

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062940.D
 Acq On : 27 Jun 2019 19:11
 Operator : VA/AP
 Sample : K3552-04
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-2A

Quant Time: Jun 28 05:00:43 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	56467	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	122152	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	141899	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	87151	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	111276	181.29	ug/l	-0.03
Spiked Amount			Recovery	=	362.58%	
35) Dibromofluoromethane	6.90	113	74214	72.05	ug/l	-0.03
Spiked Amount			Recovery	=	144.10%	
50) Toluene-d8	10.39	98	101578	45.31	ug/l	-0.03
Spiked Amount			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	13.55	95	76480	75.03	ug/l	0.00
Spiked Amount			Recovery	=	150.06%	

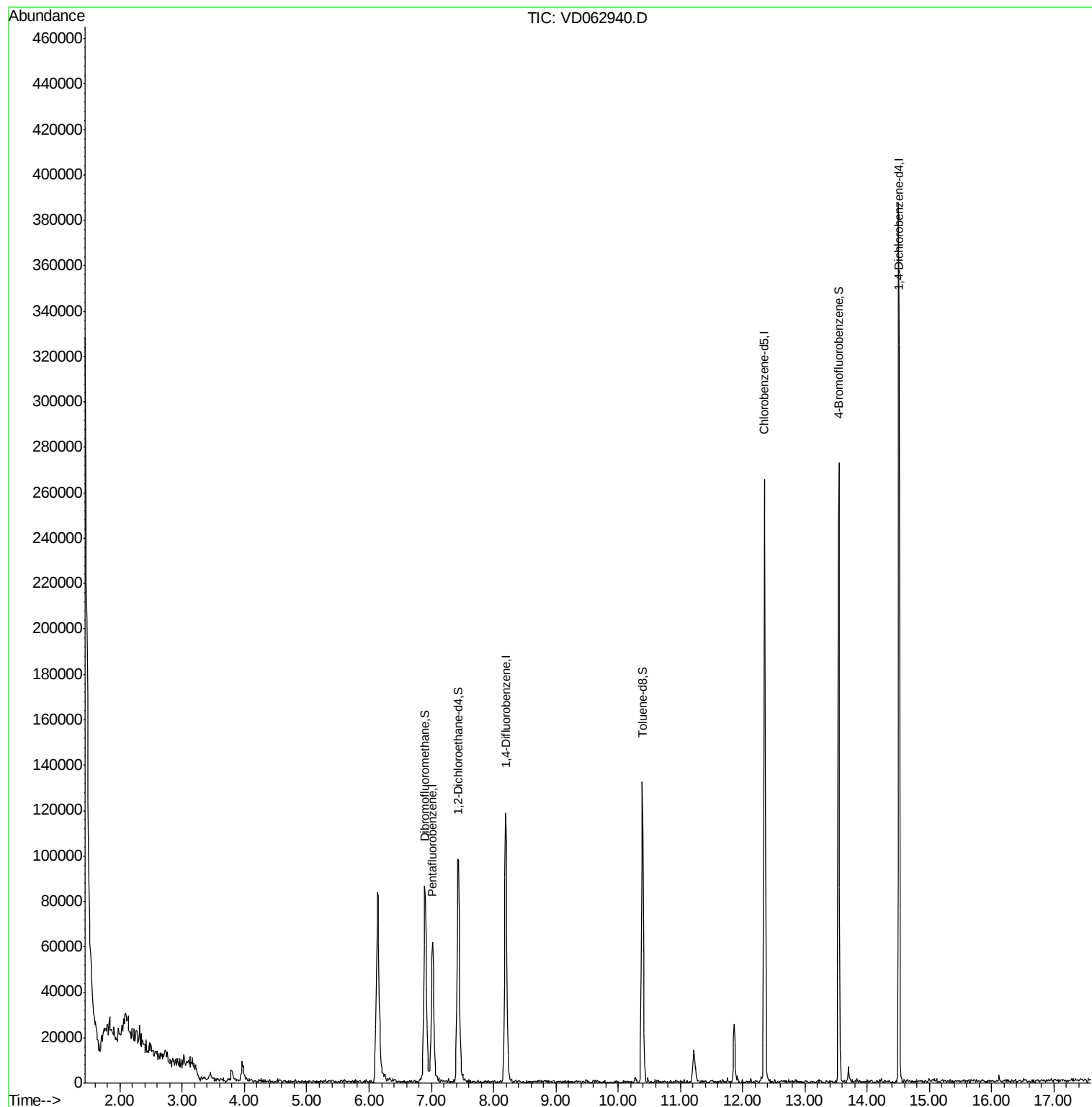
Target Compounds	Qvalue
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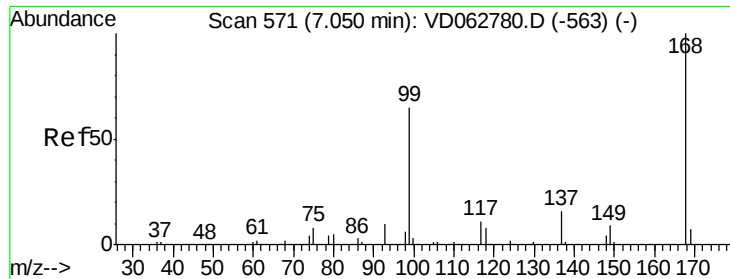
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062719\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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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: VD062940.D

