

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063061.D
 Acq On : 10 Jul 2019 16:43
 Operator : VA/AP
 Sample : K3726-02
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-2_070919

Quant Time: Jul 11 07:37:33 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	7.04	168	985313	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1363230	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1148091	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	542442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	444867	41.54	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.08%	
35) Dibromofluoromethane	6.92	113	491219	42.73	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.46%	
50) Toluene-d8	10.40	98	1076904	43.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	86.10%	
62) 4-Bromofluorobenzene	13.55	95	443715	39.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.02%	

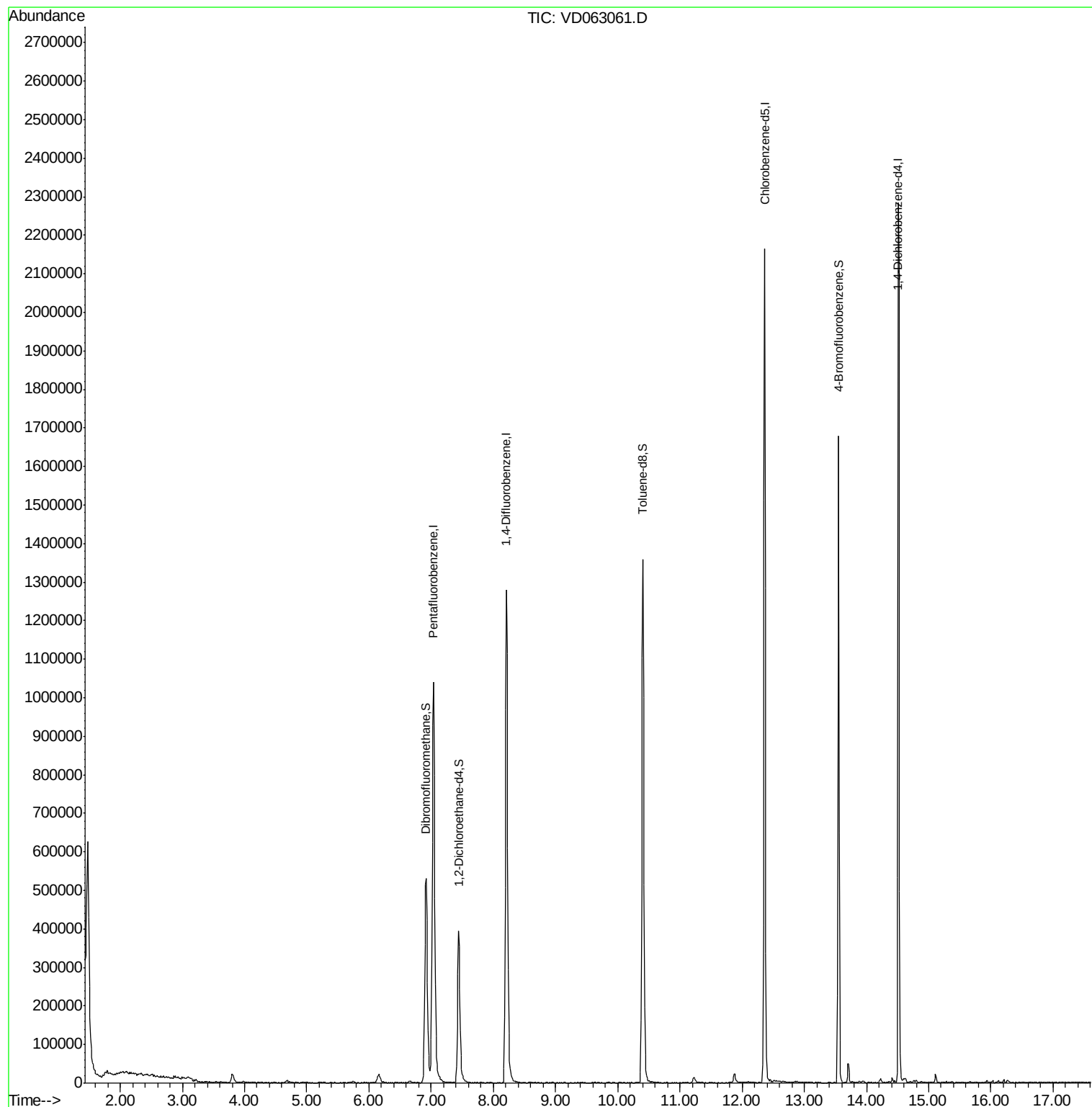
Target Compounds	Qvalue

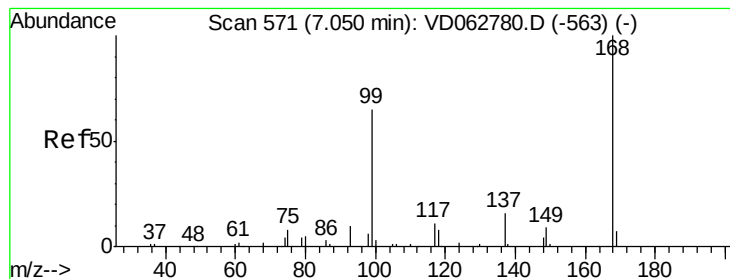
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063061.D

Acq: 10 Jul 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

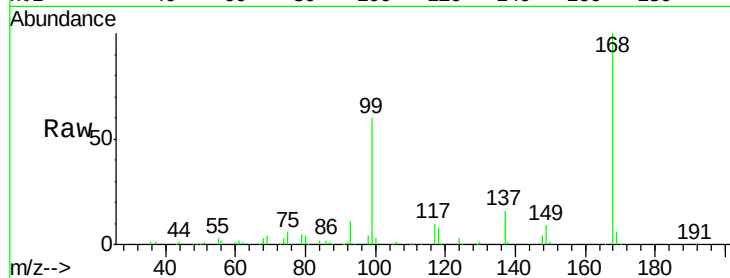
PX-2_070919

Tot Ion:168 Resp: 985313

Ion Ratio Lower Upper

168 100

99 59.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

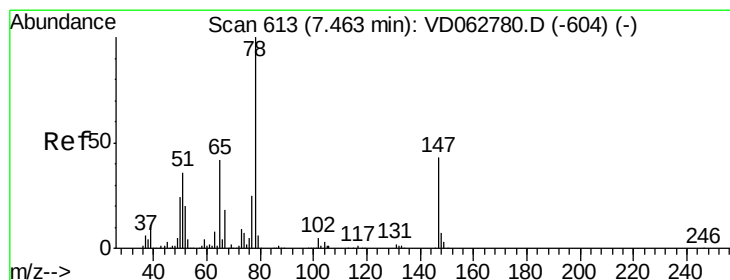
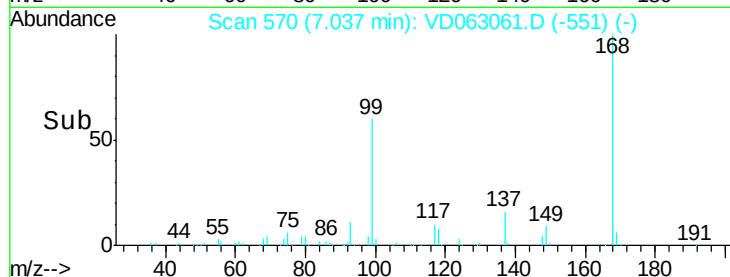
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 41.537 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063061.D

