

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063228.D
 Acq On : 30 Jul 2019 6:16
 Operator : VA/AP
 Sample : K3622-15
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-072919-B

Quant Time: Jul 30 09:00:46 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	832785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1139779	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	820245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	412184	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	466112	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	6.92	113	500700	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.40	98	1000894	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	13.55	95	457197	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

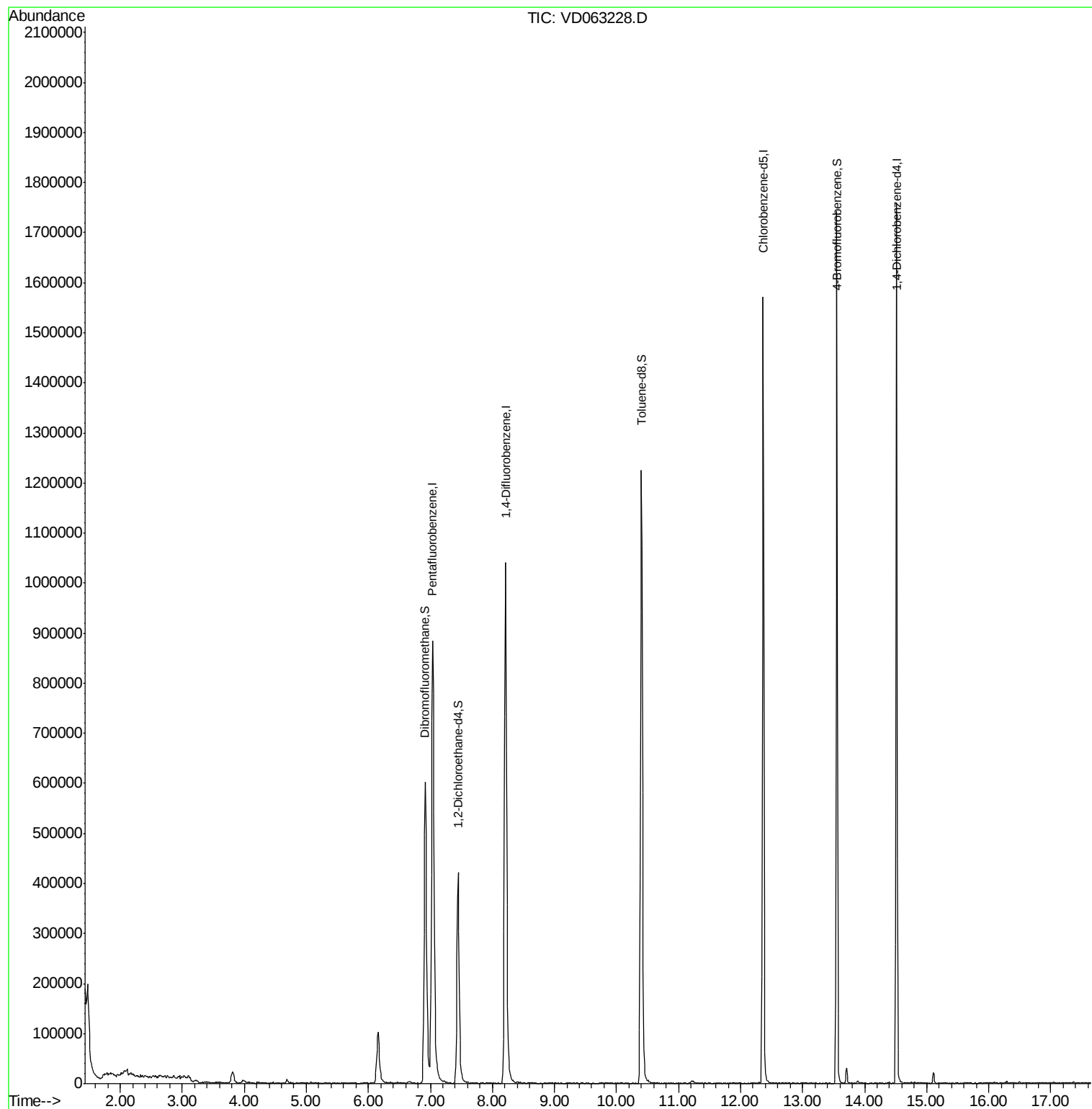
Target Compounds	Qvalue

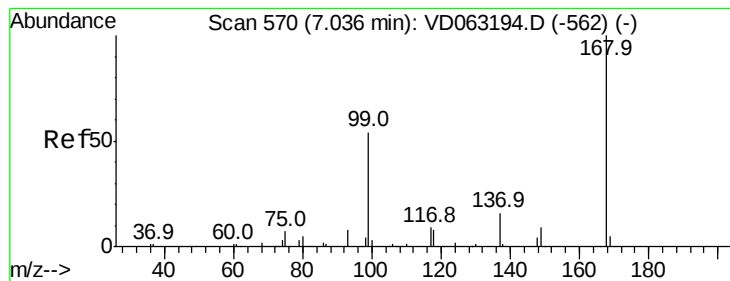
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD063228.D

Acq: 30 Jul 2019 6:16

Instrument :

MSVOA_D

ClientSampleId :

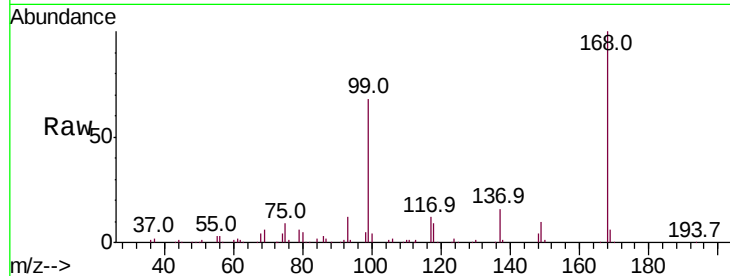
OR-03-072919-B

Tot Ion:168 Resp: 832785

Ion Ratio Lower Upper

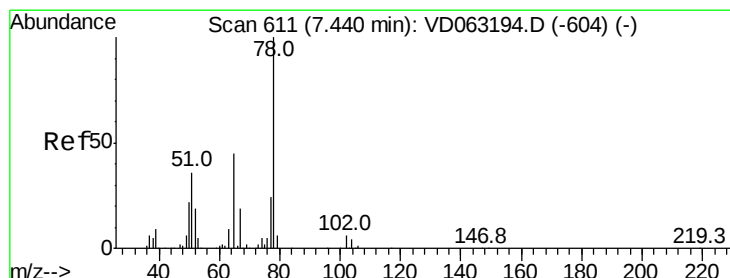
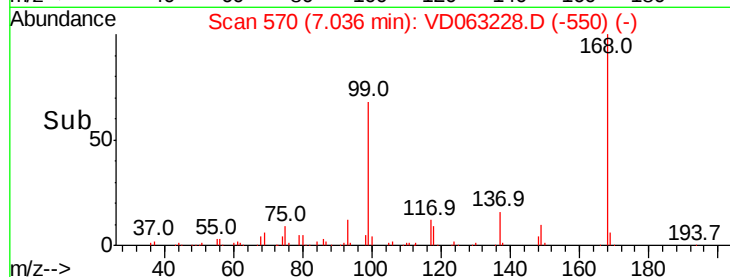
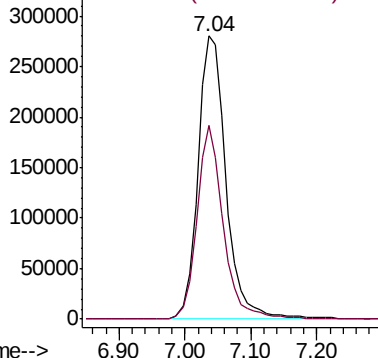
168 100

99 68.4 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: 50.442 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063228.D

