

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062730.D
 Acq On : 17 Jun 2019 16:50
 Operator : VA/AP
 Sample : K3409-02
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Quant Time: Jun 18 06:52:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

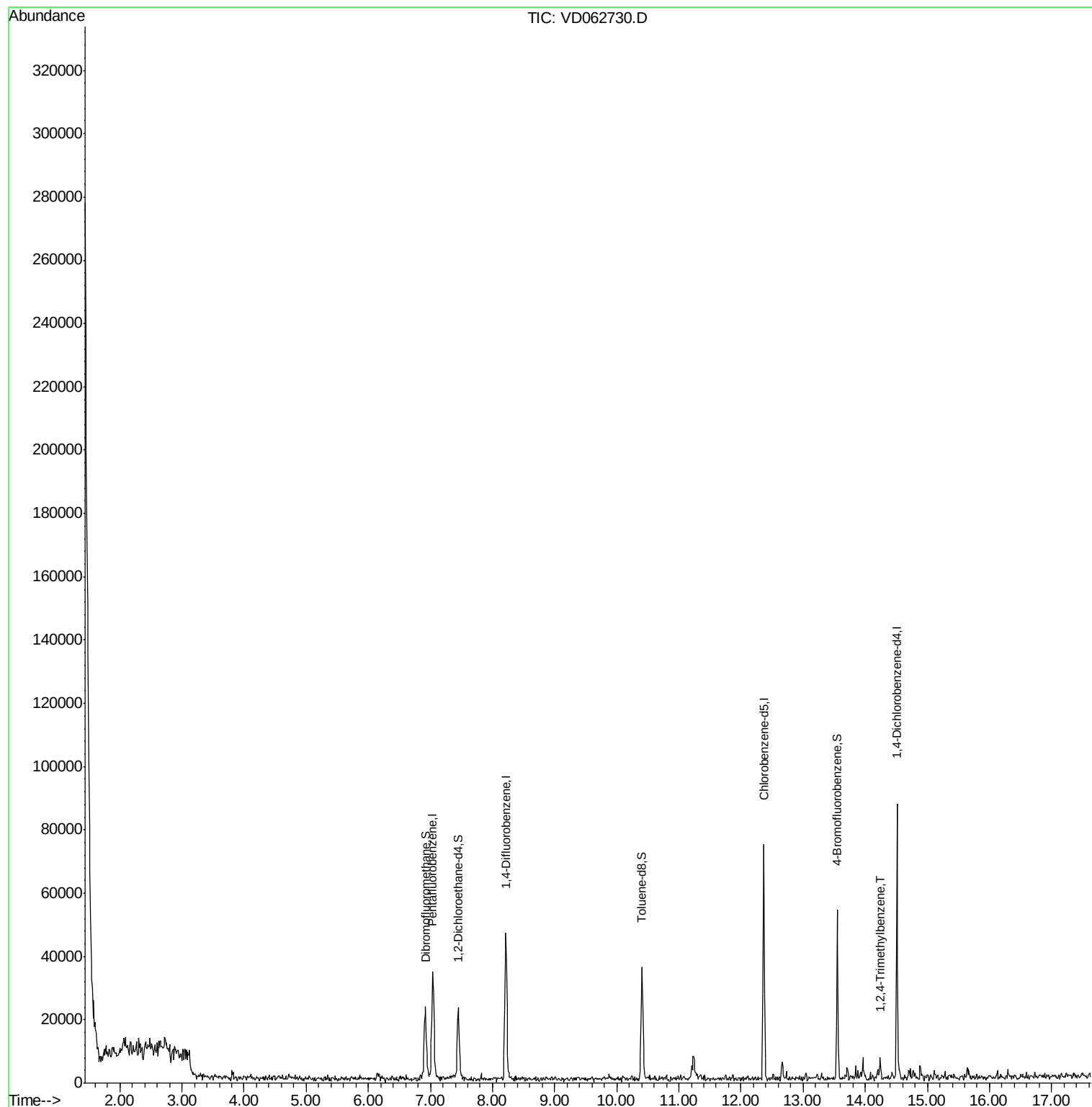
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	34894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	48260	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	41167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	15099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	25673	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	6.92	113	18724	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
50) Toluene-d8	10.40	98	30057	28.07	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	56.14%	
62) 4-Bromofluorobenzene	13.55	95	15143	30.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.64%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	14.24	105	3980	4.274	ug/l	Qvalue 90

