

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062966.D
 Acq On : 28 Jun 2019 15:16
 Operator : VA/AP
 Sample : K3509-03
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-06-062619-B

Quant Time: Jun 29 00:54:10 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	7.03	168	736084	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	994369	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	810721	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	376331	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	465034	58.12	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	116.24%	
35) Dibromofluoromethane	6.90	113	482382	57.53	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	115.06%	
50) Toluene-d8	10.39	98	934566	51.21	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	13.54	95	416691	50.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.44%	

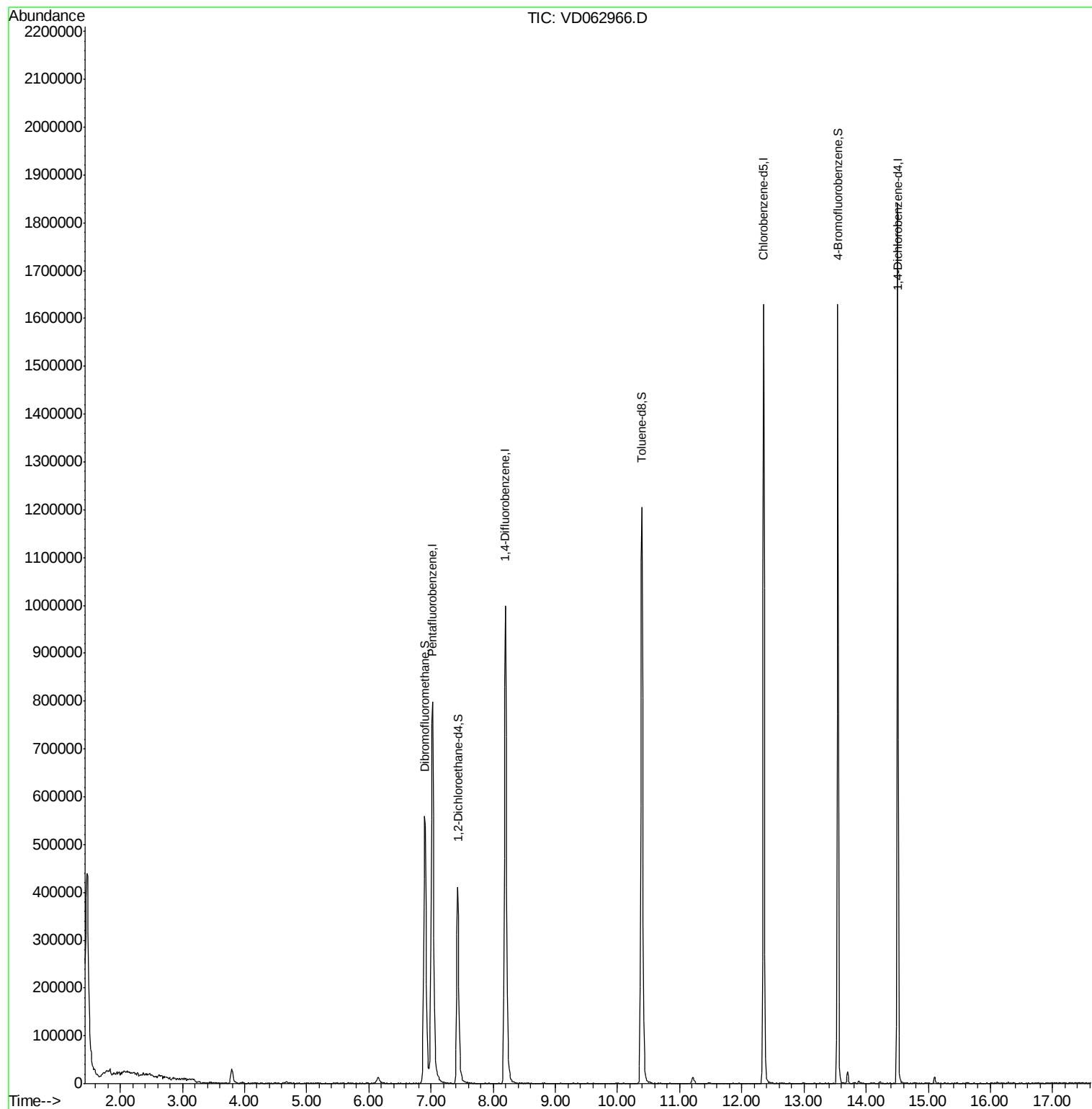
Target Compounds	Qvalue

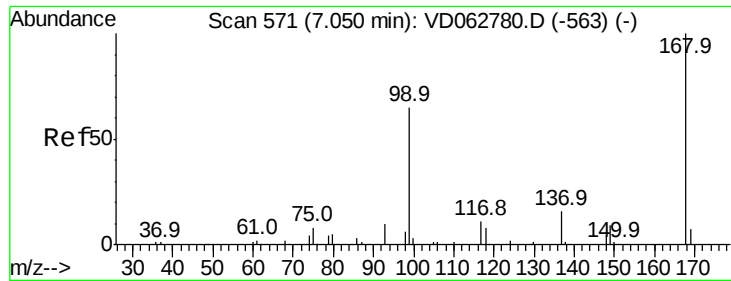
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062966.D

Acq: 28 Jun 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

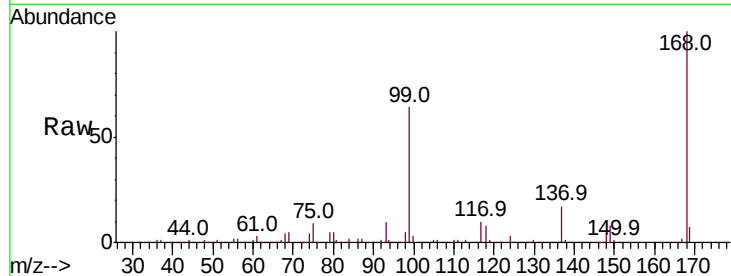
SA-06-062619-B

Tot Ion:168 Resp: 736084

Ion Ratio Lower Upper

168 100

99 64.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

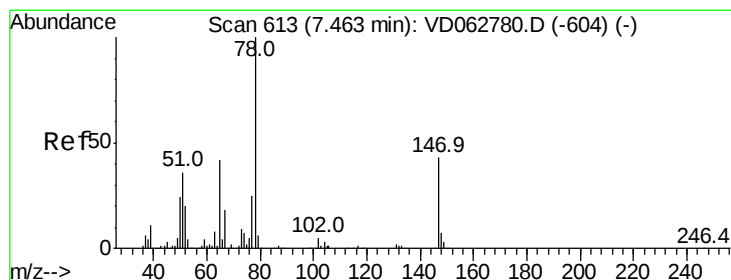
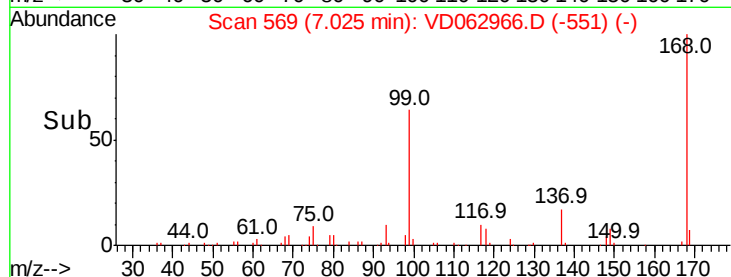
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.121 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062966.D

