

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062942.D
 Acq On : 27 Jun 2019 20:06
 Operator : VA/AP
 Sample : K3552-08
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-4A

Quant Time: Jun 28 05:04:07 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	689340	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	996947	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	751090	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	401856	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	379452	50.64	ug/l	-0.03
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	6.90	113	387718	46.12	ug/l	-0.03
Spiked Amount			Recovery	=	92.24%	
50) Toluene-d8	10.38	98	721576	39.44	ug/l	-0.03
Spiked Amount			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	13.54	95	346243	41.62	ug/l	-0.01
Spiked Amount			Recovery	=	83.24%	

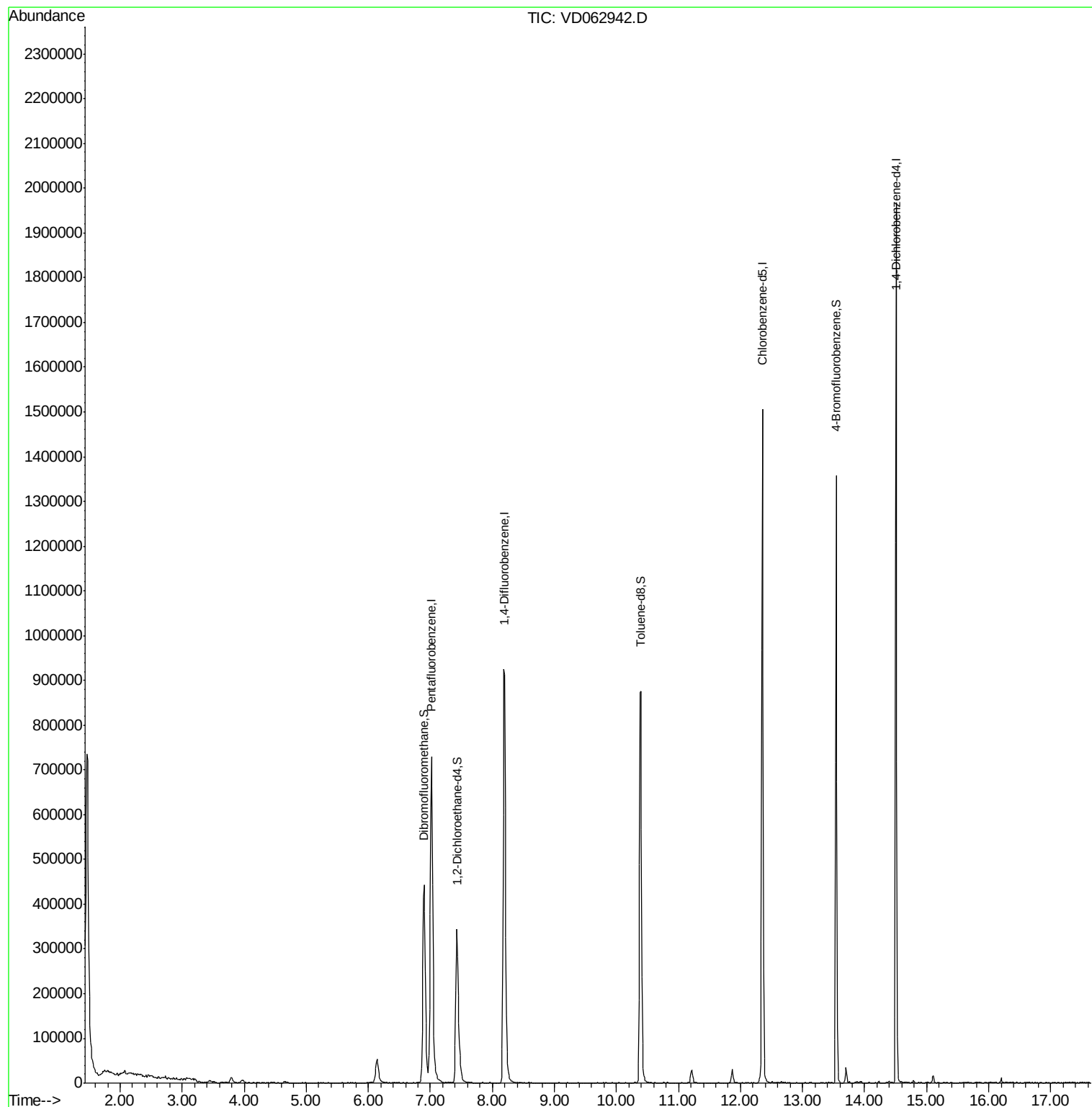
Target Compounds	Qvalue
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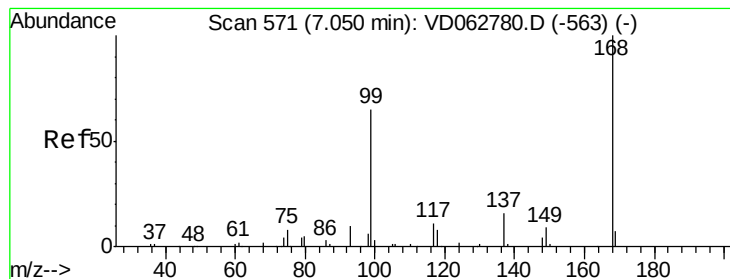
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062942.D