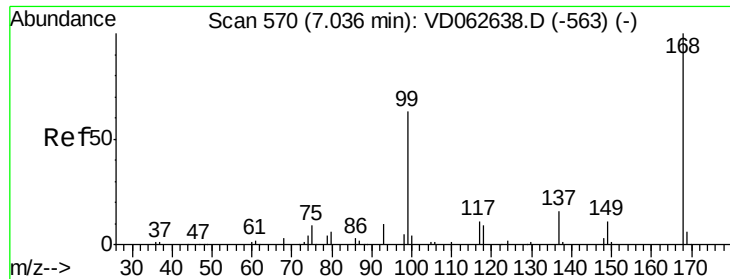
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

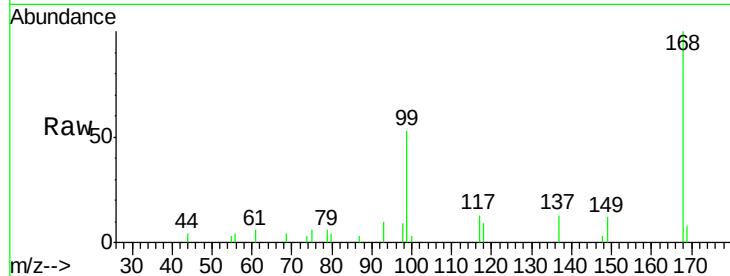
T-1A

Tot Ion:168 Resp: 34894

Ion Ratio Lower Upper

168 100

99 53.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

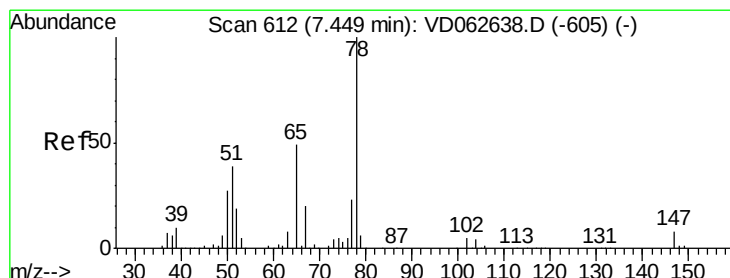
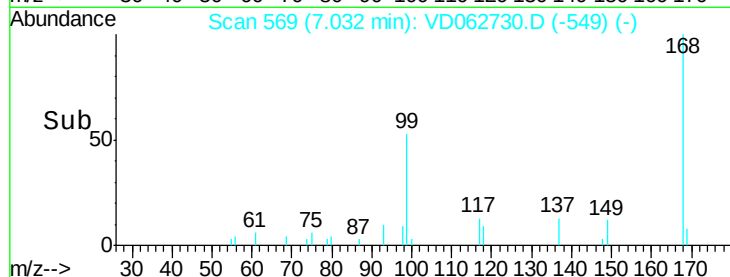
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD062730.D