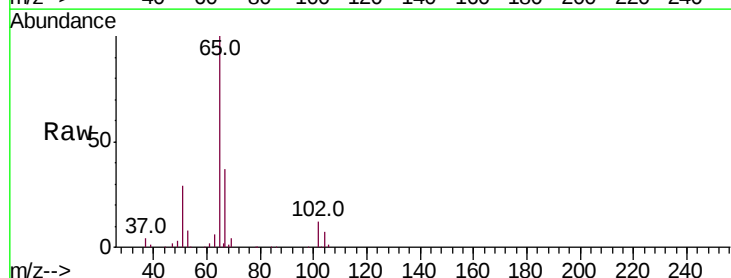
Acq: 28 Jun 2019 15:16

Tgt Ion: 65 Resp: 465034

Ion Ratio Lower Upper

65 100

67 37.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

200000

150000

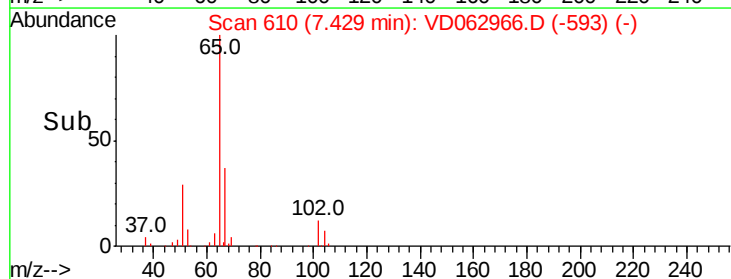
100000

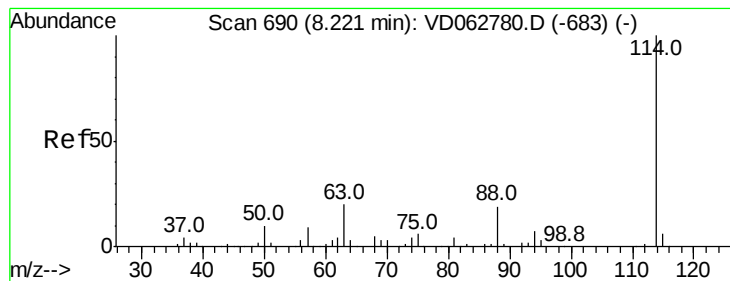
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062966.D

Acq: 28 Jun 2019 15:16

Instrument :

MSVOA_D

ClientSampleId :

SA-06-062619-B

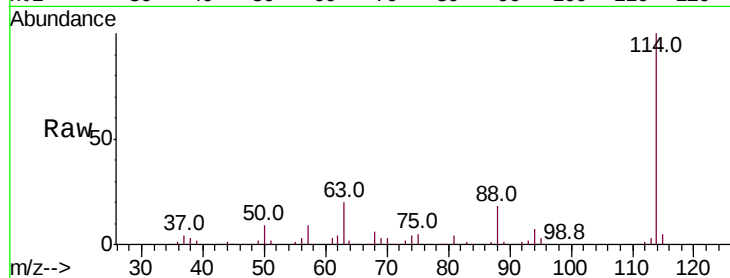
Tot Ion:114 Resp: 994369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

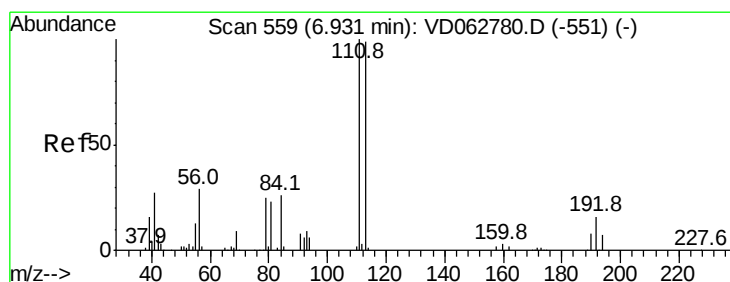
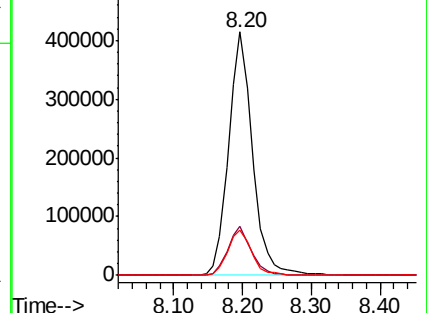
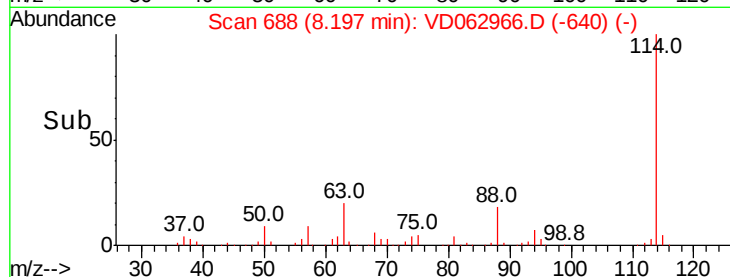
88 18.4 0.0 38.8