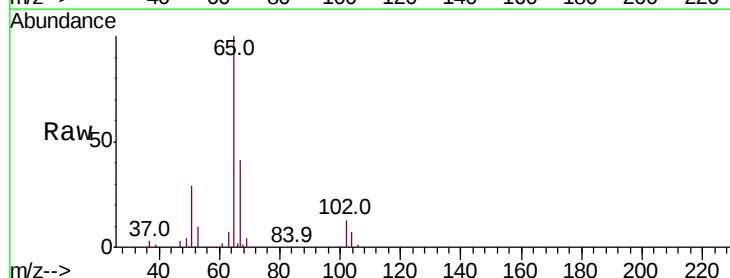
Acq: 30 Jul 2019 6:16

Tgt Ion: 65 Resp: 466112

Ion Ratio Lower Upper

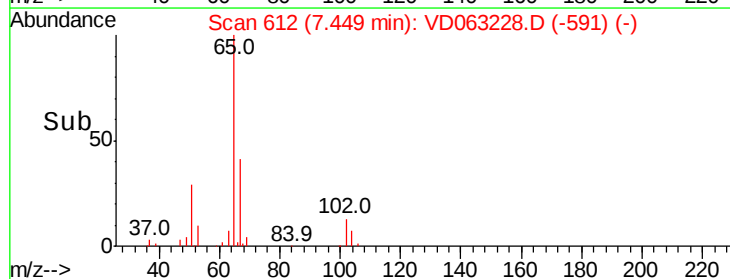
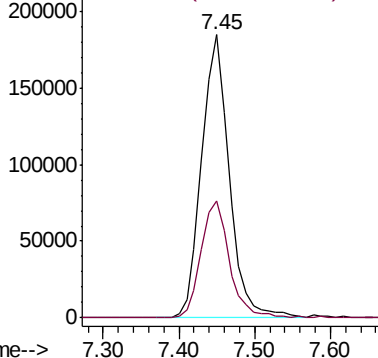
65 100

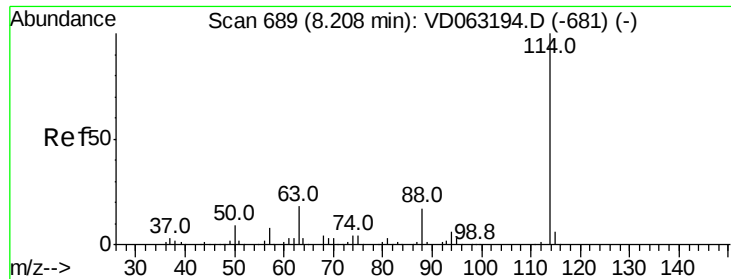
67 41.2 0.0 85.8



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: VD063228.D

Acq: 30 Jul 2019 6:16

Instrument :

MSVOA_D

ClientSampleId :

OR-03-072919-B

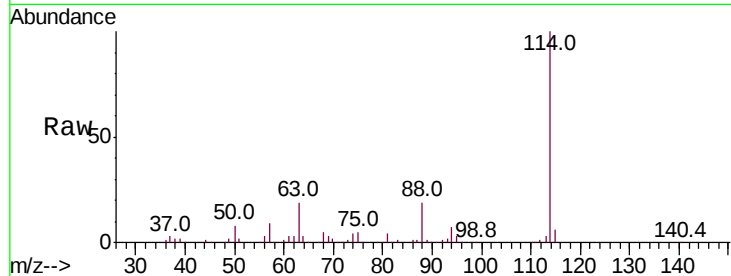
Tot Ion:114 Resp: 1139779

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.2

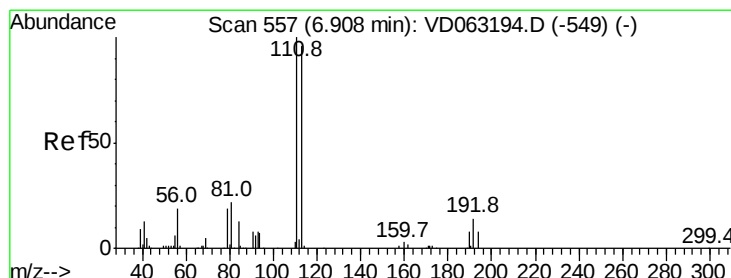
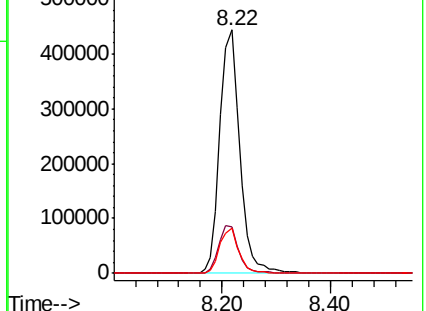
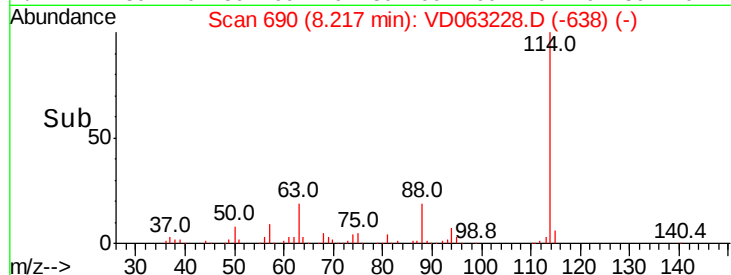
88 18.8 0.0 34.6