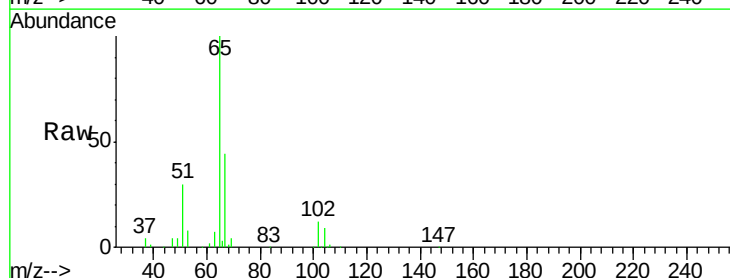
Acq: 10 Jul 2019 16:43

Tgt Ion: 65 Resp: 444867

Ion Ratio Lower Upper

65 100

67 43.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

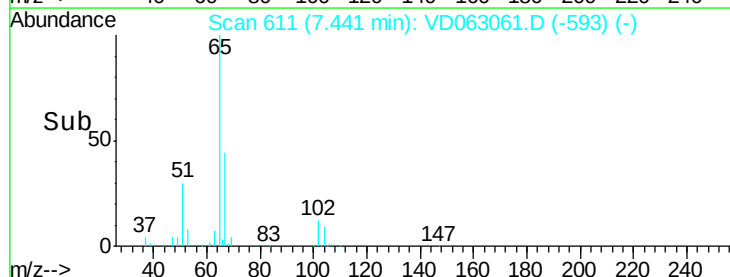
150000

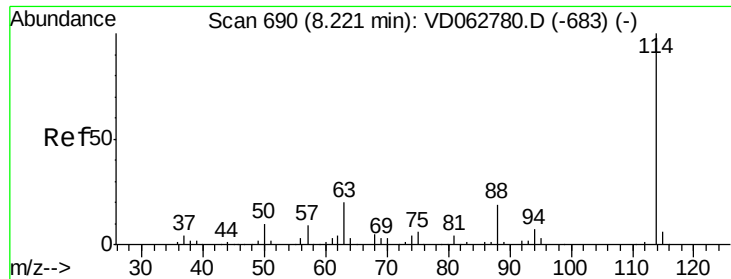
100000

50000

0

Time--> 7.30 7.40 7.50 7.60

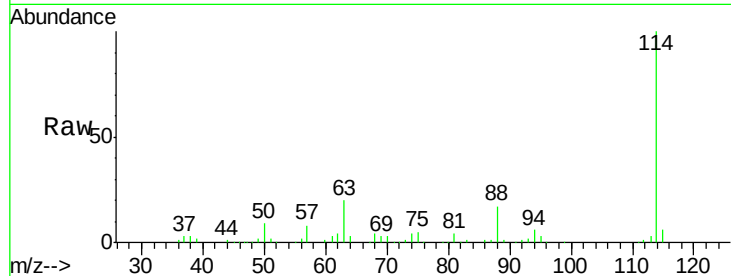




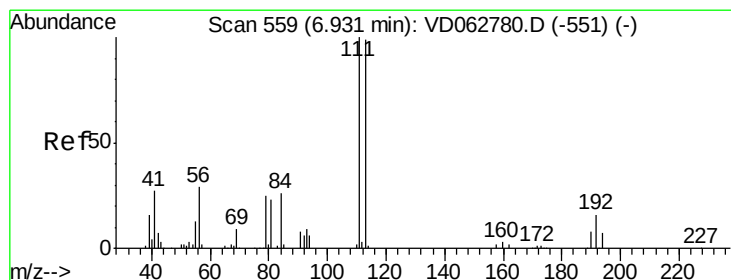
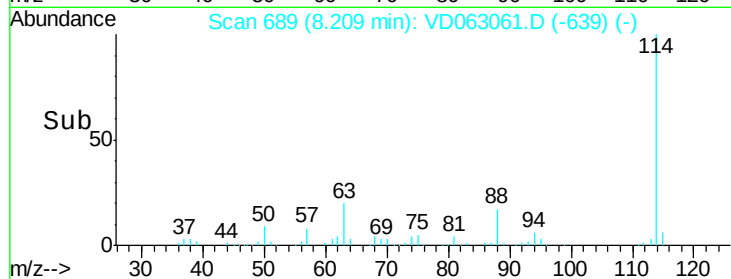
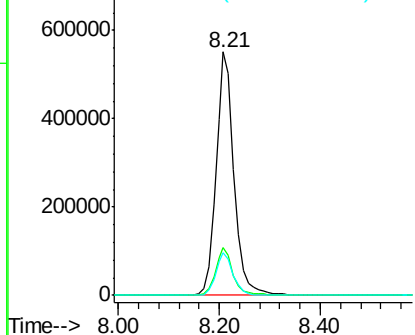
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-2_070919