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: 57.533 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062966.D

Acq: 28 Jun 2019 15:16

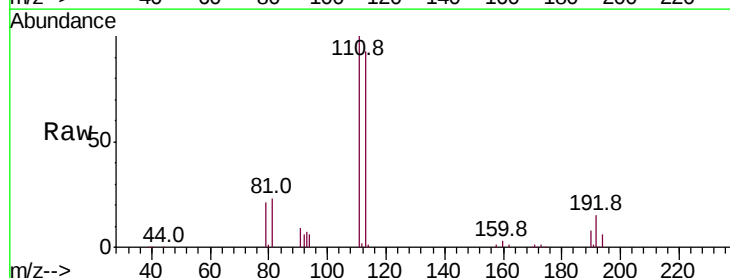
Tgt Ion:113 Resp: 482382

Ion Ratio Lower Upper

113 100

111 108.0 81.2 121.8

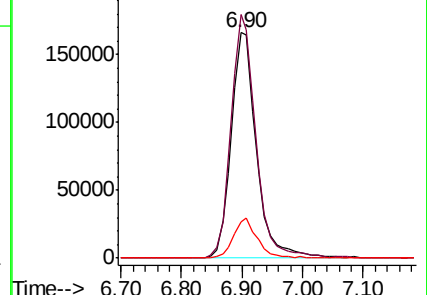
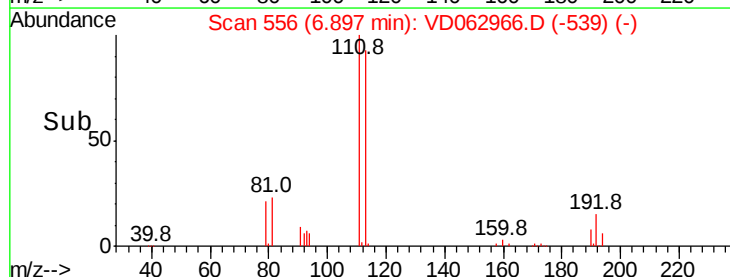
192 16.1 12.9 19.3