Acq: 27 Jun 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

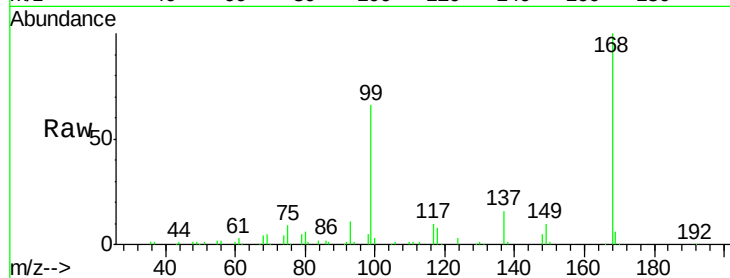
M-4A

Tot Ion:168 Resp: 689340

Ion Ratio Lower Upper

168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

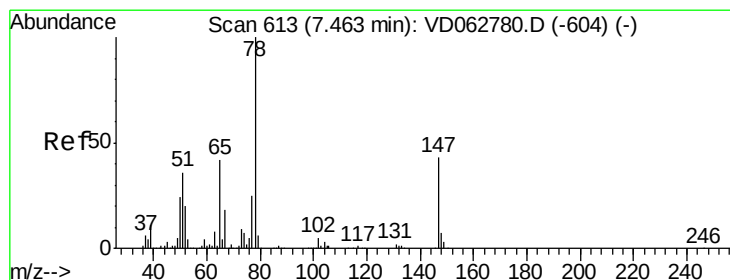
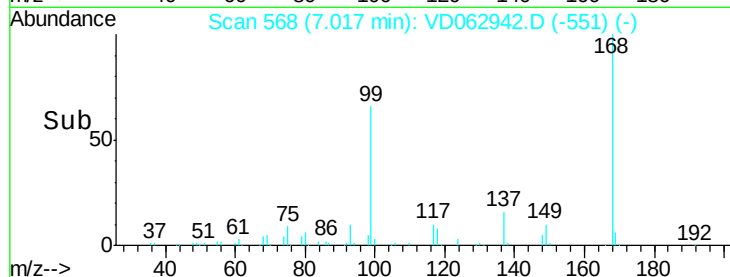
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.641 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062942.D