Tot Ion:114 Resp: 1363230
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 17.4 0.0 38.8

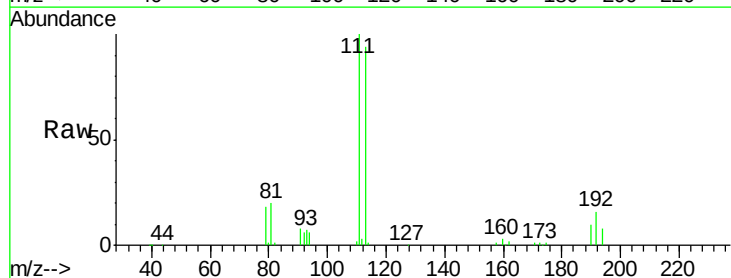


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

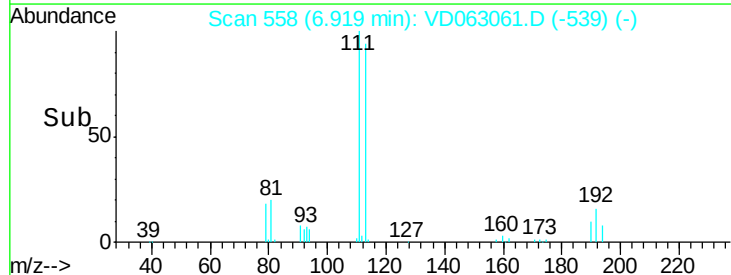
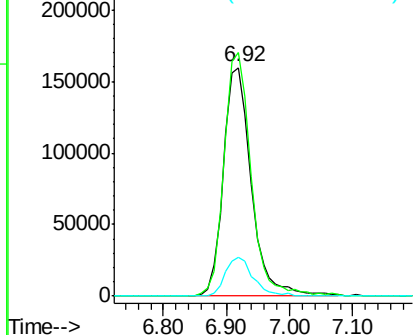


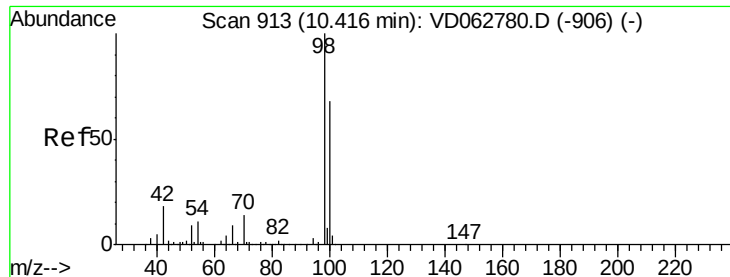
#35
 Dibromofluoromethane
 Concen: 42.734 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

Tgt Ion:113 Resp: 491219
 Ion Ratio Lower Upper
 113 100
 111 106.4 81.2 121.8
 192 16.7 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: 43.046 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063061.D

