

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062959.D
 Acq On : 28 Jun 2019 12:00
 Operator : VA/AP
 Sample : K3526-09
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-9.5-10.0

Quant Time: Jun 29 00:42:26 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	746534	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	1024882	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	780721	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	451192	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	366657	45.18	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	90.36%	
35) Dibromofluoromethane	6.90	113	415783	48.11	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.38	98	626987	33.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	66.68%	
62) 4-Bromofluorobenzene	13.54	95	394585	46.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.28%	

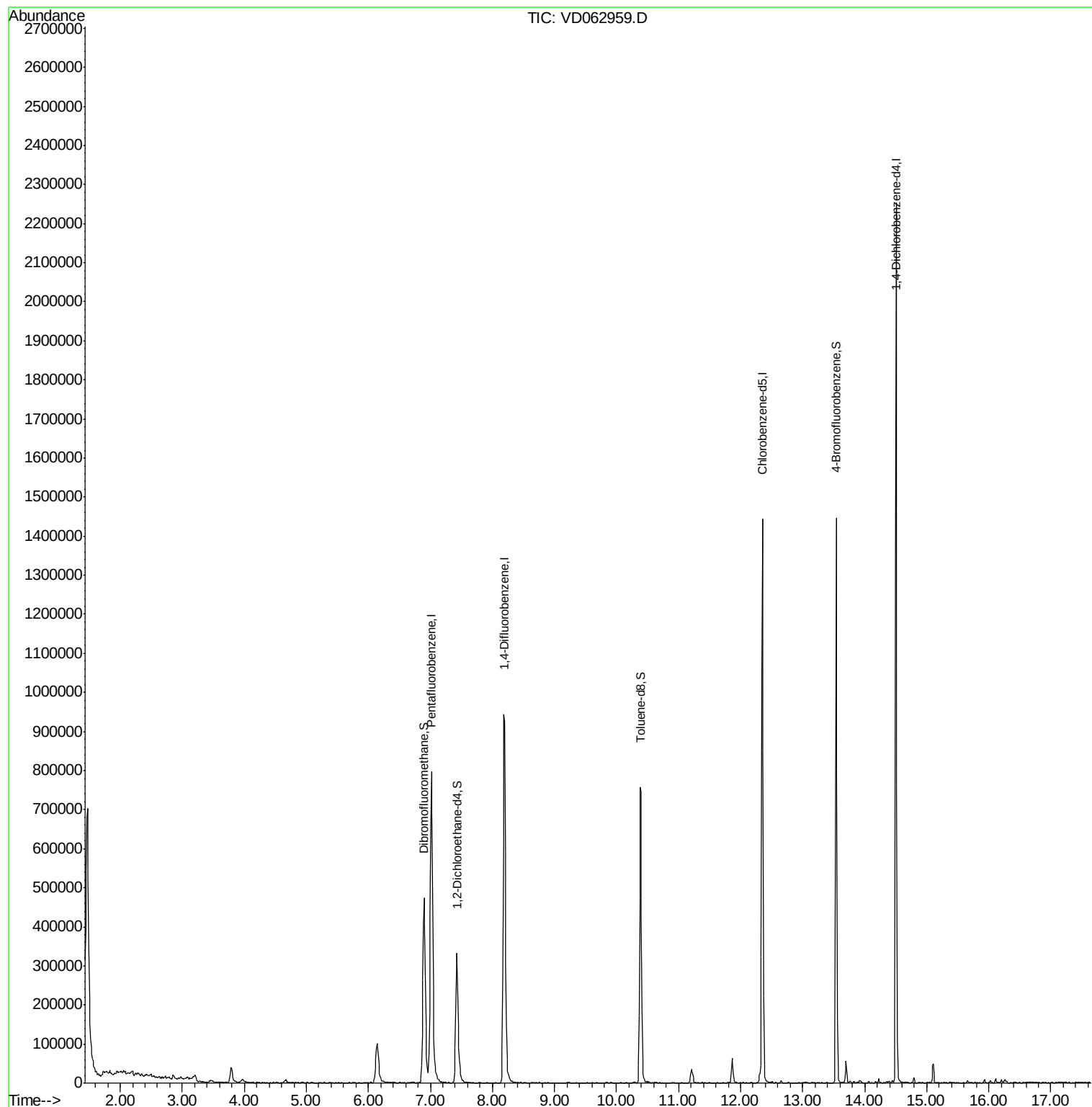
Target Compounds	Qvalue

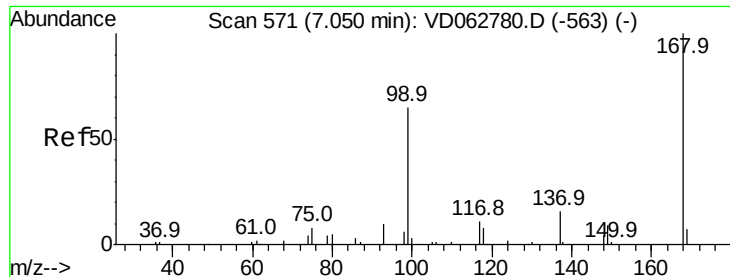
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062959.D

Acq: 28 Jun 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

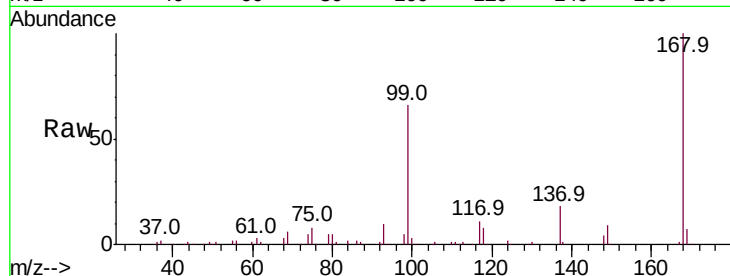
SB-05-9.5-10.0

Tot Ion:168 Resp: 746534

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

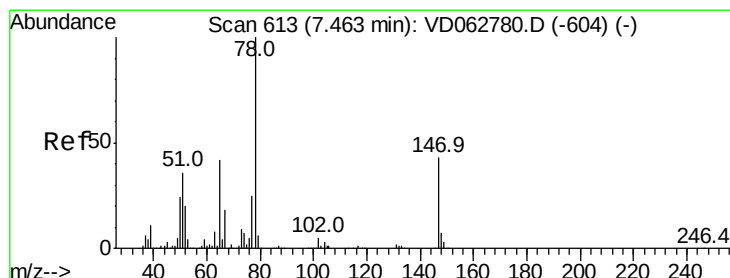
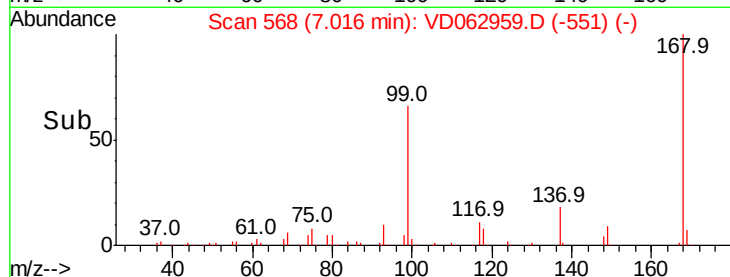
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 45.184 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062959.D

