

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062968.D
 Acq On : 28 Jun 2019 16:13
 Operator : VA/AP
 Sample : K3163-13
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-062719-A

Quant Time: Jun 29 00:58:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	736168	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	968599	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	749458	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	336504	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	418442	52.29	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	6.90	113	429938	52.64	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	10.38	98	828046	46.58	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	13.54	95	337067	41.70	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.40%	

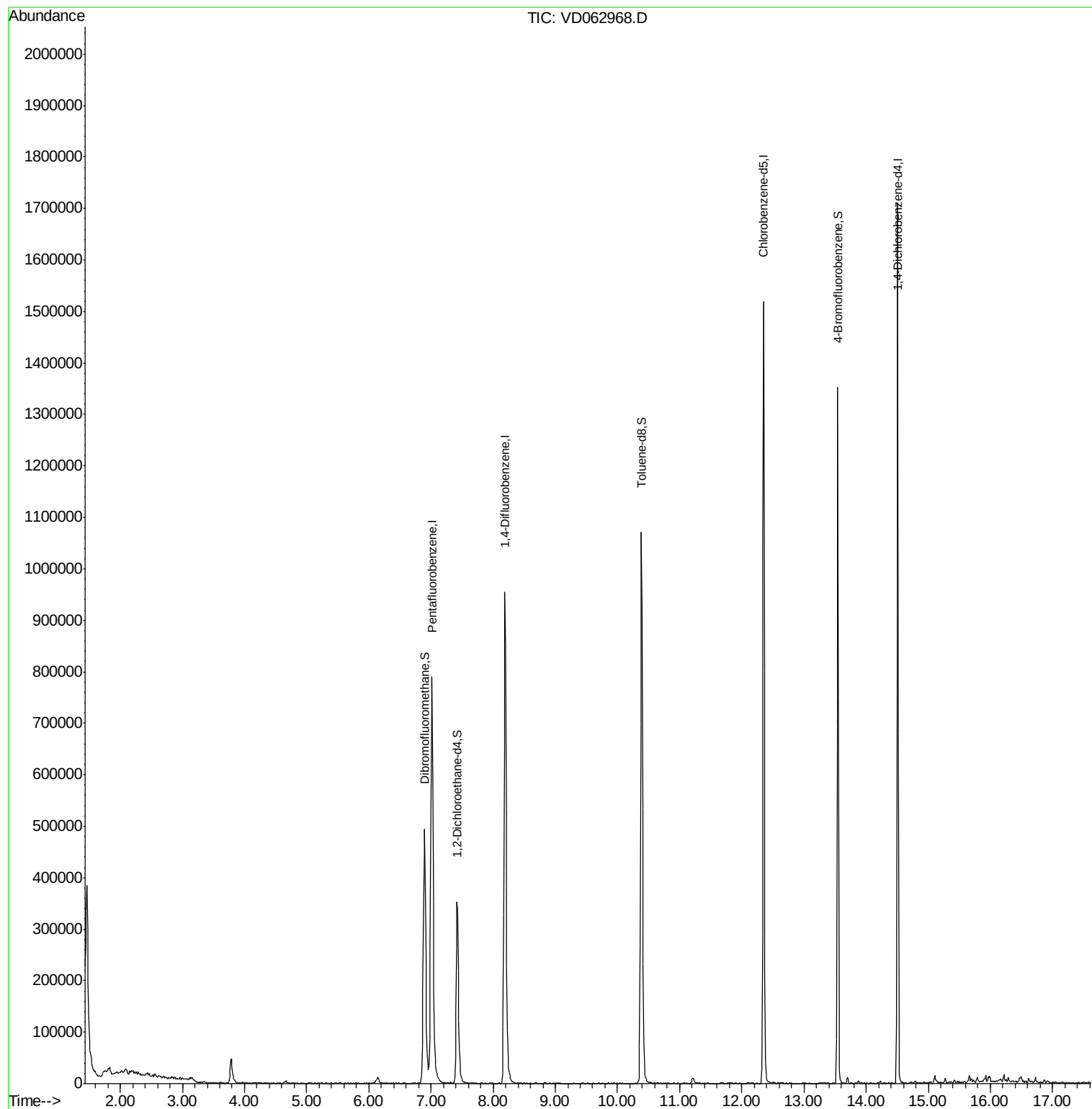
Target Compounds	Qvalue

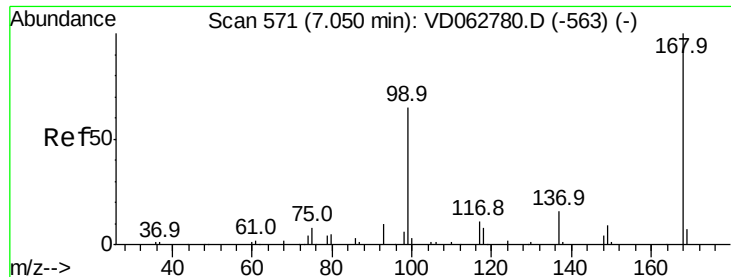
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062968.D

Acq: 28 Jun 2019 16:13

Instrument :

MSVOA_D

ClientSampleId :

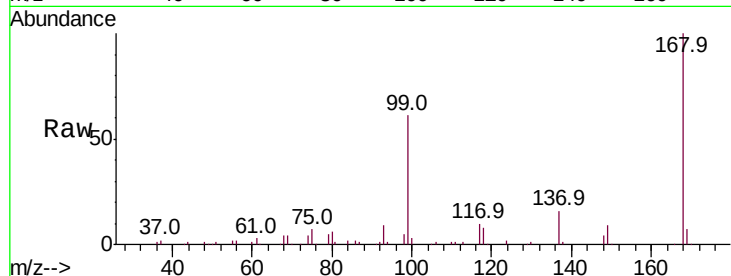
SU-01-062719-A

Tot Ion:168 Resp: 736168

Ion Ratio Lower Upper

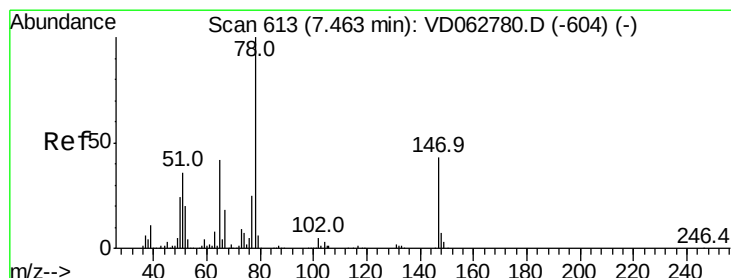
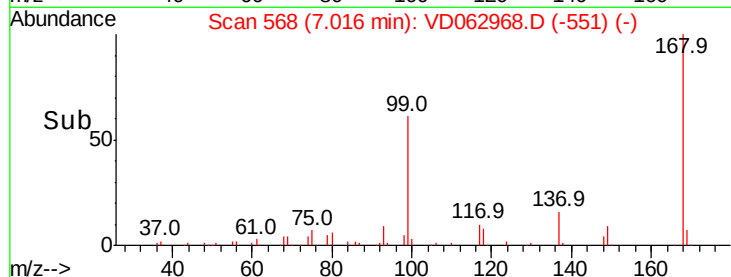
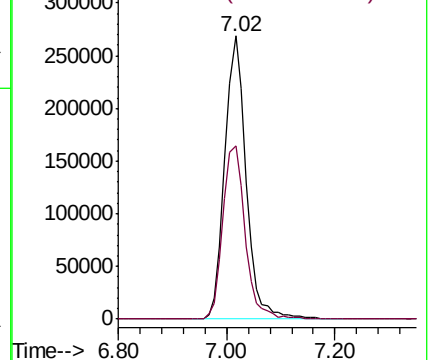
168 100

99 61.2 53.0 79.6



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: 52.292 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062968.D