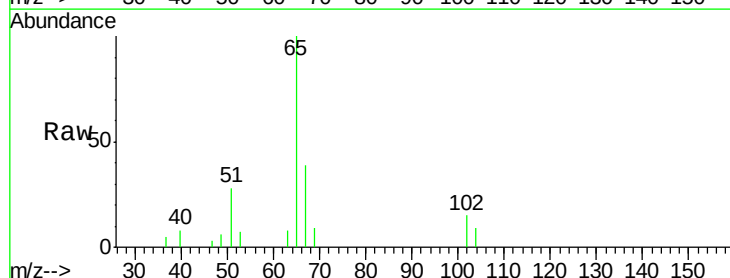
Acq: 17 Jun 2019 16:50

Tgt Ion: 65 Resp: 25673

Ion Ratio Lower Upper

65 100

67 38.6 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

12000

10000

8000

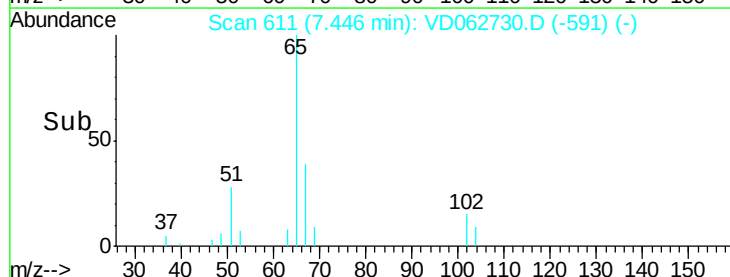
6000

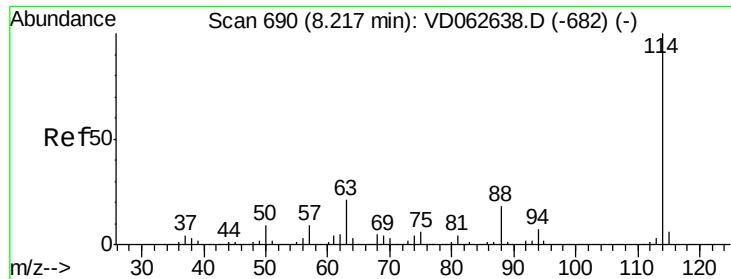
4000

2000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD062730.D

Acq: 17 Jun 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

T-1A

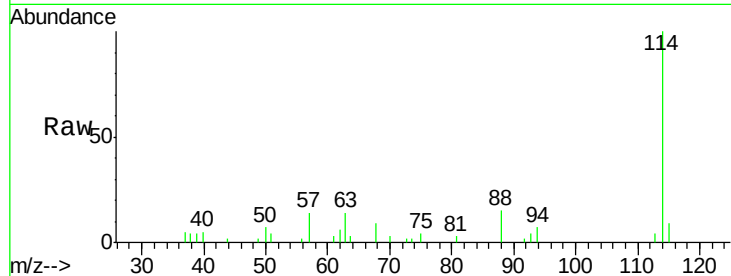
Tot Ion:114 Resp: 48260

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

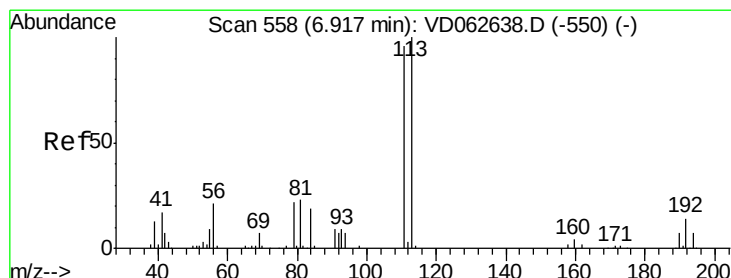
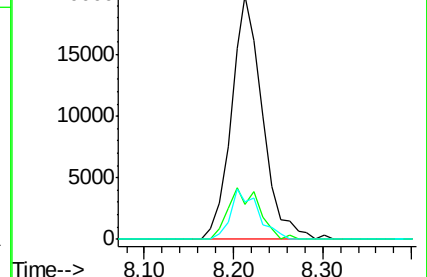
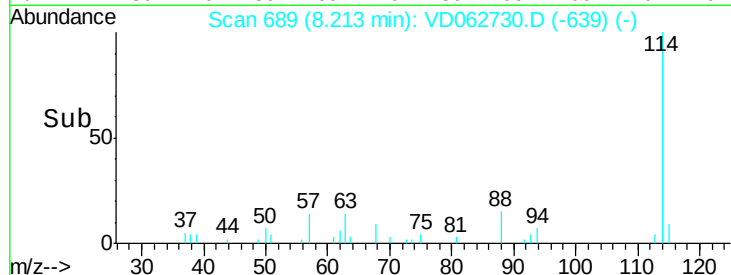
88 15.2 0.0 36.8



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: 36.788 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD062730.D