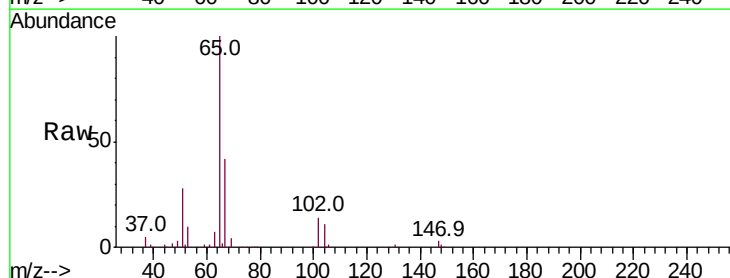
Acq: 28 Jun 2019 12:00

Tgt Ion: 65 Resp: 366657

Ion Ratio Lower Upper

65 100

67 42.1 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

150000

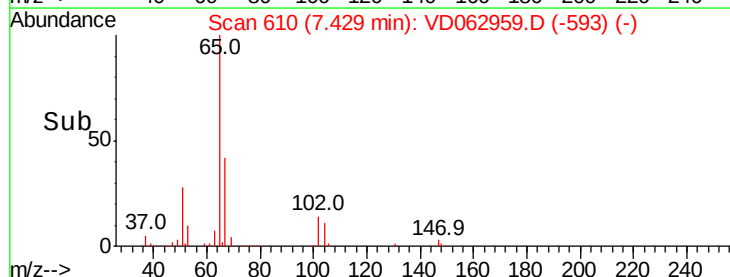
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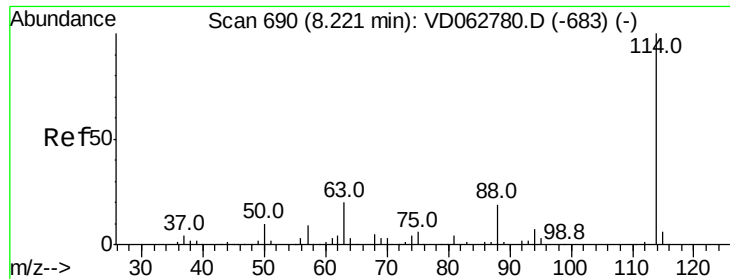
50000

0

Time-->

7.30 7.40 7.50 7.60

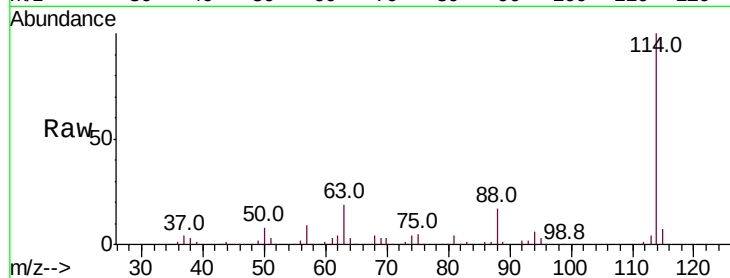




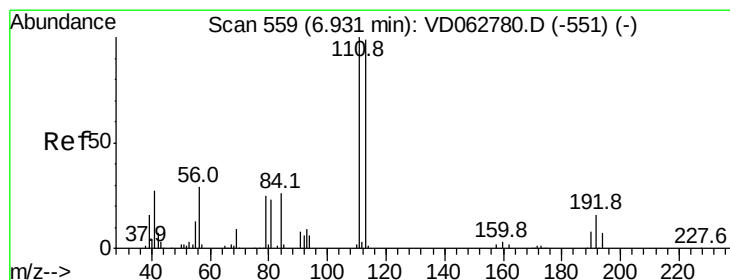
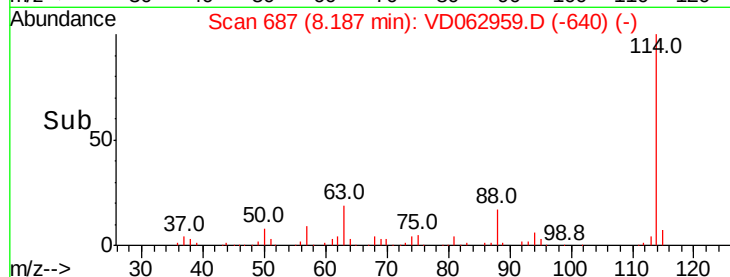
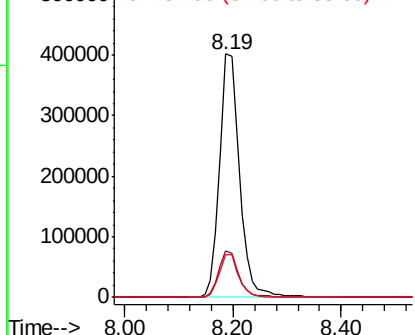
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-9.5-10.0