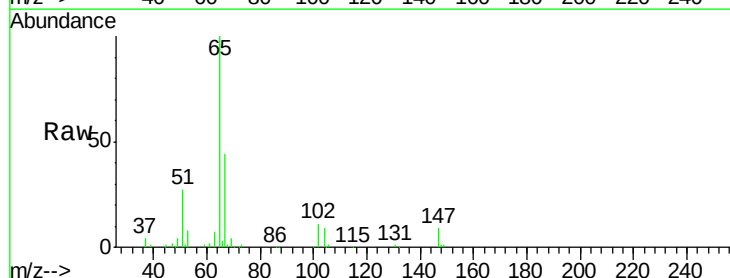
Acq: 27 Jun 2019 20:06

Tgt Ion: 65 Resp: 379452

Ion Ratio Lower Upper

65 100

67 44.0 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

150000

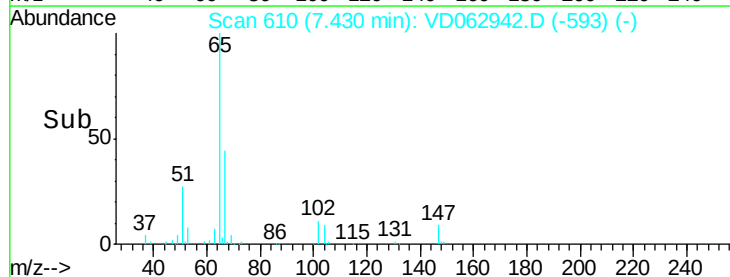
100000

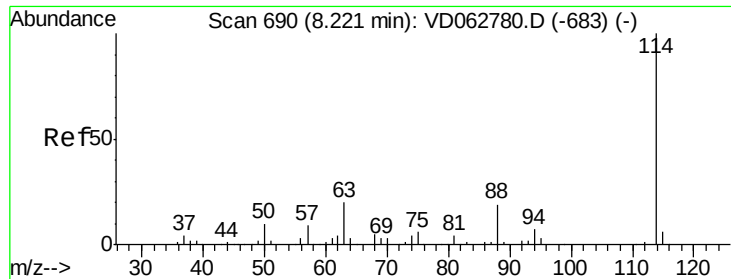
50000

0

7.30 7.40 7.50 7.60

Time-->

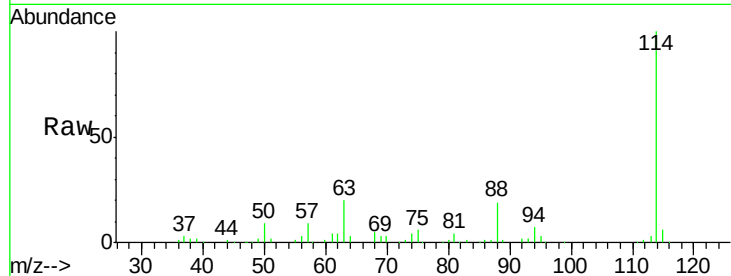




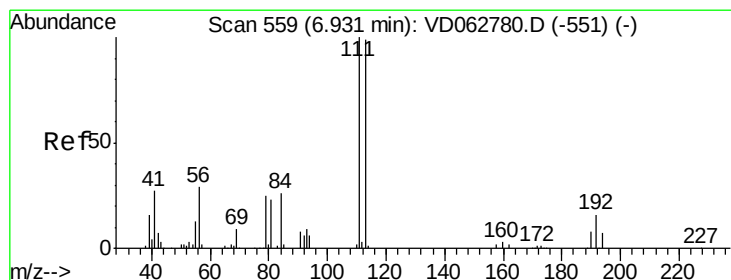
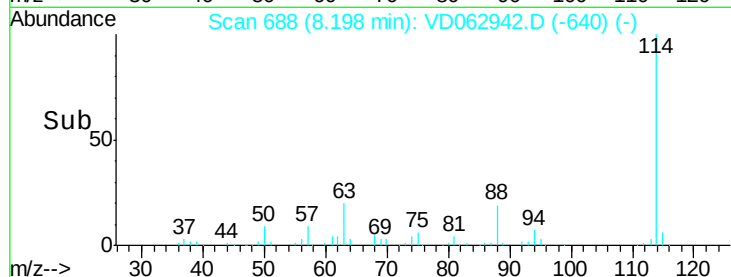
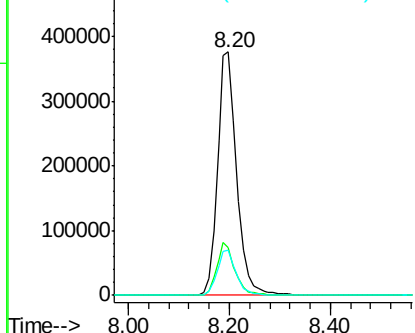
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.02 min
Lab File: VD062942.D
Acq: 27 Jun 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
M-4A

