

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061782.D
 Acq On : 12 Apr 2019 17:01
 Operator : VA/AP
 Sample : K2356-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: Apr 15 06:57:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

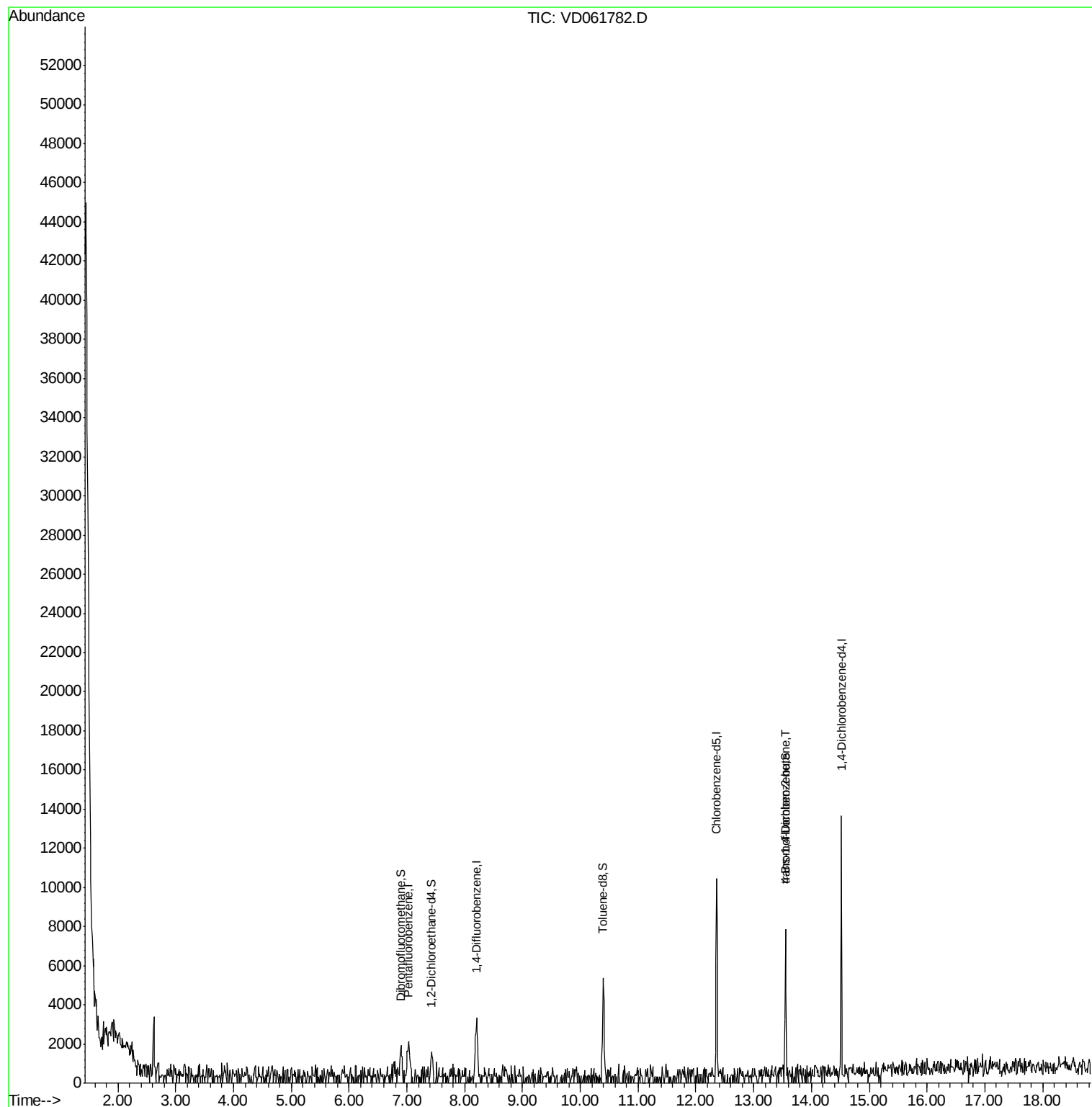
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	3574	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	6791	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	6995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	2130	78.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	157.24%	
35) Dibromofluoromethane	6.90	113	1560	33.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.32%	
50) Toluene-d8	10.39	98	6208	52.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	13.55	95	2656	69.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.80%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	13.55	75	895	66.438	ug/l #	Qvalue 20