Acq: 27 Jun 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

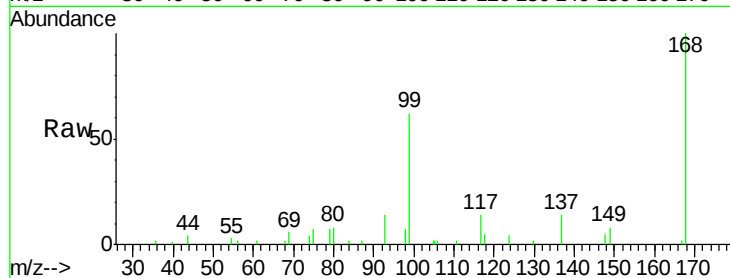
M-2A

Tot Ion:168 Resp: 56467

Ion Ratio Lower Upper

168 100

99 61.9 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

25000

20000

15000

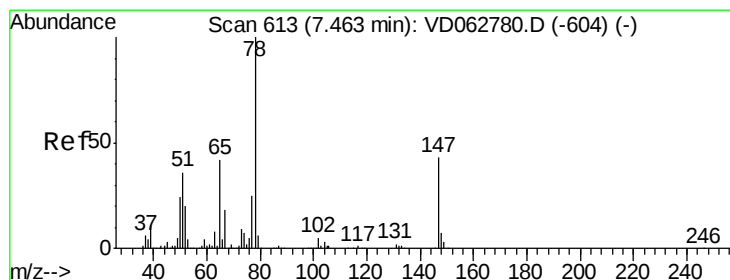
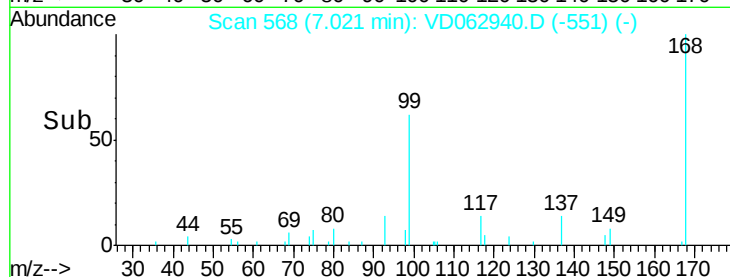
10000

5000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 181.294 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062940.D