Tot Ion:114 Resp: 1024882
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 17.4 0.0 38.8

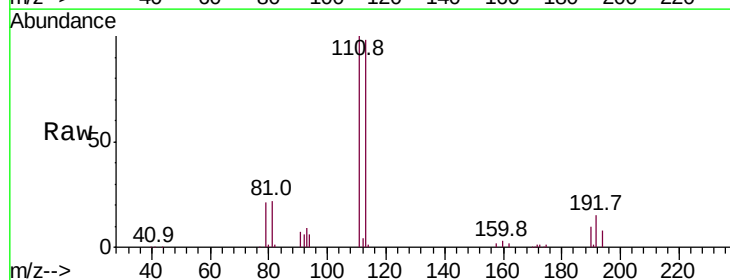


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

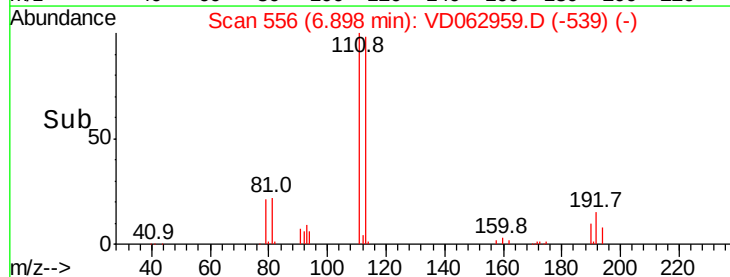
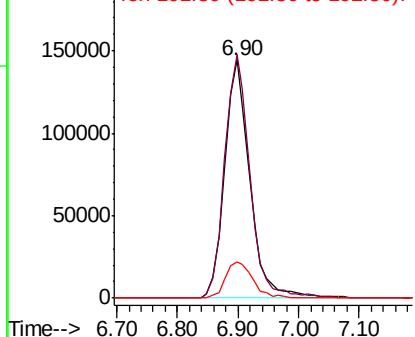


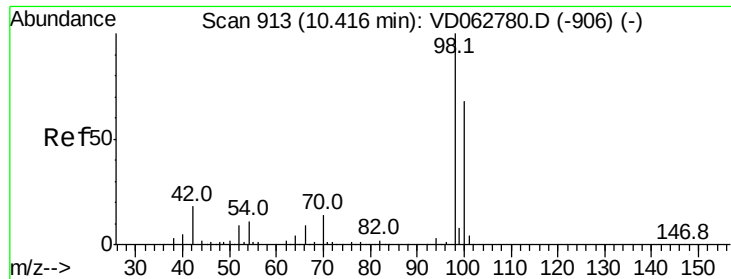
#35
 Dibromofluoromethane
 Concen: 48.113 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062959.D
 Acq: 28 Jun 2019 12:00

Tgt Ion:113 Resp: 415783
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.2 121.8
 192 15.3 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

