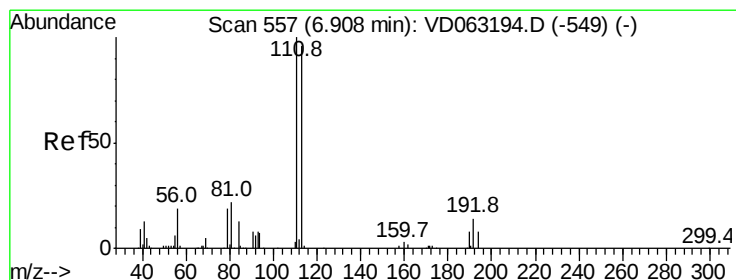
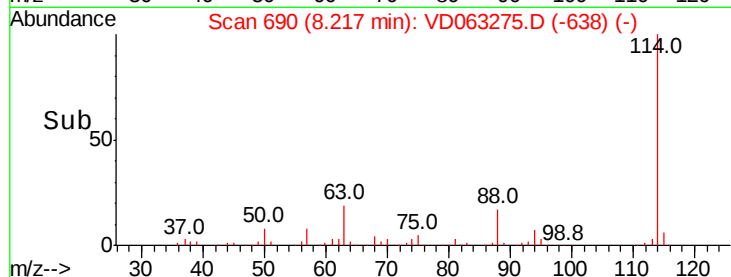
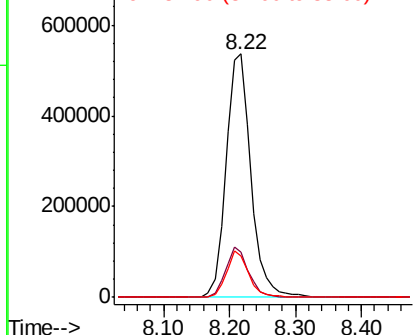
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063275.D
 Acq: 31 Jul 2019 13:32

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Tot Ion:114 Resp: 1409809
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.2
 88 17.2 0.0 34.6

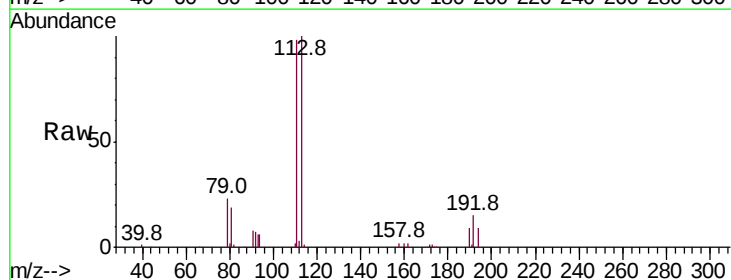


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

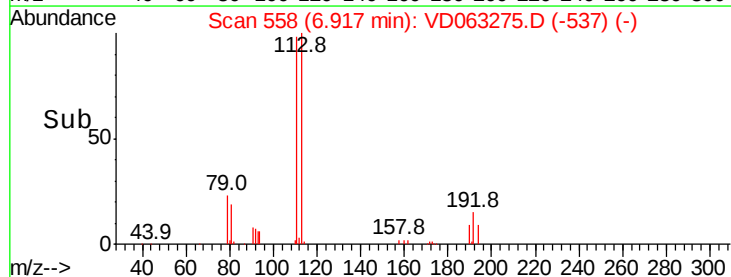
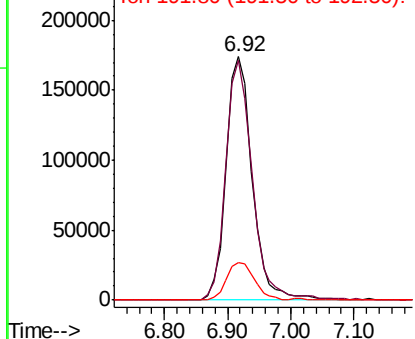