Acq: 17 Jun 2019 16:50

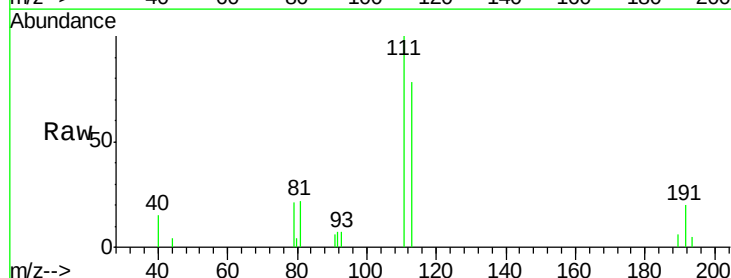
Tgt Ion:113 Resp: 18724

Ion Ratio Lower Upper

113 100

111 128.4 76.4 114.6#

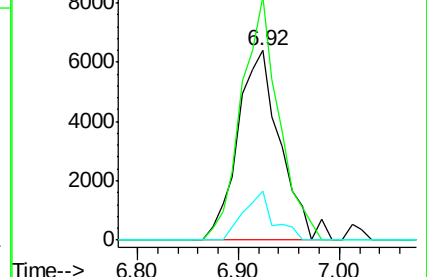
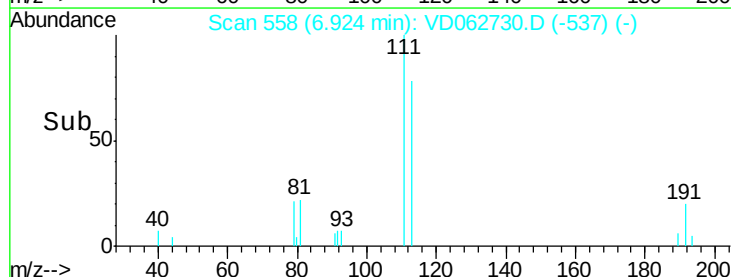
192 26.2 11.4 17.0#

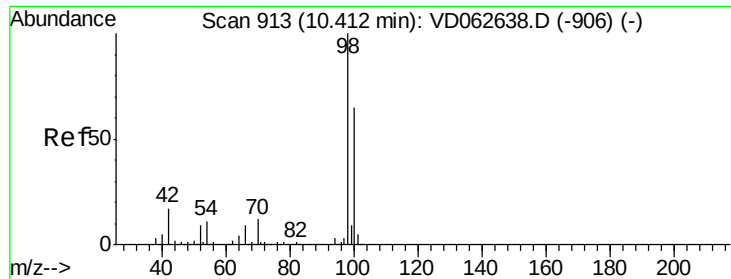


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 28.073 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062730.D

Acq: 17 Jun 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

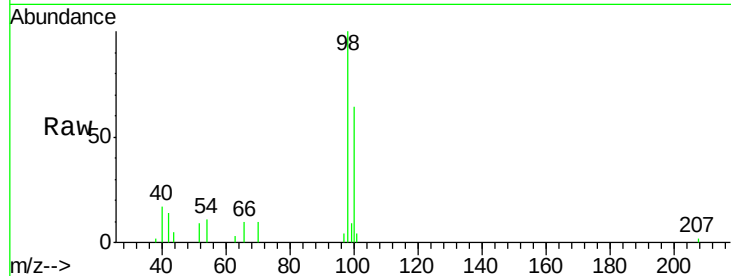
T-1A

Tot Ion: 98 Resp: 30057

Ion Ratio Lower Upper

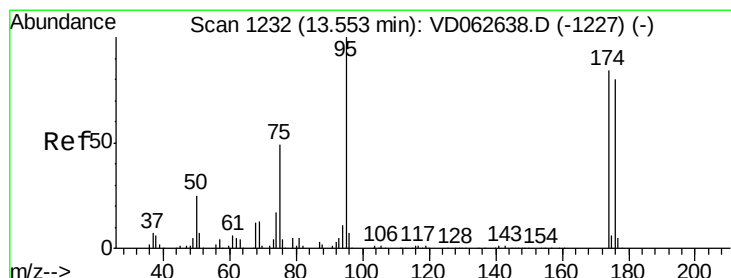
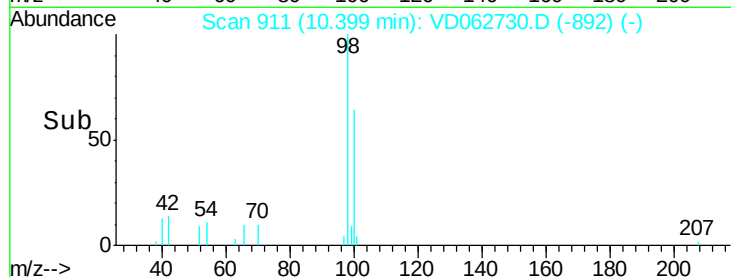
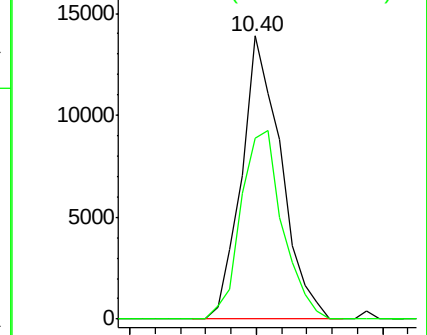
98 100