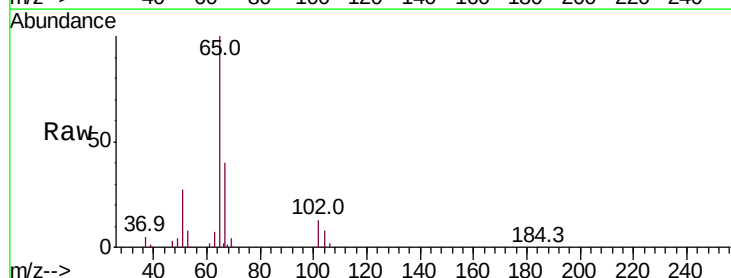
Acq: 28 Jun 2019 16:13

Tgt Ion: 65 Resp: 418442

Ion Ratio Lower Upper

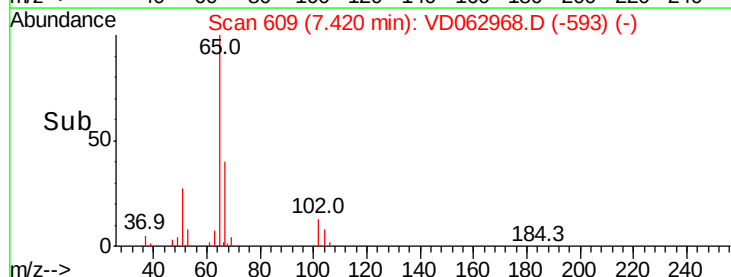
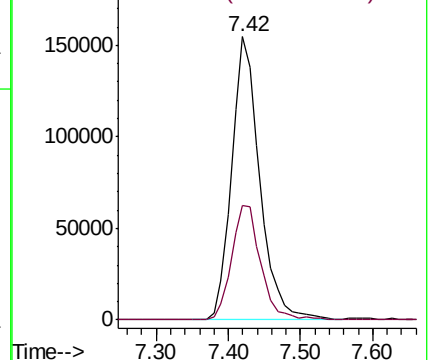
65 100

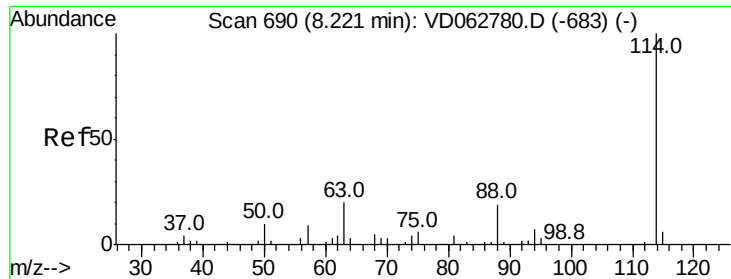
67 40.4 0.0 87.4



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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062968.D

Acq: 28 Jun 2019 16:13

Instrument :

MSVOA_D

ClientSampleId :

SU-01-062719-A

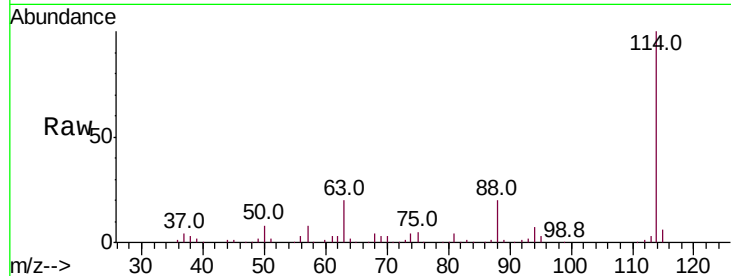
Tot Ion:114 Resp: 968599

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

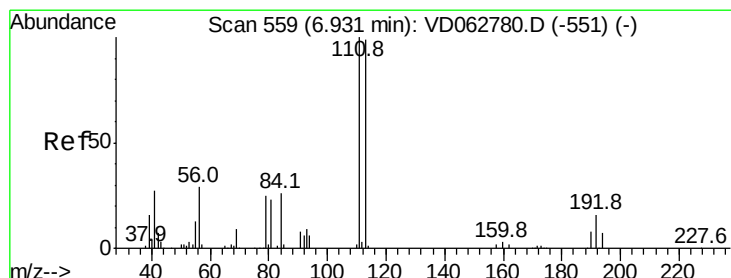
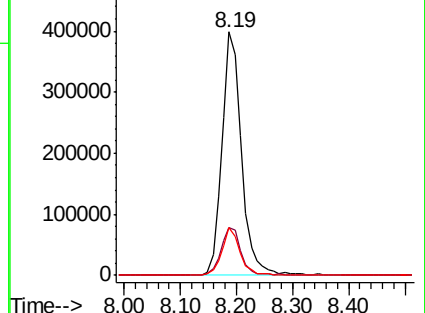
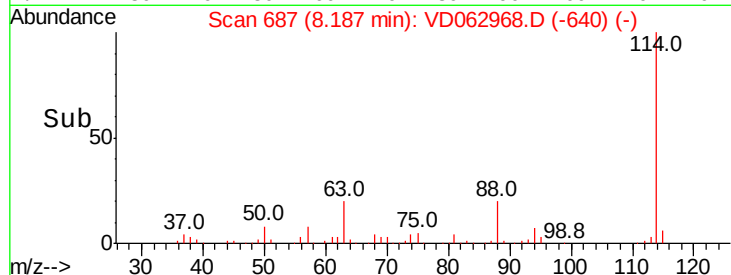
88 19.6 0.0 38.8