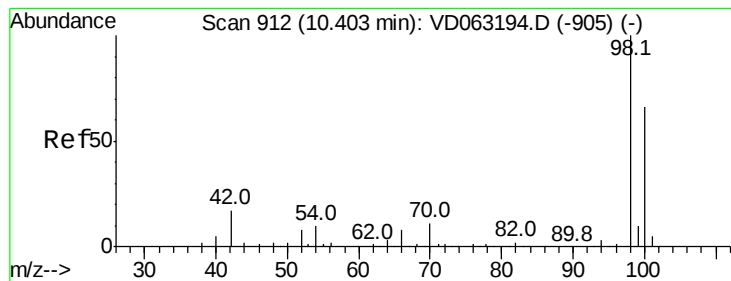
#35
 Dibromofluoromethane
 Concen: 41.487 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063275.D
 Acq: 31 Jul 2019 13:32

Tgt Ion:113 Resp: 499375
 Ion Ratio Lower Upper
 113 100
 111 98.5 83.2 124.8
 192 15.4 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: 35.676 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063275.D

Acq: 31 Jul 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

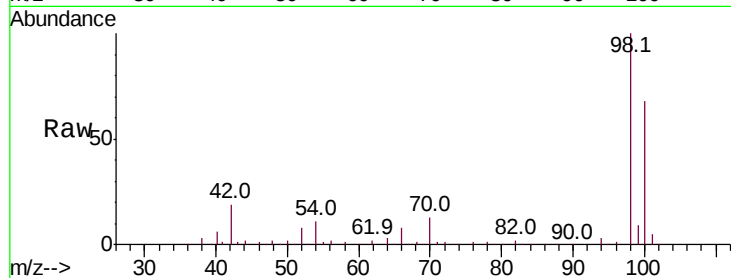
TP-12

Tot Ion: 98 Resp: 961052

Ion Ratio Lower Upper

98 100

100 67.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

400000

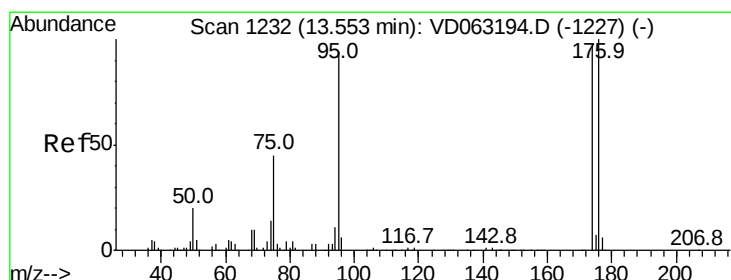
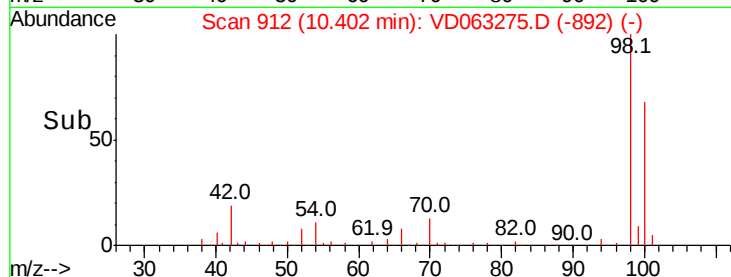
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.083 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063275.D