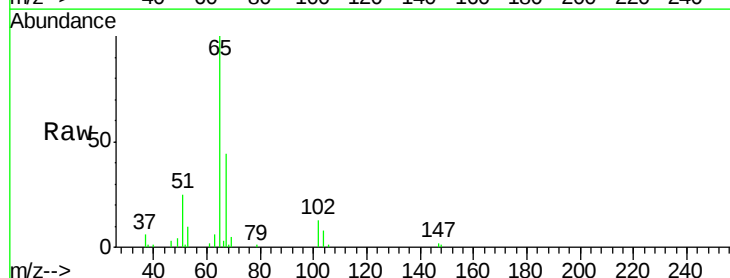
Acq: 27 Jun 2019 19:11

Tgt Ion: 65 Resp: 111276

Ion Ratio Lower Upper

65 100

67 44.3 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

40000

30000

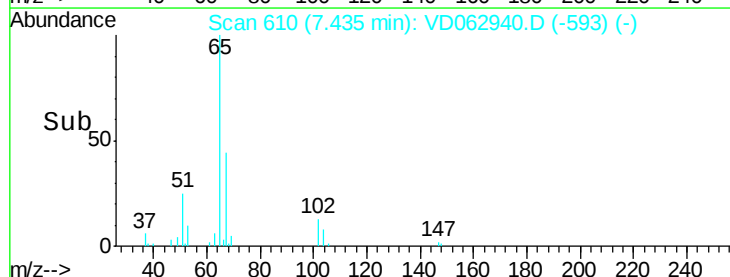
20000

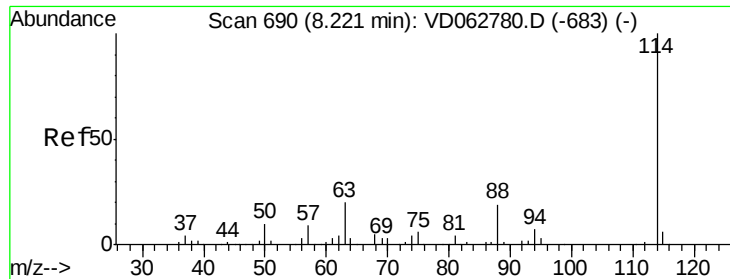
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0

7.30 7.40 7.50 7.60

Time-->

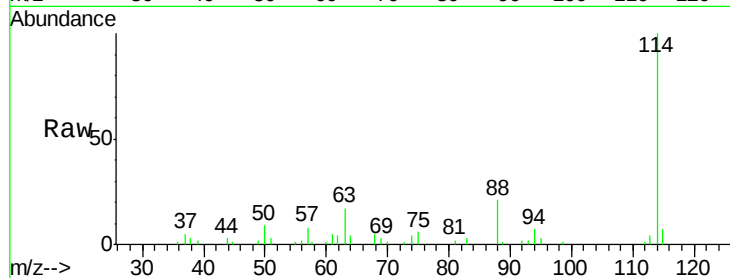




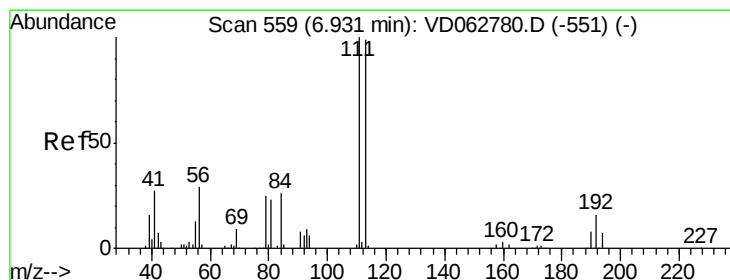
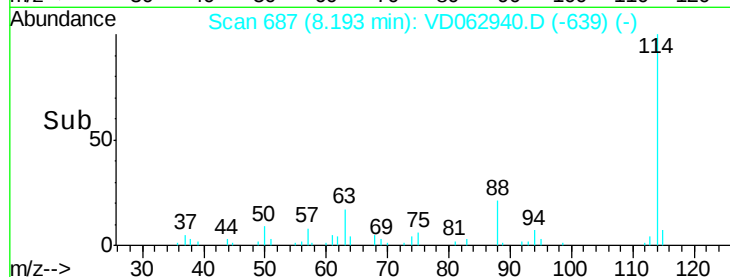
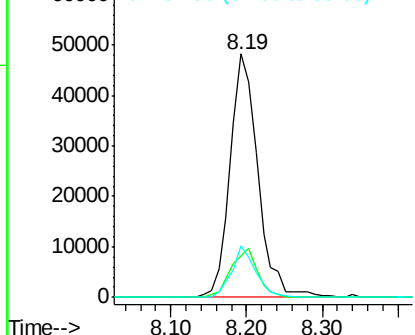
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062940.D
 Acq: 27 Jun 2019 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 M-2A