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: 52.642 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062968.D

Acq: 28 Jun 2019 16:13

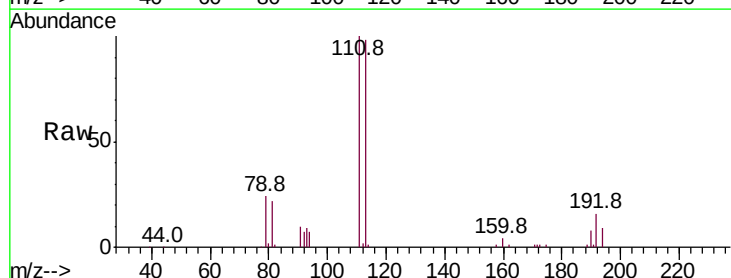
Tgt Ion:113 Resp: 429938

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

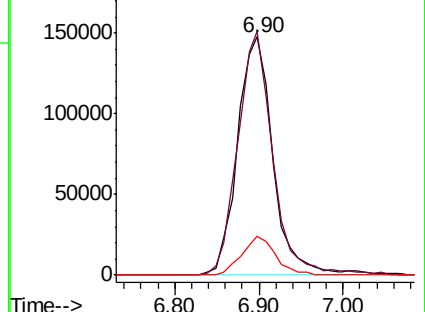
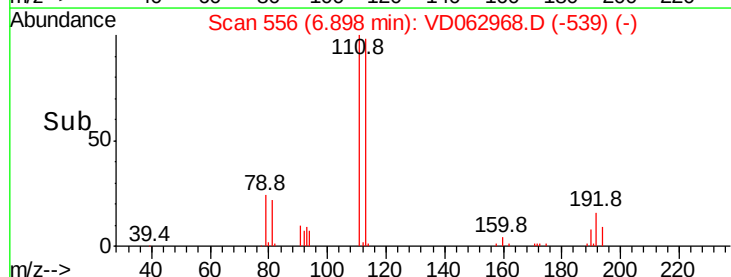
192 16.1 12.9 19.3