Acq: 10 Jul 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

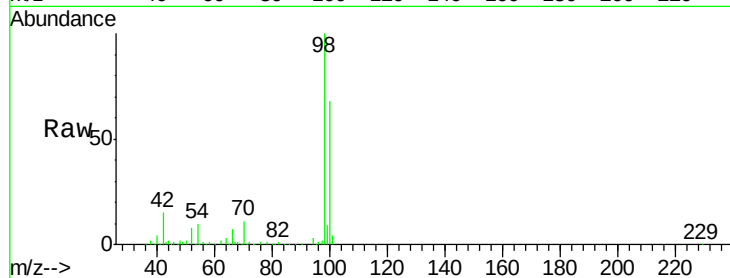
PX-2_070919

Tot Ion: 98 Resp: 1076904

Ion Ratio Lower Upper

98 100

100 68.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.40

500000

400000

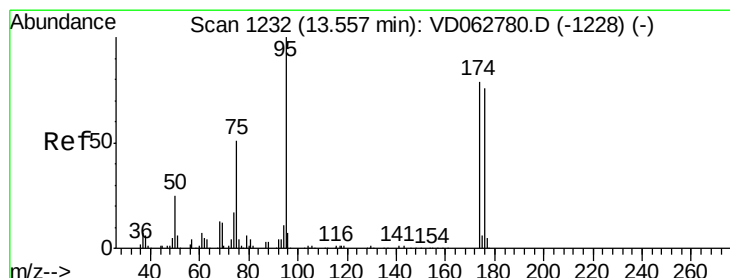
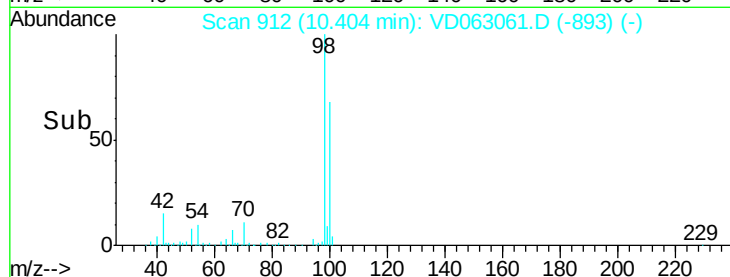
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.005 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063061.D