Tot Ion:114 Resp: 122152
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 40.0
 88 21.4 0.0 38.8

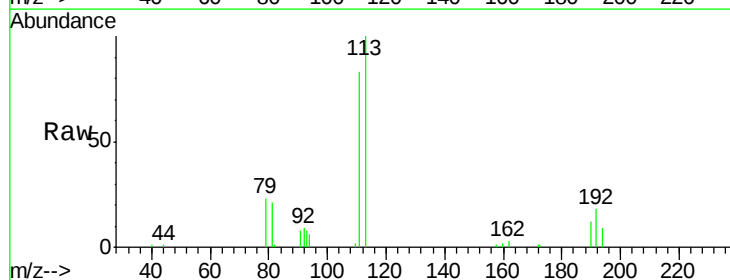


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

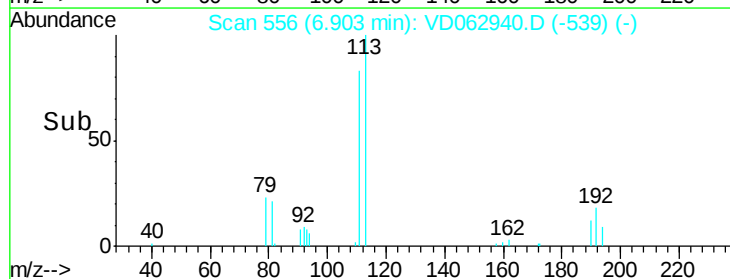
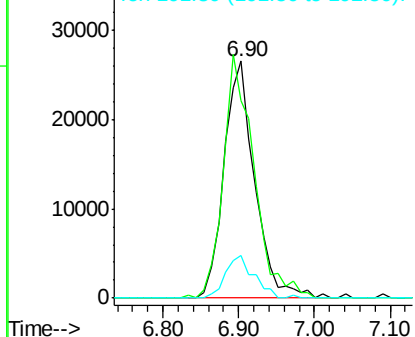


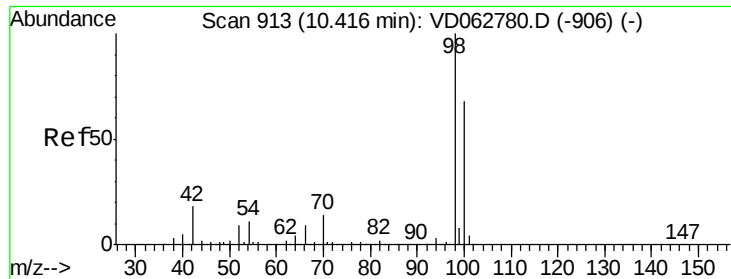
#35
 Dibromofluoromethane
 Concen: 72.054 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062940.D
 Acq: 27 Jun 2019 19:11

Tgt Ion:113 Resp: 74214
 Ion Ratio Lower Upper
 113 100
 111 83.1 81.2 121.8
 192 17.8 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: 45.313 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062940.D