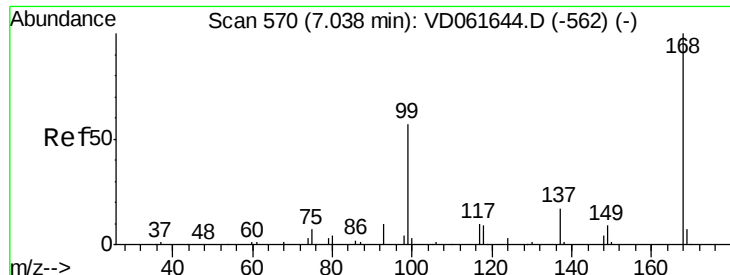
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD061782.D

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Instrument :

MSVOA_D

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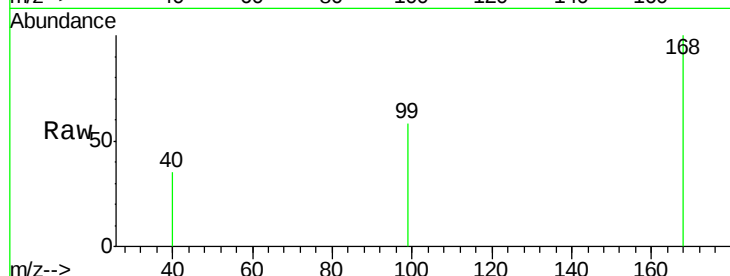
S-1A

Tot Ion:168 Resp: 3574

Ion Ratio Lower Upper

168 100

99 57.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

1200

1000

800

600

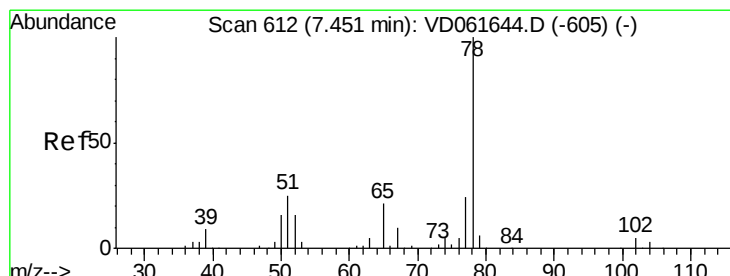
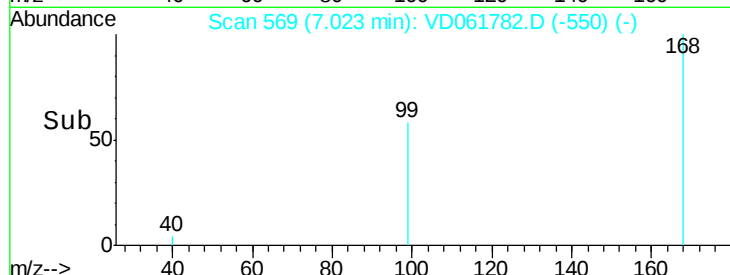
400