Tot Ion:114 Resp: 996947
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 18.6 0.0 38.8

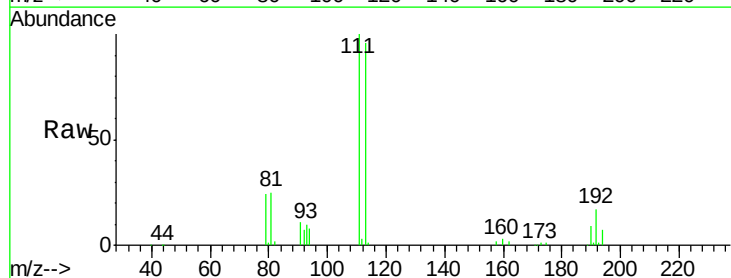


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

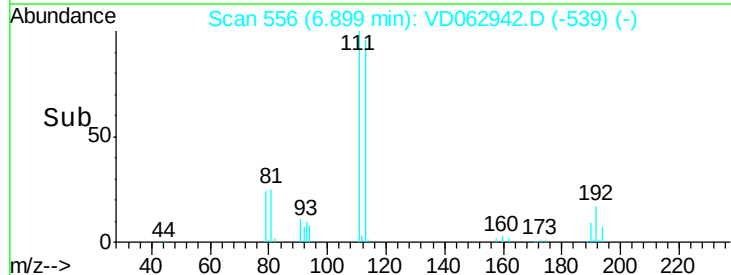
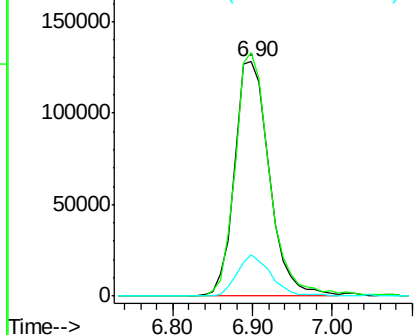


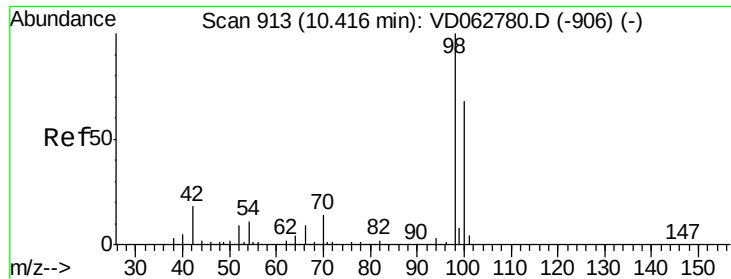
#35
Dibromofluoromethane
Concen: 46.123 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062942.D
Acq: 27 Jun 2019 20:06

Tgt Ion:113 Resp: 387718
Ion Ratio Lower Upper
113 100
111 103.9 81.2 121.8
192 17.4 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