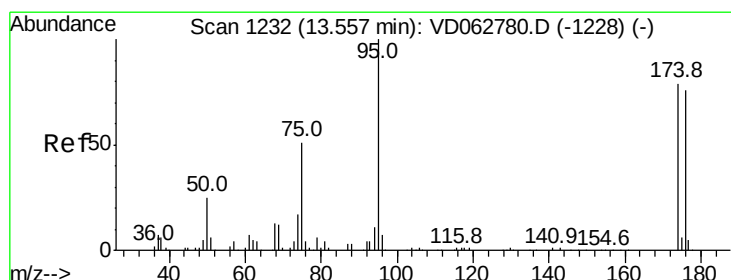
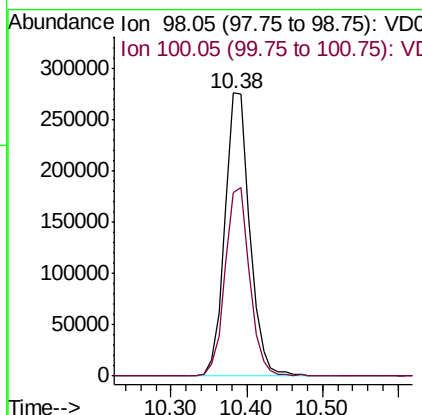
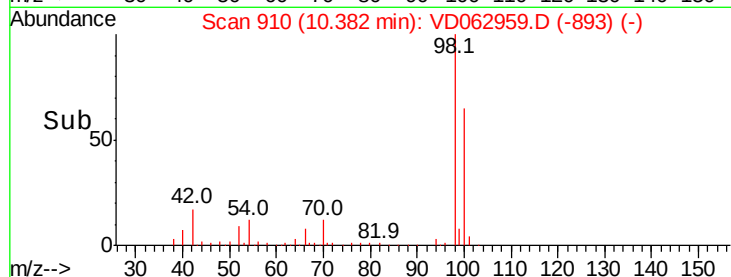
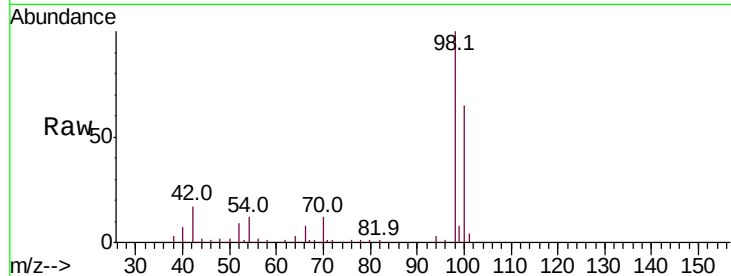




#50
Toluene-d8
Concen: 33.335 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

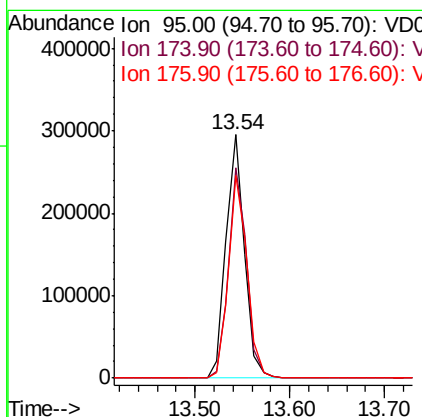
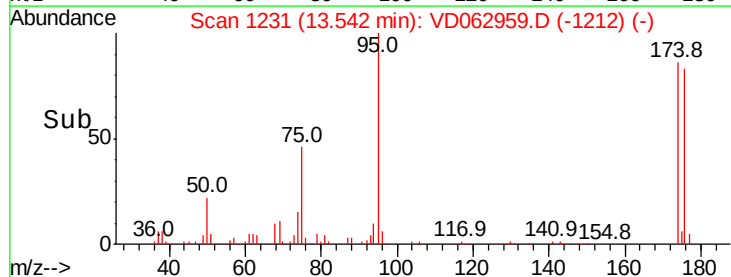
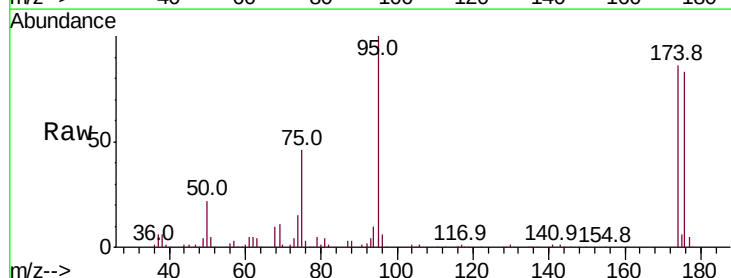
Instrument :
MSVOA_D
ClientSampleId :
SB-05-9.5-10.0