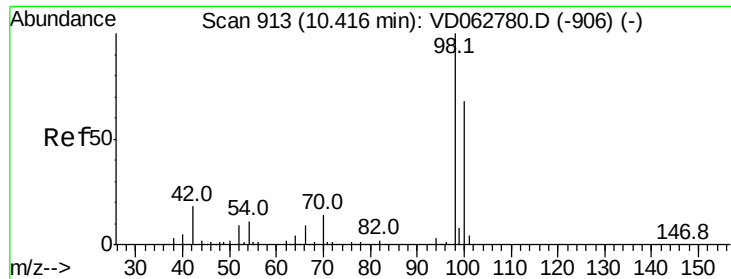


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

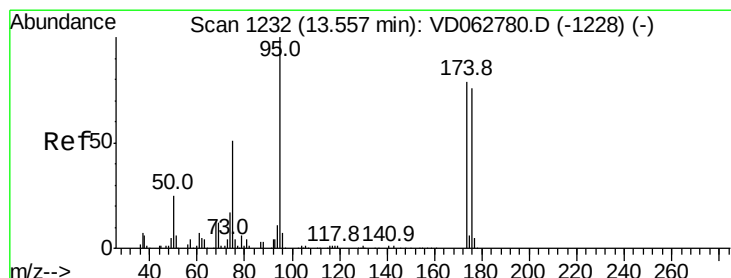
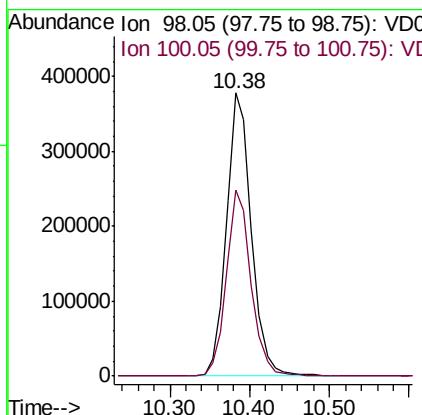
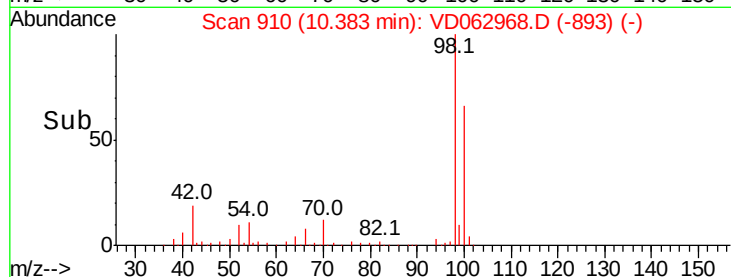
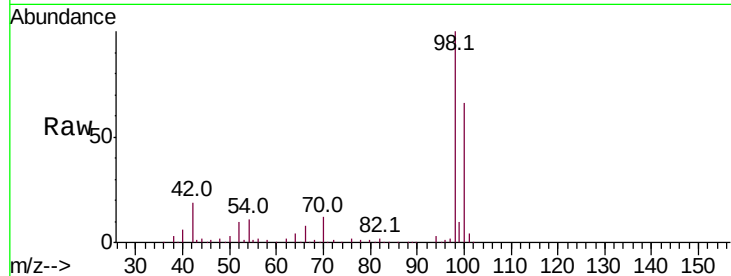




#50
Toluene-d8
Concen: 46.583 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062968.D
Acq: 28 Jun 2019 16:13

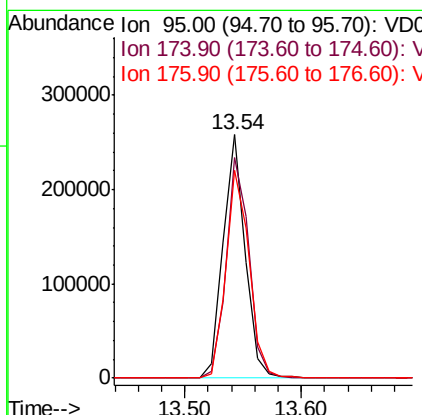
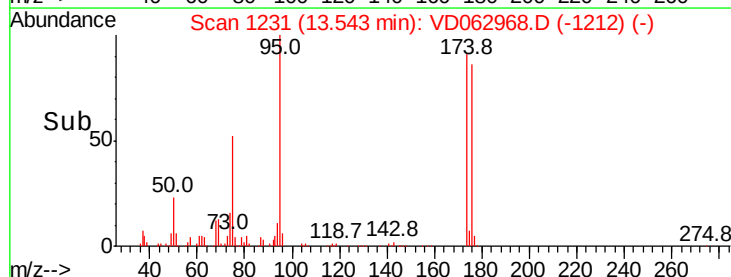
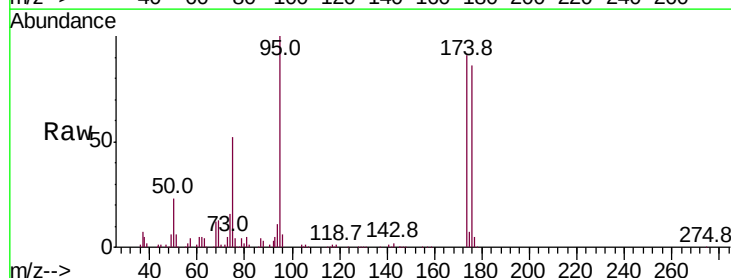
Instrument :
MSVOA_D
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SU-01-062719-A