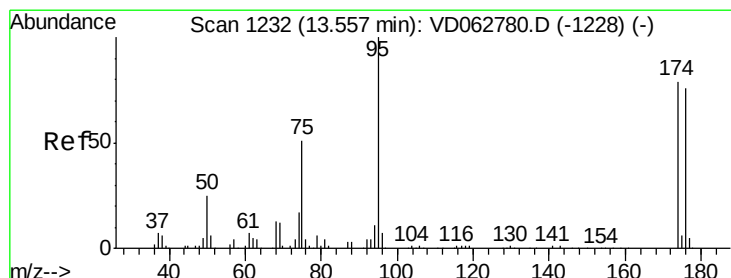
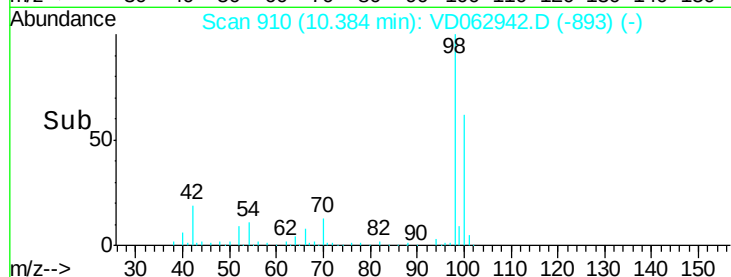
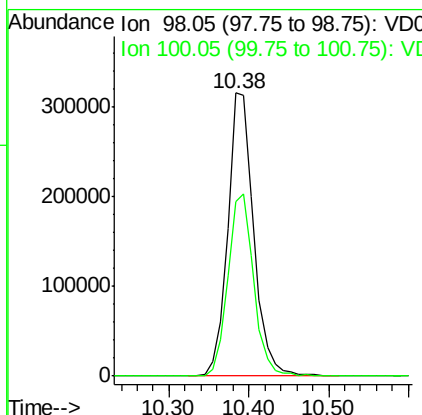
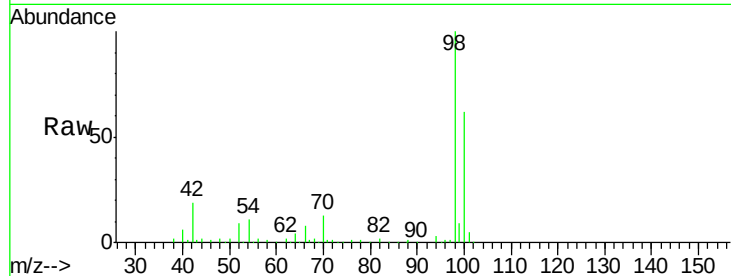




#50
Toluene-d8
Concen: 39.439 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062942.D
Acq: 27 Jun 2019 20:06

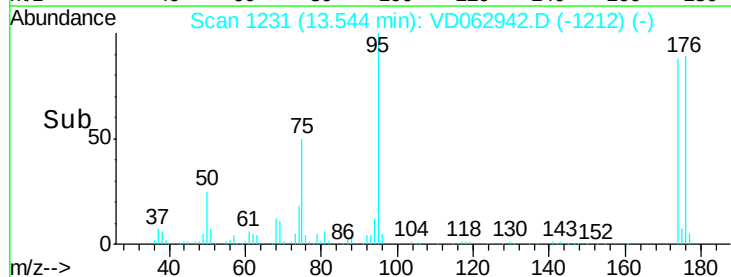
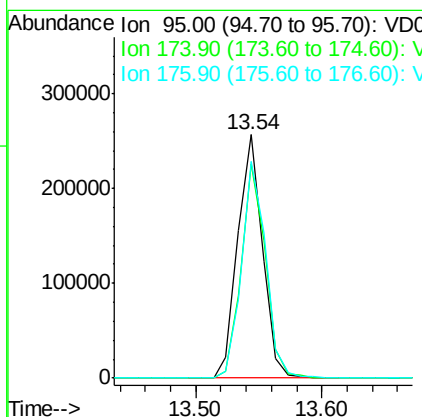
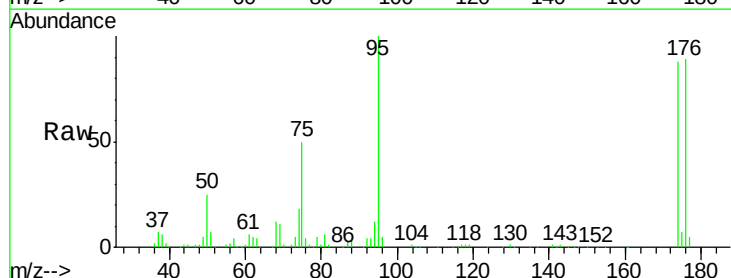
Instrument :
MSVOA_D
ClientSampleId :
M-4A