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: 51.453 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063228.D

Acq: 30 Jul 2019 6:16

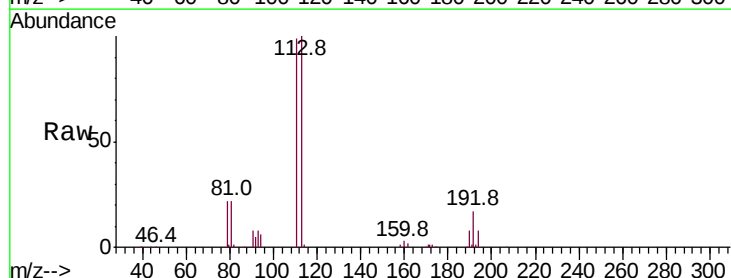
Tgt Ion:113 Resp: 500700

Ion Ratio Lower Upper

113 100

111 98.5 83.2 124.8

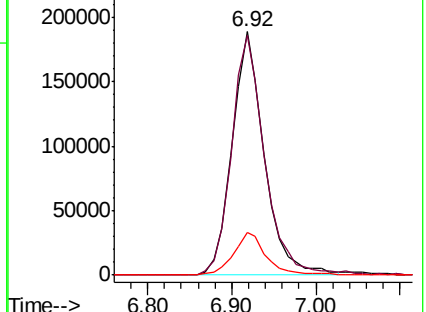
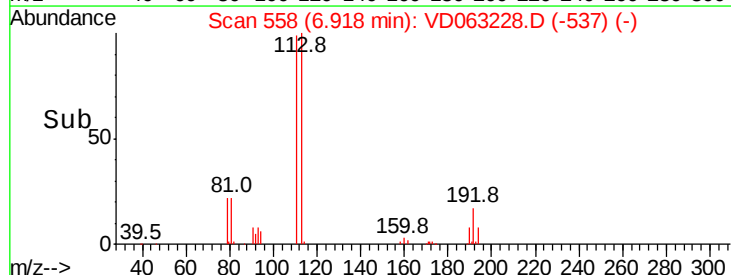
192 17.4 11.8 17.8