Acq: 27 Jun 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

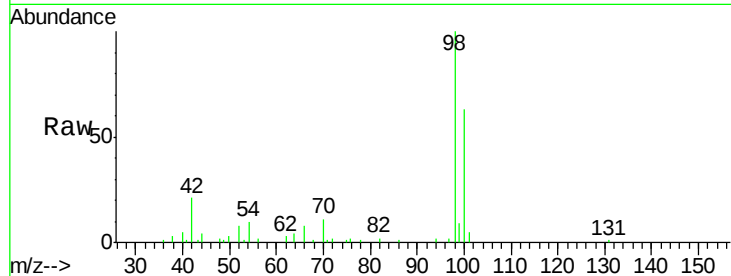
M-2A

Tot Ion: 98 Resp: 101578

Ion Ratio Lower Upper

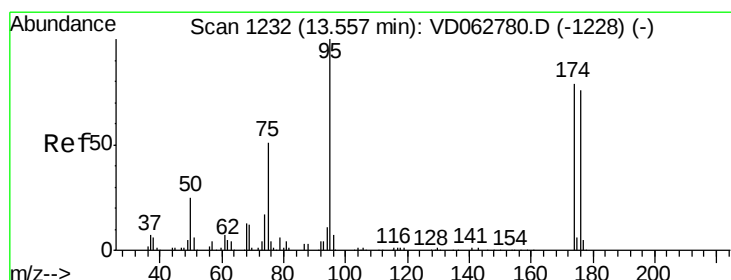
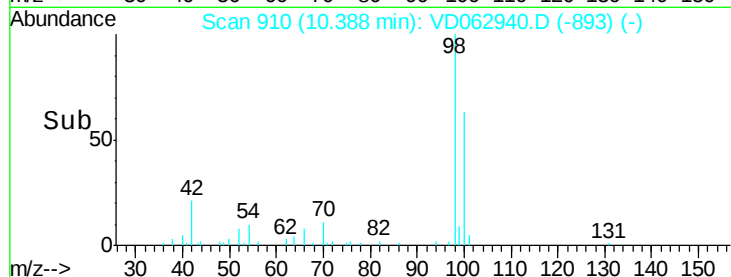
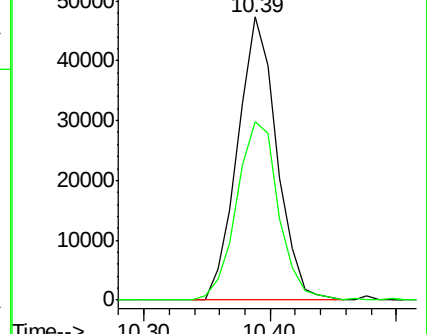
98 100

100 63.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 75.030 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062940.D

Acq: 27 Jun 2019 19:11

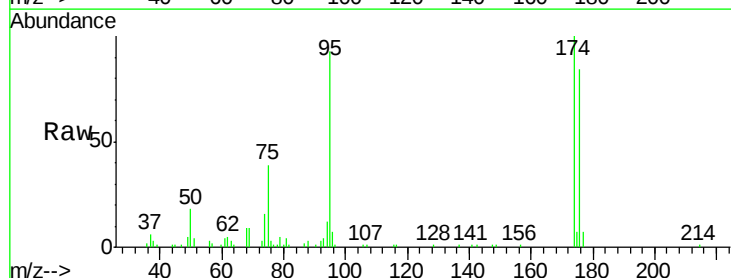
Tgt Ion: 95 Resp: 76480

Ion Ratio Lower Upper

95 100

174 107.3 0.0 158.0

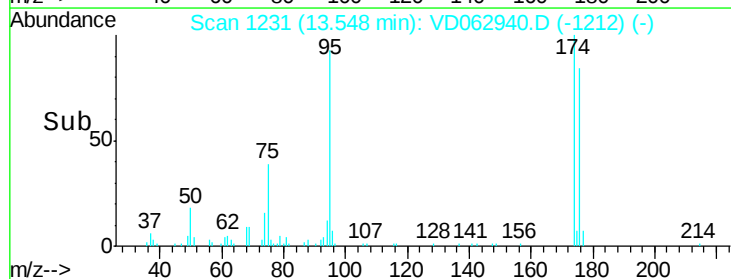
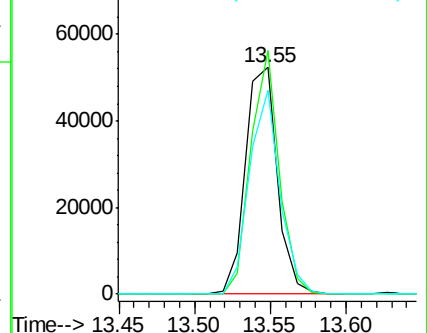
176 89.8 0.0 151.6