Acq: 31 Jul 2019 13:32

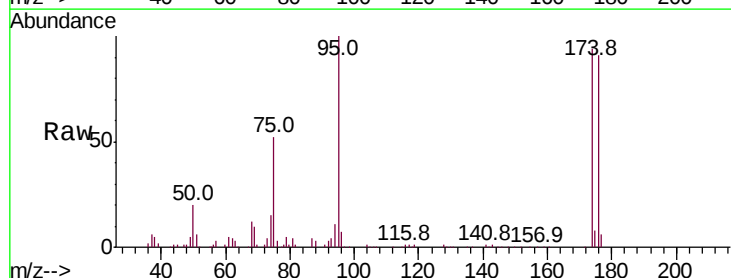
Tgt Ion: 95 Resp: 357015

Ion Ratio Lower Upper

95 100

174 94.2 0.0 205.4

176 91.5 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

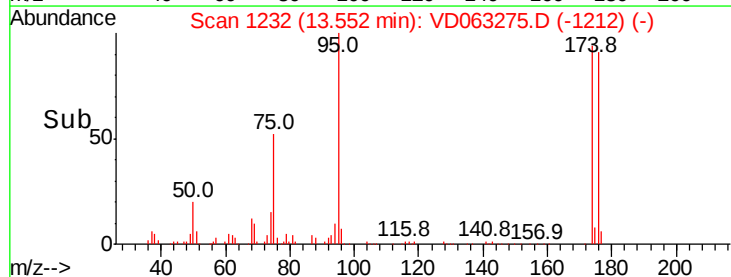
300000

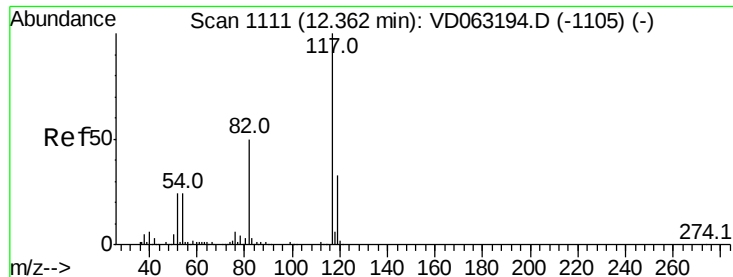
200000

100000

0

Time-->

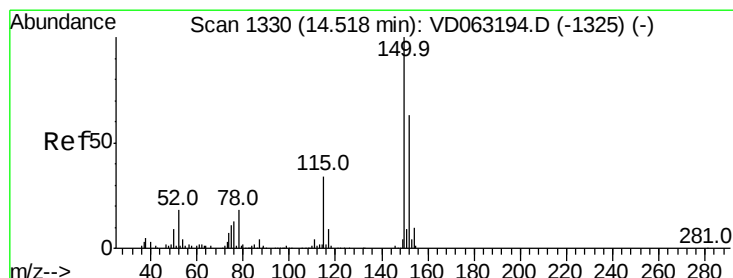
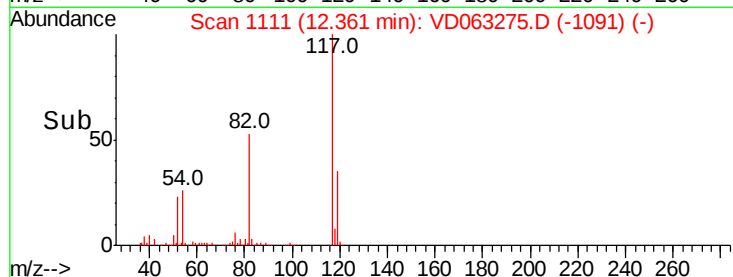
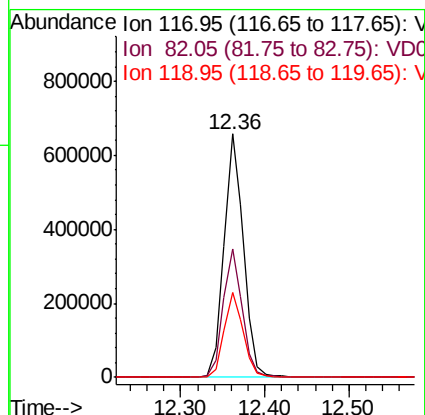
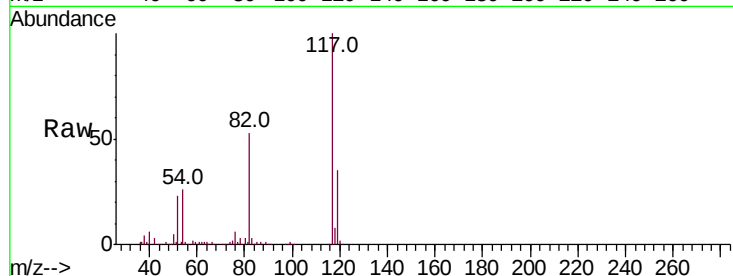




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063275.D
Acq: 31 Jul 2019 13:32

Instrument :
MSVOA_D
ClientSampled :
TP-12

Tot Ion:117 Resp: 1053677
Ion Ratio Lower Upper
117 100
82 53.0 40.1 60.1
119 34.7 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: VD063275.D
Acq: 31 Jul 2019 13:32

Tgt Ion:152 Resp: 419504
Ion Ratio Lower Upper
152 100
115 56.8 27.5 82.4
150 154.9 0.0 320.6