200

0

Time-->

6.95 7.00 7.05 7.10



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061782.D

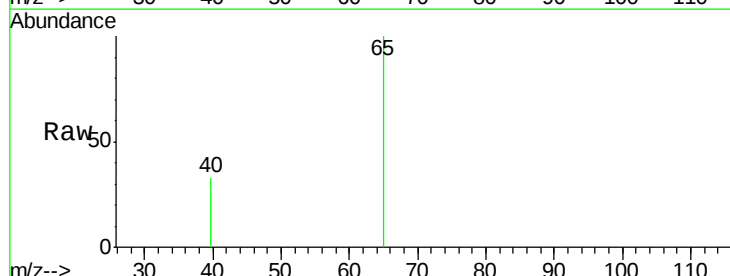
Acq: 12 Apr 2019 17:01

Tgt Ion: 65 Resp: 2130

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

1200

1000

800

600

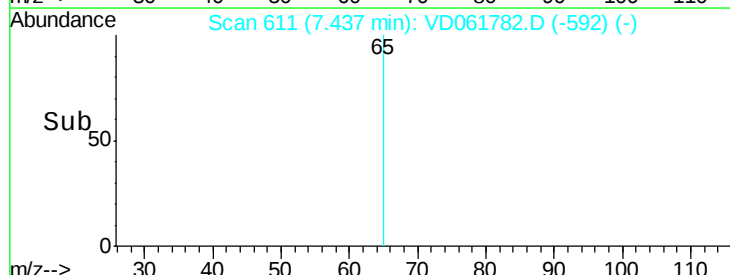
400

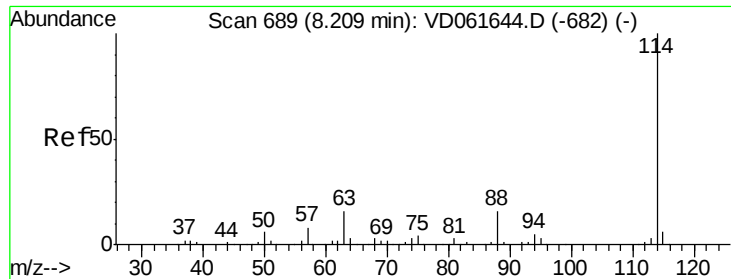
200

0

Time-->

7.35 7.40 7.45





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD061782.D

Acq: 12 Apr 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

S-1A

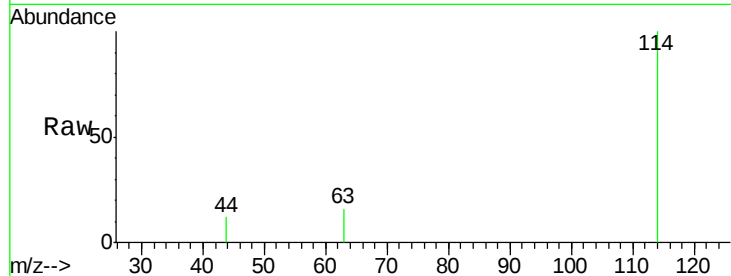
Tot Ion:114 Resp: 6791

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.2

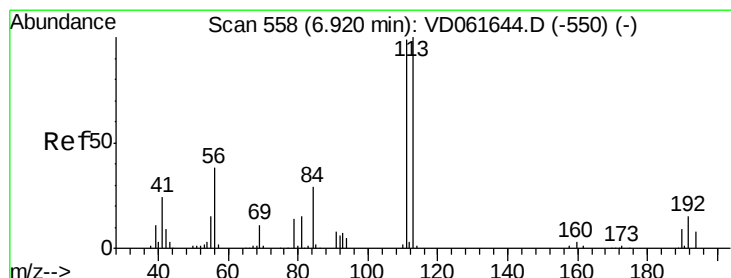
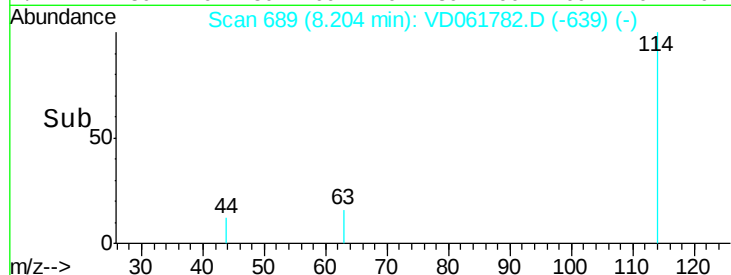
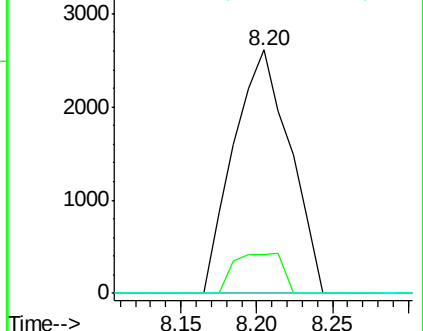
88 0.0 0.0 31.8



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: 50.000 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.02 min