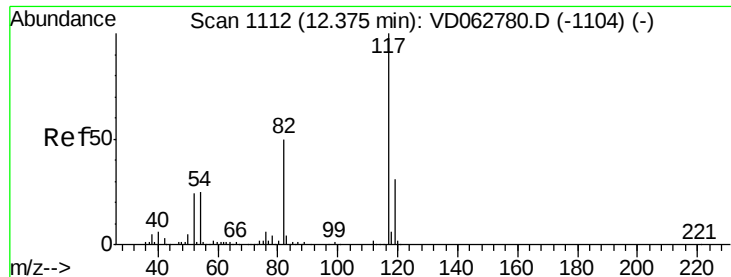


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

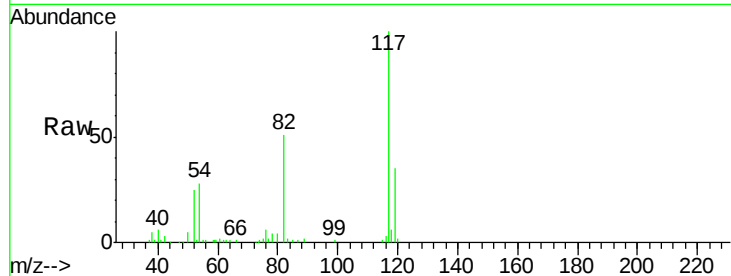




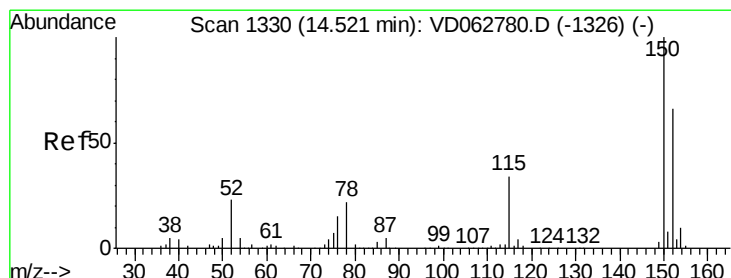
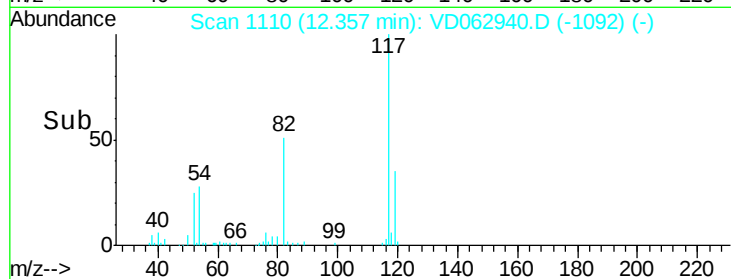
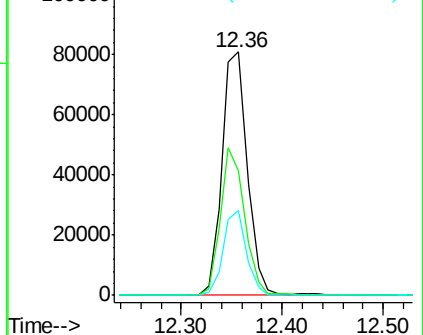
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062940.D
Acq: 27 Jun 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
M-2A

Tot Ion:117 Resp: 141899
Ion Ratio Lower Upper
117 100
82 51.1 40.4 60.6
119 35.0 25.2 37.8

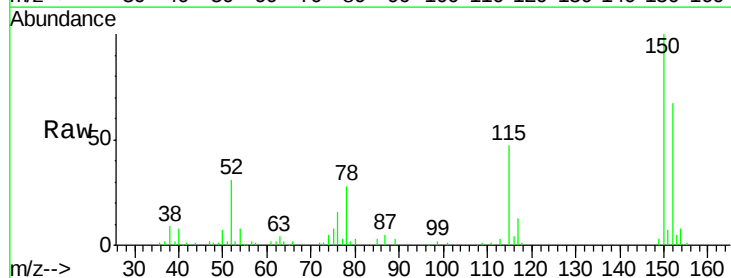


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062940.D
Acq: 27 Jun 2019 19:11

Tgt Ion:152 Resp: 87151
Ion Ratio Lower Upper
152 100
115 70.1 29.2 87.6
150 148.7 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