100 64.1 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: 30.316 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062730.D

Acq: 17 Jun 2019 16:50

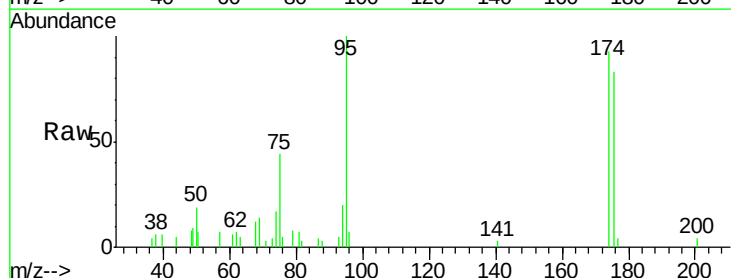
Tgt Ion: 95 Resp: 15143

Ion Ratio Lower Upper

95 100

174 93.0 0.0 167.0

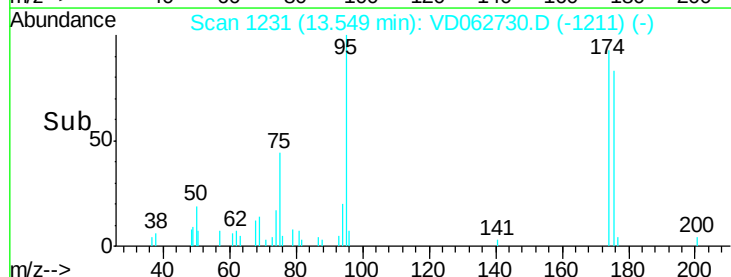
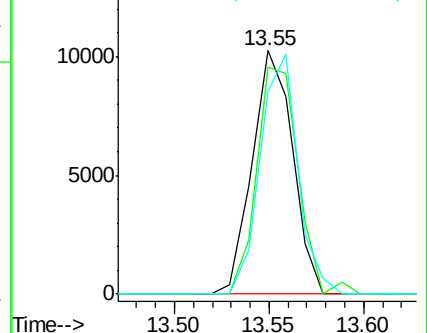
176 83.2 0.0 159.2