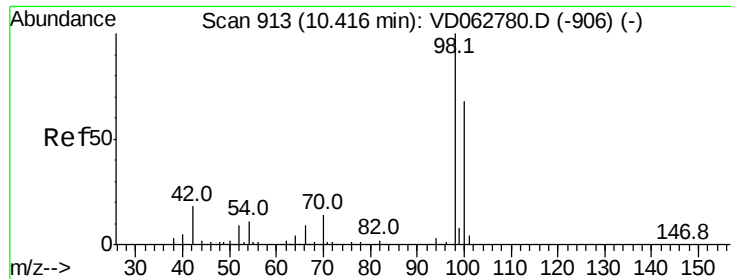


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

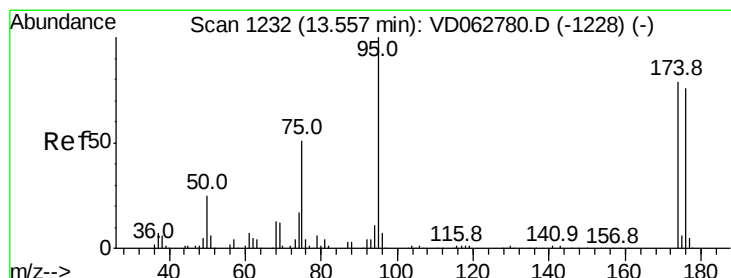
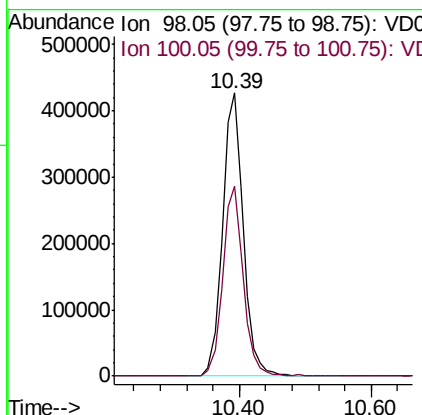
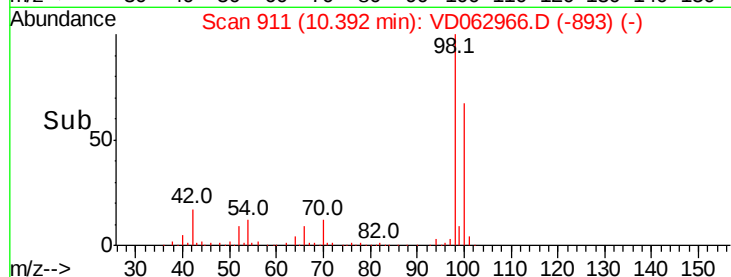
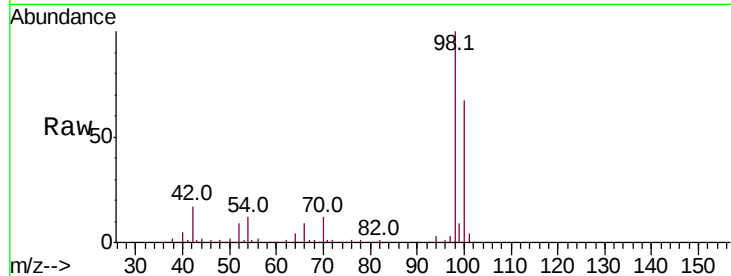




#50
Toluene-d8
Concen: 51.213 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062966.D
Acq: 28 Jun 2019 15:16

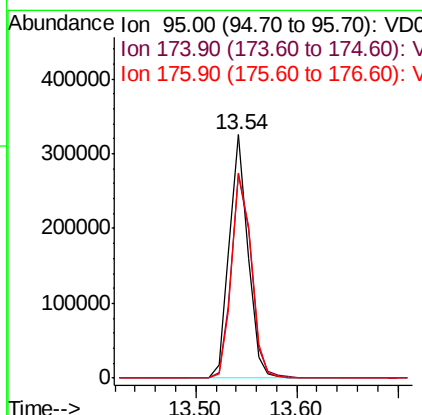
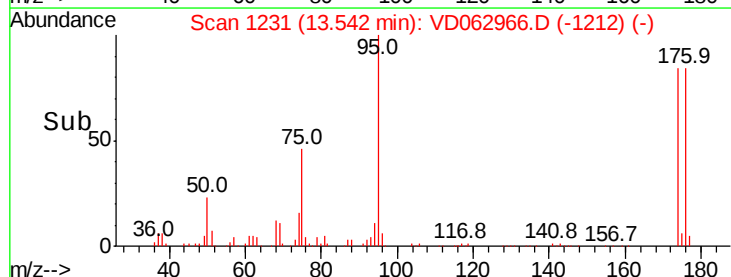
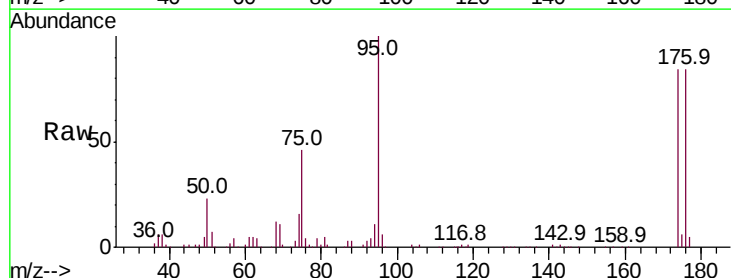
Instrument :
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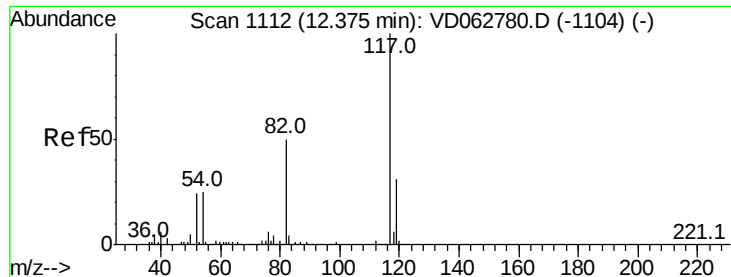
Tot Ion: 98 Resp: 934566
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 50.218 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062966.D
Acq: 28 Jun 2019 15:16