Lab File: VD061782.D

Acq: 12 Apr 2019 17:01

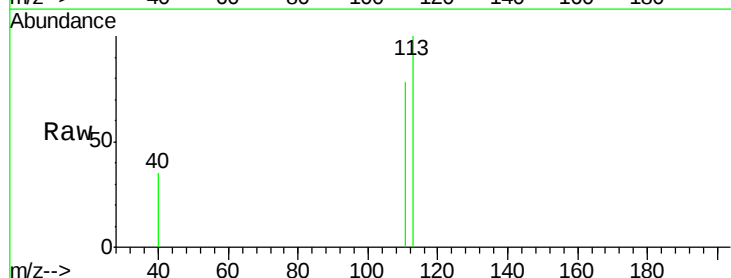
Tgt Ion:113 Resp: 1560

Ion Ratio Lower Upper

113 100

111 78.1 79.3 118.9#

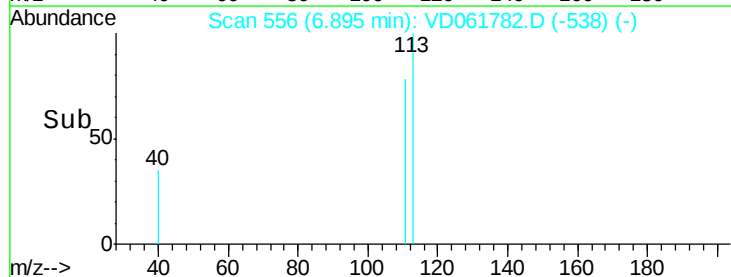
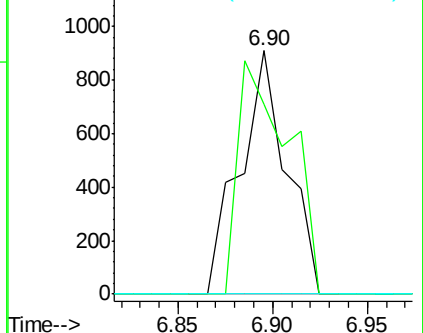
192 0.0 12.3 18.5#

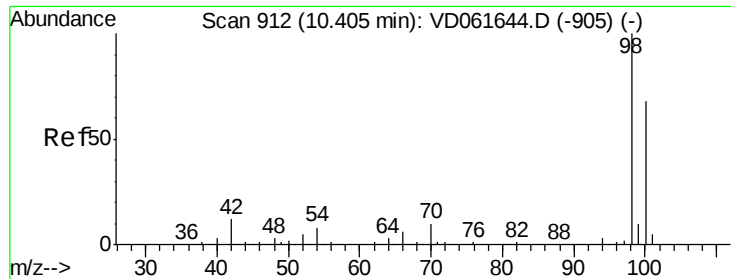


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061782.D

Acq: 12 Apr 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

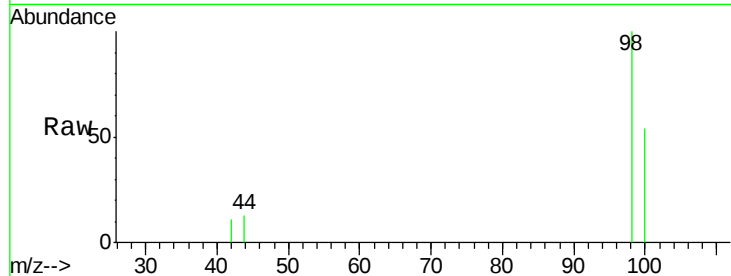
S-1A

Tot Ion: 98 Resp: 6208

Ion Ratio Lower Upper

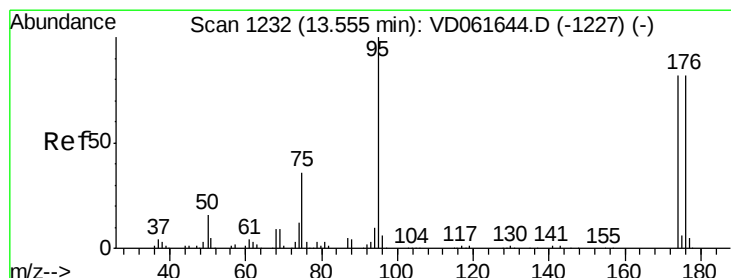
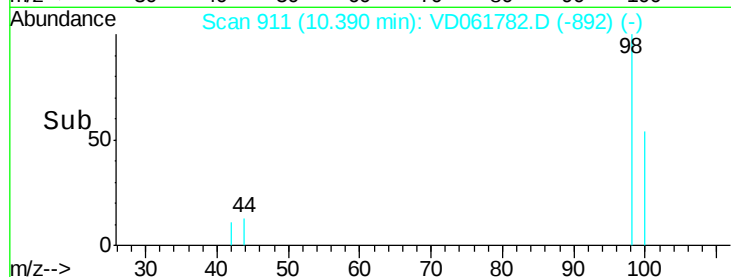
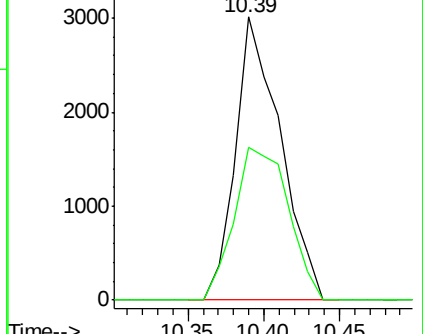
98 100