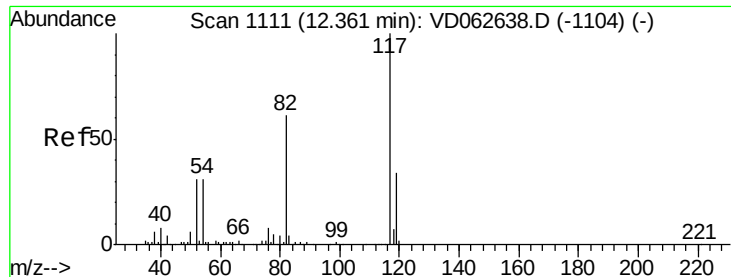


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

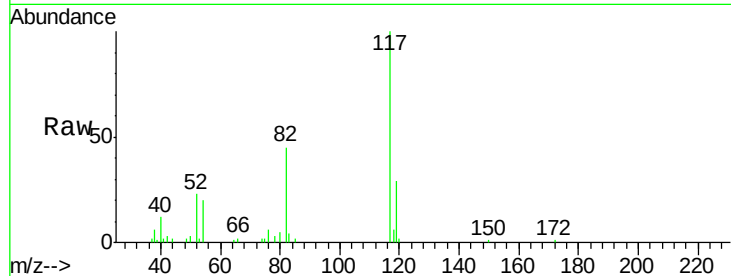




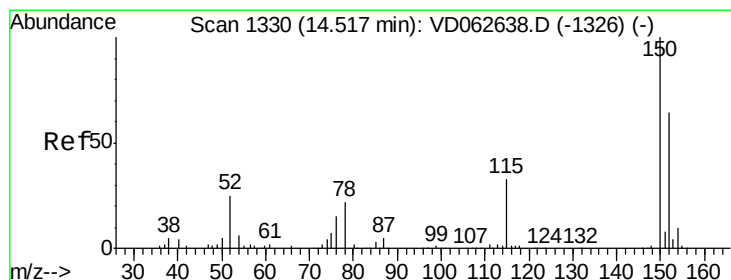
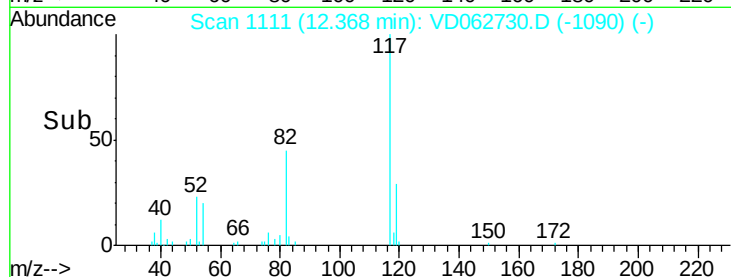
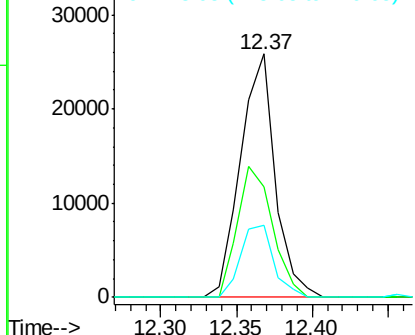
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062730.D
Acq: 17 Jun 2019 16:50

Instrument :
MSVOA_D
ClientSampleId :
T-1A

Tot Ion:117 Resp: 41167
Ion Ratio Lower Upper
117 100
82 45.4 48.7 73.1#
119 29.4 27.0 40.6

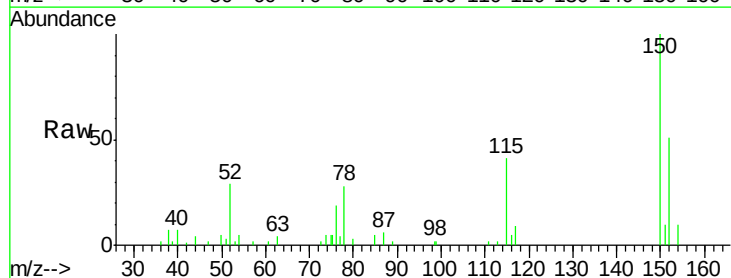


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

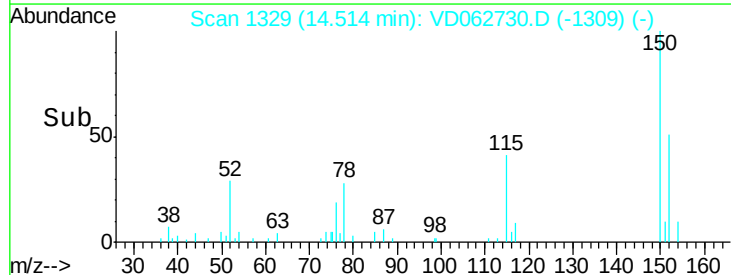
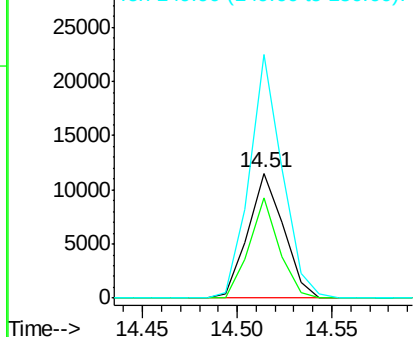


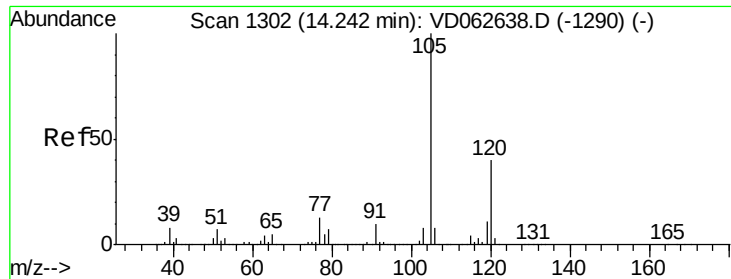
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062730.D
Acq: 17 Jun 2019 16:50

Tgt Ion:152 Resp: 15099
Ion Ratio Lower Upper
152 100
115 80.3 30.1 90.5
150 195.1 0.0 314.0



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





#84
 1,2,4-Trimethylbenzene
 Concen: 4.274 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062730.D
 Acq: 17 Jun 2019 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Tot Ion:105 Resp: 3980
 Ion Ratio Lower Upper
 105 100
 120 46.7 20.3 60.8