Tgt Ion: 95 Resp: 416691
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 84.5 0.0 151.6

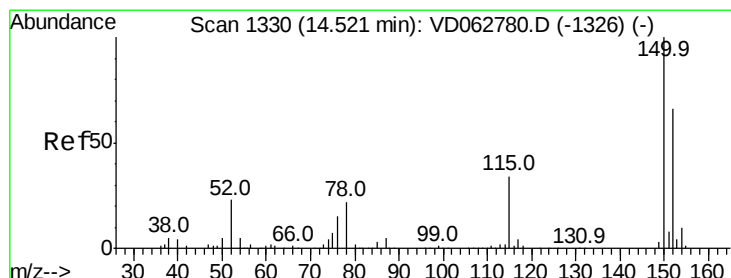
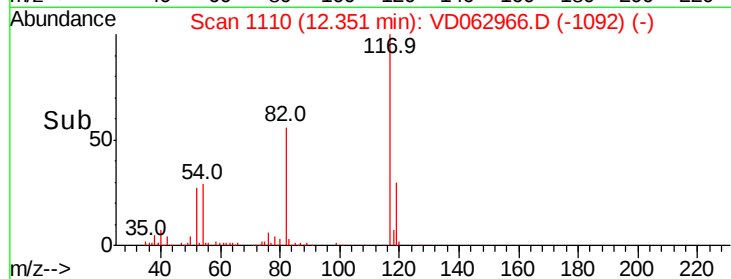
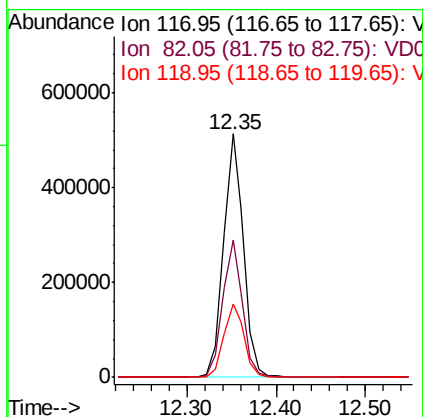
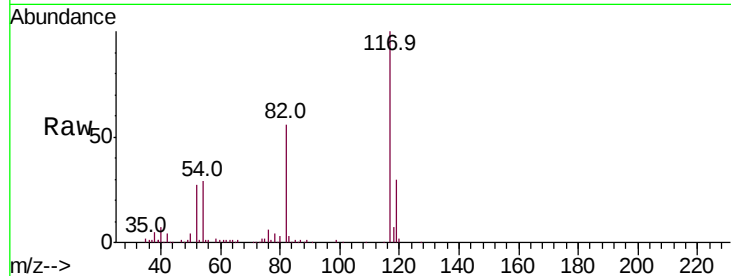




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062966.D
Acq: 28 Jun 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :
SA-06-062619-B

Tot Ion:117 Resp: 810721
Ion Ratio Lower Upper
117 100
82 56.5 40.4 60.6
119 30.4 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: VD062966.D
Acq: 28 Jun 2019 15:16

Tgt Ion:152 Resp: 376331
Ion Ratio Lower Upper
152 100
115 58.4 29.2 87.6
150 151.0 0.0 305.8