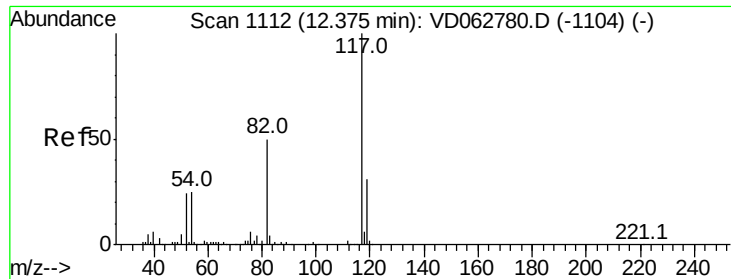
Tot Ion: 98 Resp: 626987
Ion Ratio Lower Upper
98 100
100 64.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion: 95 Resp: 394585
Ion Ratio Lower Upper
95 100
174 86.4 0.0 158.0
176 83.3 0.0 151.6

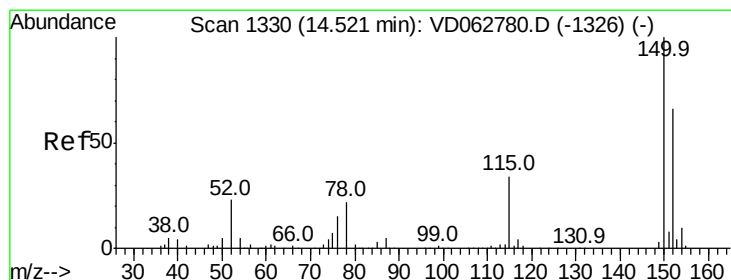
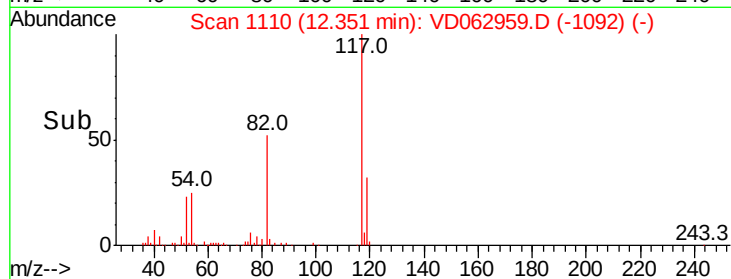
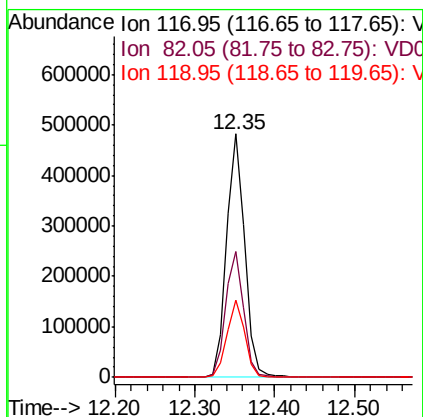
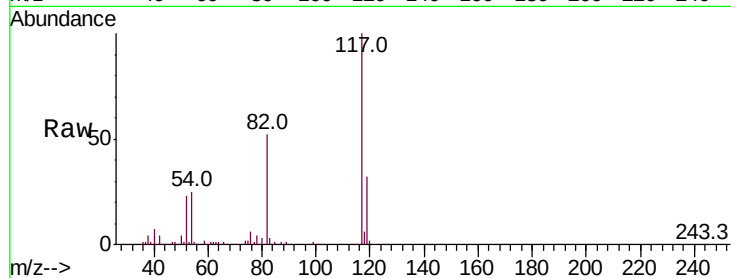




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062959.D
Acq: 28 Jun 2019 12:00

Instrument :
MSVOA_D
ClientSampleId :
SB-05-9.5-10.0

Tot Ion:117 Resp: 780721
Ion Ratio Lower Upper
117 100
82 51.6 40.4 60.6
119 31.8 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: VD062959.D
Acq: 28 Jun 2019 12:00

Tgt Ion:152 Resp: 451192
Ion Ratio Lower Upper
152 100
115 60.1 29.2 87.6
150 160.1 0.0 305.8