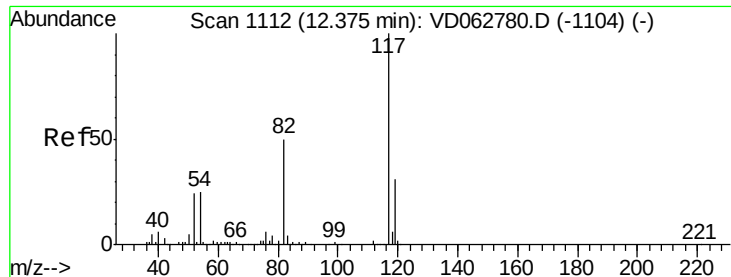
Tot Ion: 98 Resp: 721576
Ion Ratio Lower Upper
98 100
100 61.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 41.620 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062942.D
Acq: 27 Jun 2019 20:06

Tgt Ion: 95 Resp: 346243
Ion Ratio Lower Upper
95 100
174 87.9 0.0 158.0
176 89.1 0.0 151.6

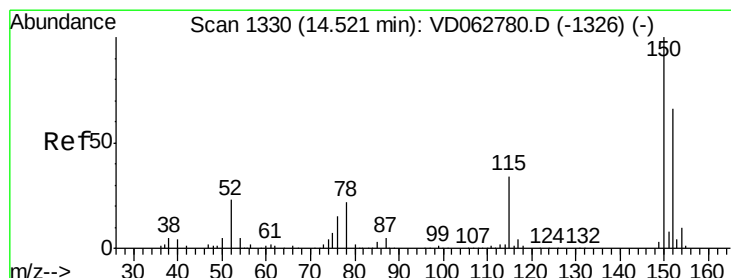
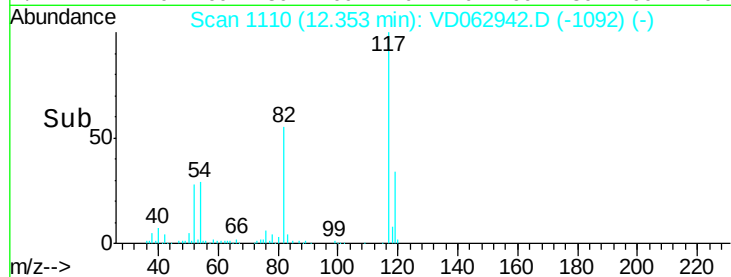
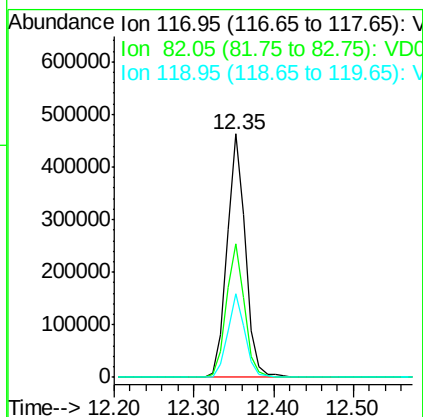
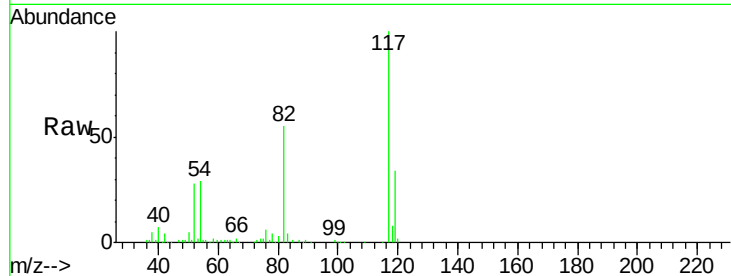




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062942.D
Acq: 27 Jun 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
M-4A

Tot Ion:117 Resp: 751090
Ion Ratio Lower Upper
117 100
82 54.8 40.4 60.6
119 34.3 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: VD062942.D
Acq: 27 Jun 2019 20:06

Tgt Ion:152 Resp: 401856
Ion Ratio Lower Upper
152 100
115 58.9 29.2 87.6
150 155.2 0.0 305.8