100 53.9 55.4 83.0#



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061782.D

Acq: 12 Apr 2019 17:01

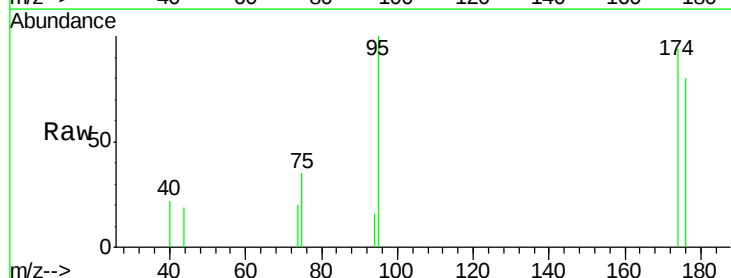
Tgt Ion: 95 Resp: 2656

Ion Ratio Lower Upper

95 100

174 94.0 0.0 164.6

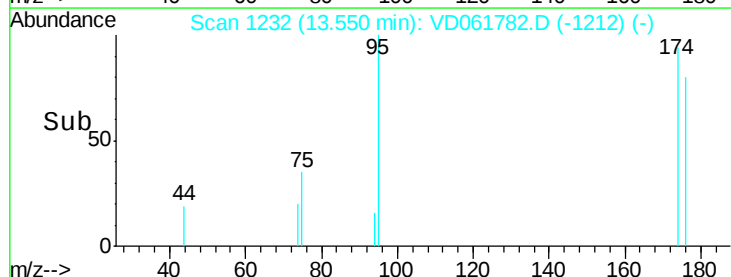
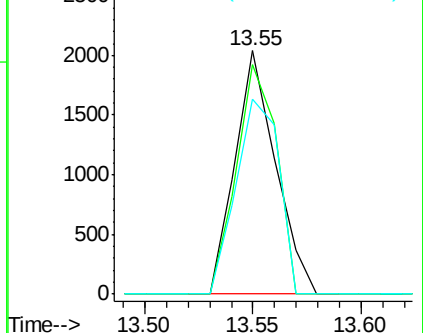
176 80.0 0.0 165.0