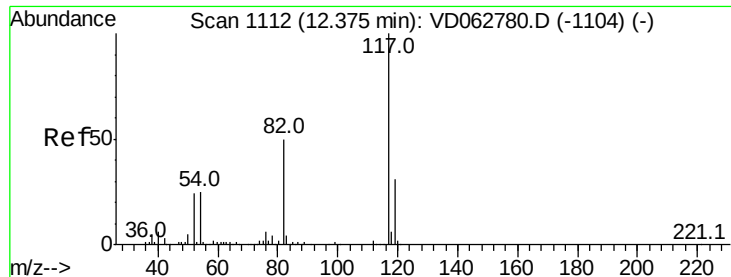
Tot Ion: 98 Resp: 828046
Ion Ratio Lower Upper
98 100
100 65.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 41.702 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062968.D
Acq: 28 Jun 2019 16:13

Tgt Ion: 95 Resp: 337067
Ion Ratio Lower Upper
95 100
174 90.6 0.0 158.0
176 85.5 0.0 151.6

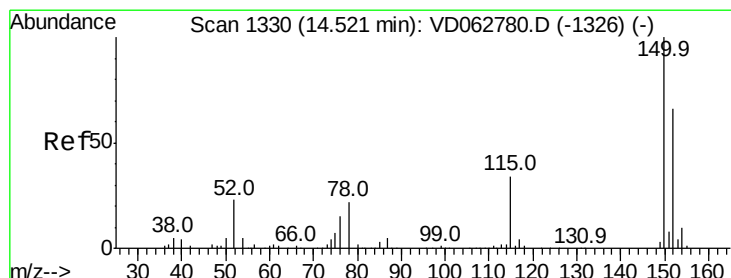
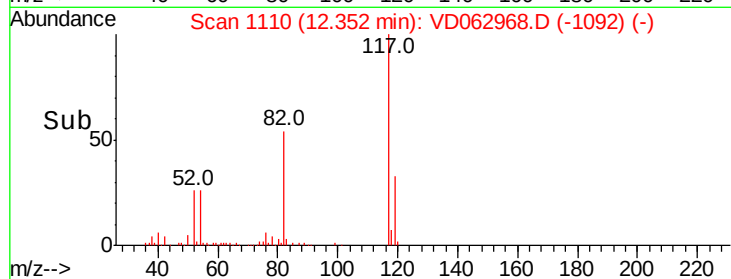
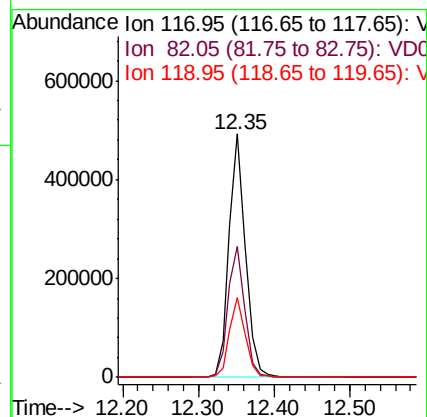
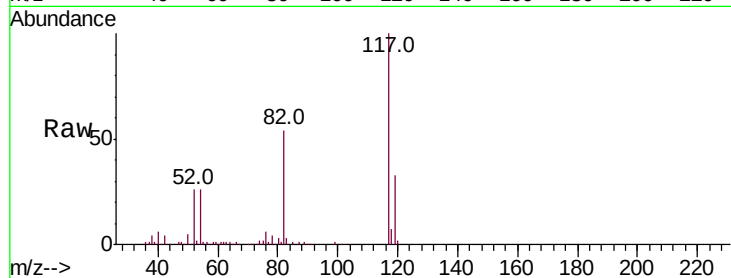




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062968.D
Acq: 28 Jun 2019 16:13

Instrument :
MSVOA_D
ClientSampleId :
SU-01-062719-A

Tot Ion:117 Resp: 749458
Ion Ratio Lower Upper
117 100
82 53.8 40.4 60.6
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062968.D
Acq: 28 Jun 2019 16:13

Tgt Ion:152 Resp: 336504
Ion Ratio Lower Upper
152 100
115 59.4 29.2 87.6
150 151.4 0.0 305.8