Acq: 10 Jul 2019 16:43

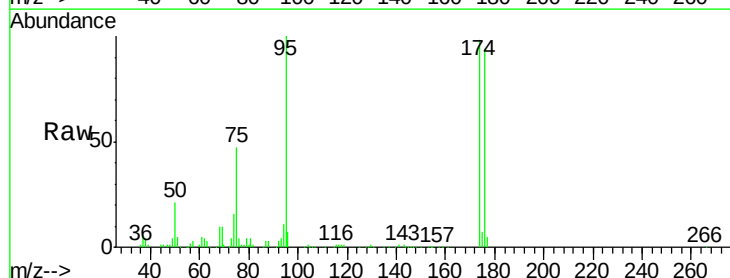
Tgt Ion: 95 Resp: 443715

Ion Ratio Lower Upper

95 100

174 97.6 0.0 158.0

176 94.3 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

400000

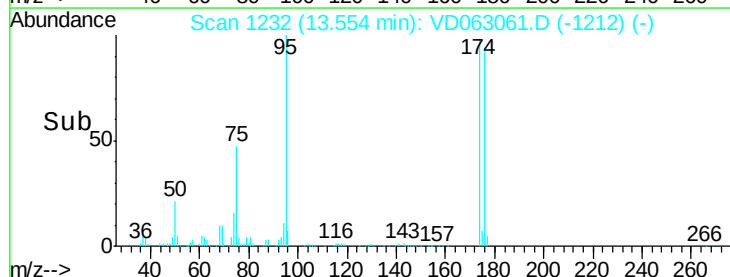
300000

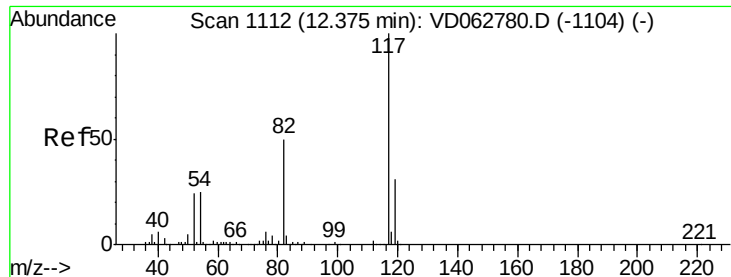
200000

100000

0

Time-->

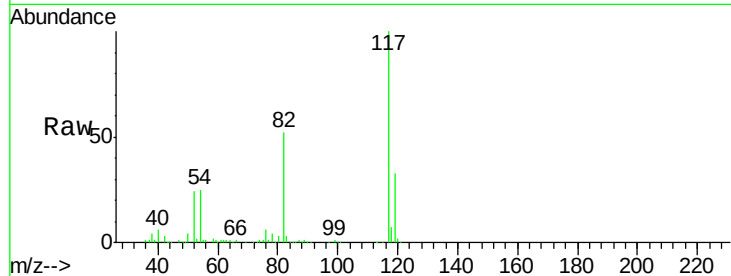




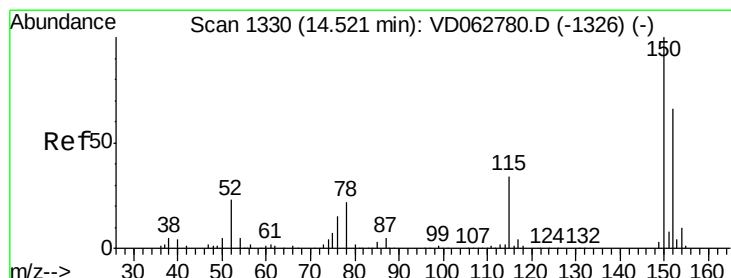
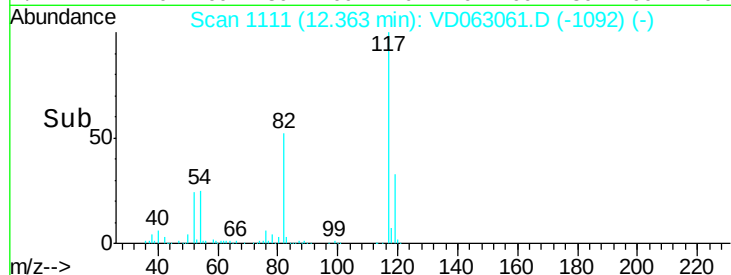
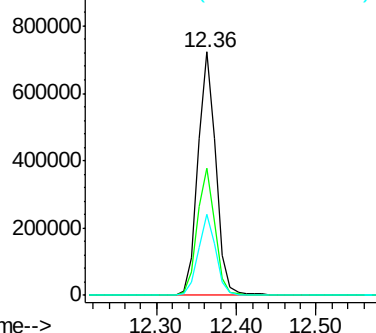
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Instrument :
MSVOA_D
ClientSampleId :
PX-2_070919

Tot Ion:117 Resp: 1148091
Ion Ratio Lower Upper
117 100
82 52.2 40.4 60.6
119 33.2 25.2 37.8

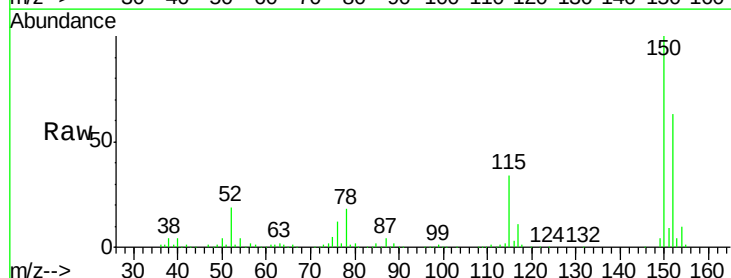


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Tgt Ion:152 Resp: 542442
Ion Ratio Lower Upper
152 100
115 54.1 29.2 87.6
150 157.6 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