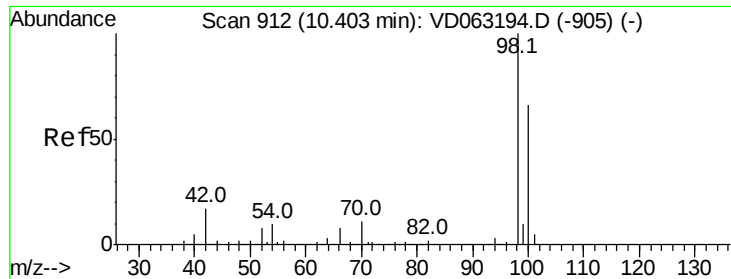


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

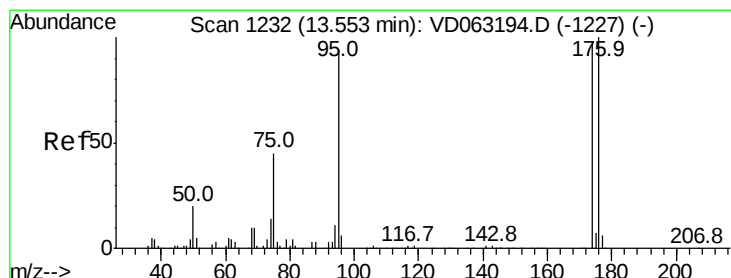
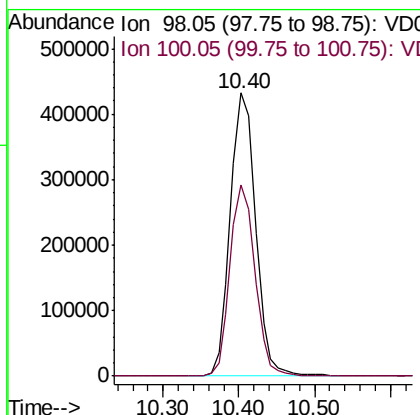
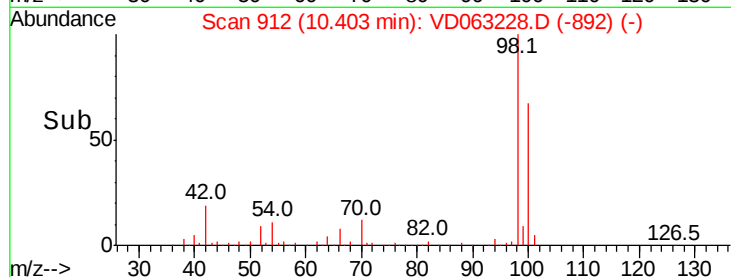
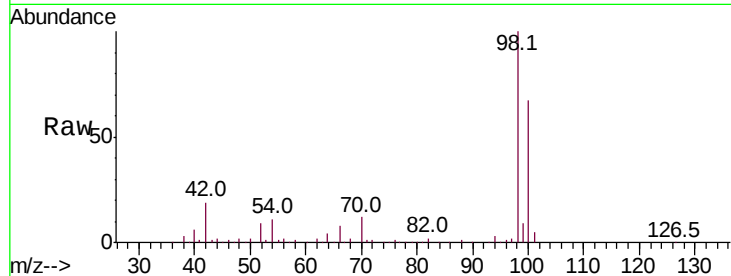




#50
Toluene-d8
Concen: 45.958 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063228.D
Acq: 30 Jul 2019 6:16

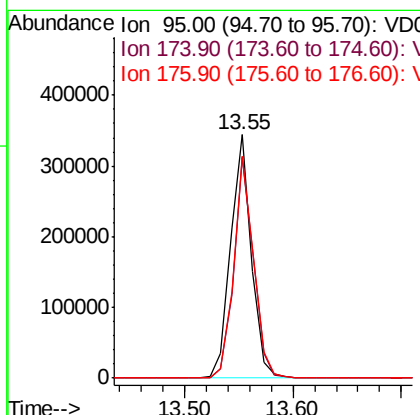
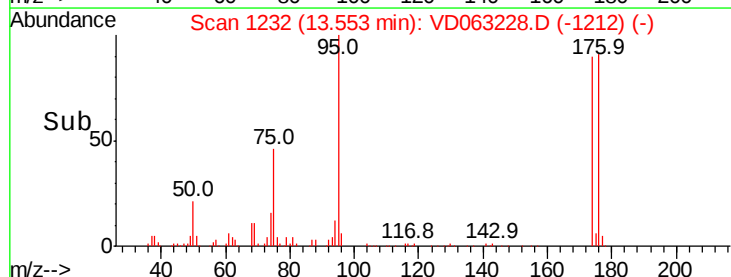
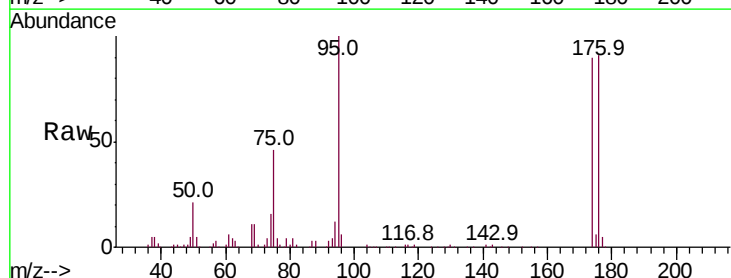
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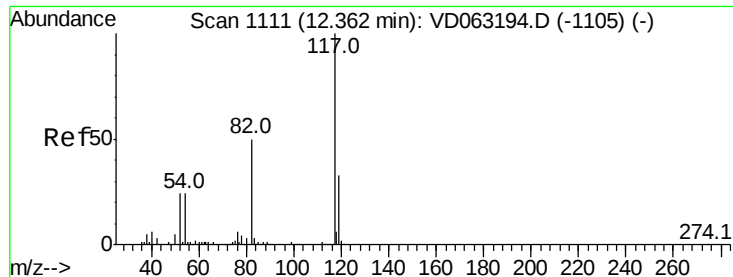
Tot Ion: 98 Resp: 1000894
Ion Ratio Lower Upper
98 100
100 67.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.068 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063228.D
Acq: 30 Jul 2019 6:16

Tgt Ion: 95 Resp: 457197
Ion Ratio Lower Upper
95 100
174 90.4 0.0 205.4
176 91.3 0.0 211.8

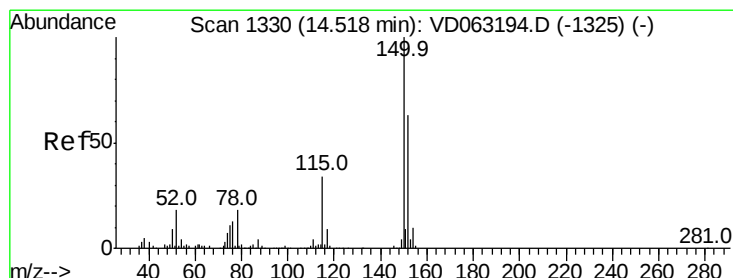
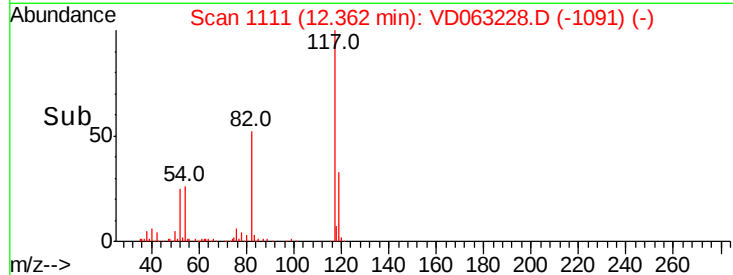
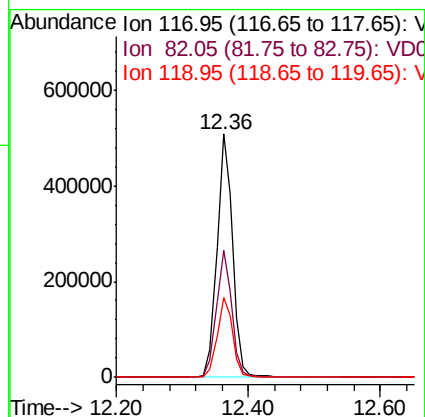
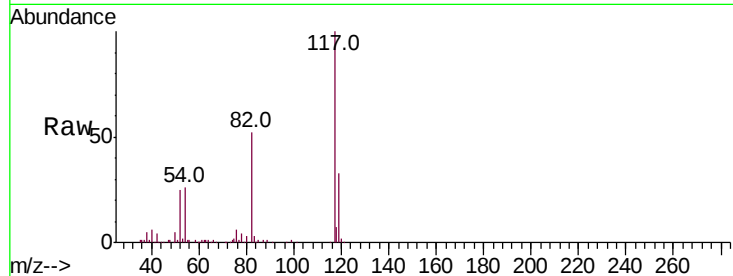




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063228.D
Acq: 30 Jul 2019 6:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-072919-B

Tot Ion:117 Resp: 820245
Ion Ratio Lower Upper
117 100
82 52.1 40.1 60.1
119 32.5 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: VD063228.D
Acq: 30 Jul 2019 6:16

Tgt Ion:152 Resp: 412184
Ion Ratio Lower Upper
152 100
115 49.2 27.5 82.4
150 156.4 0.0 320.6