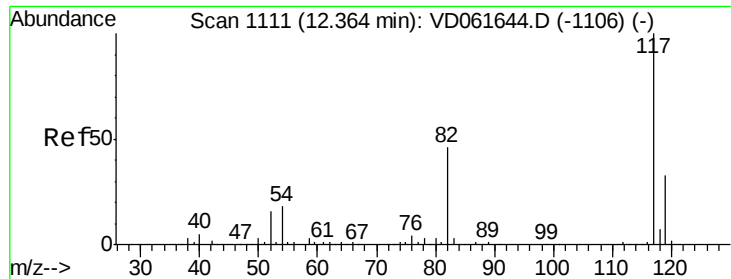


Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

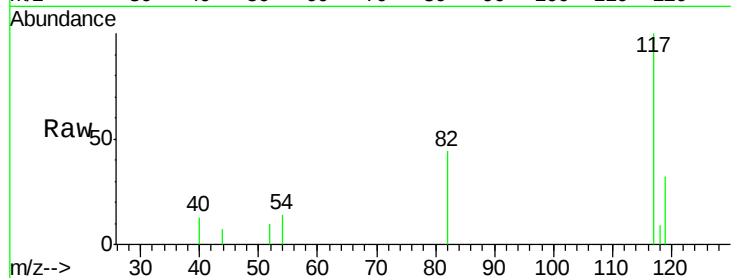




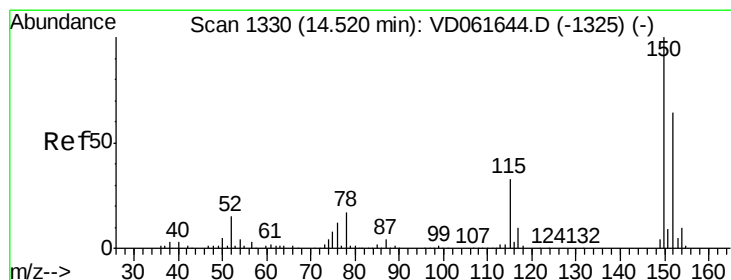
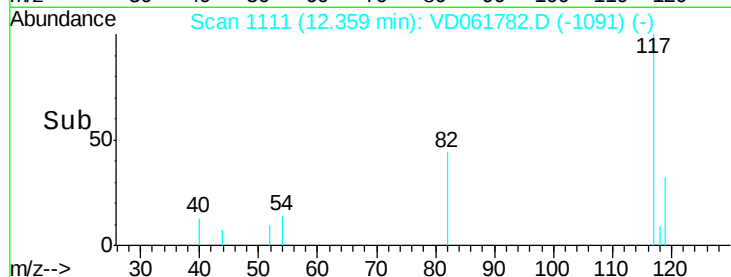
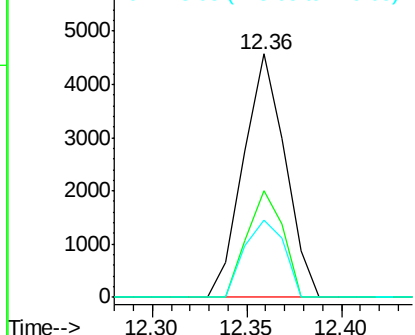
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061782.D
Acq: 12 Apr 2019 17:01

Instrument :
MSVOA_D
ClientSampleId :
S-1A

Tot Ion:117 Resp: 6995
Ion Ratio Lower Upper
117 100
82 43.8 36.8 55.2
119 31.9 26.1 39.1

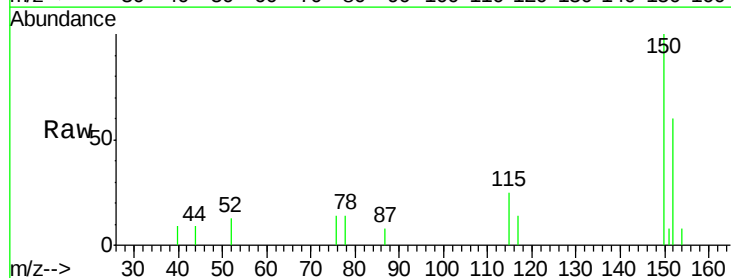


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

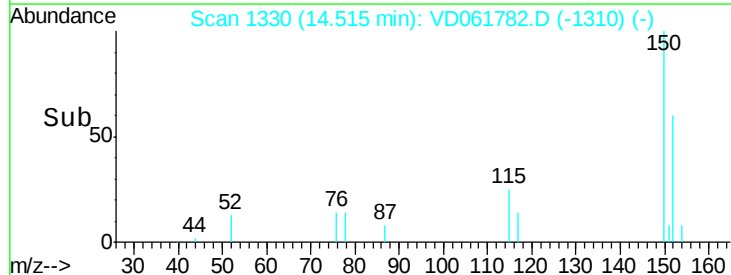
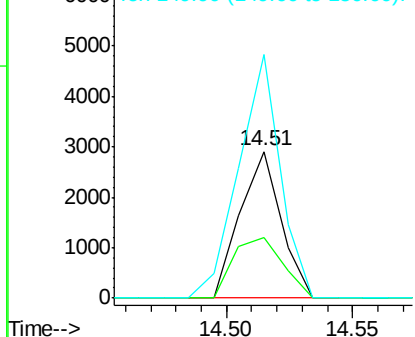


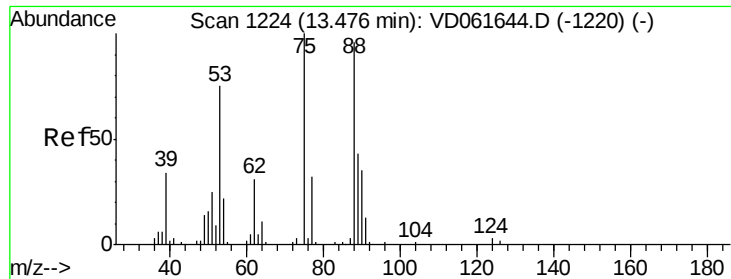
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061782.D
Acq: 12 Apr 2019 17:01

Tgt Ion:152 Resp: 3263
Ion Ratio Lower Upper
152 100
115 41.4 26.4 79.2
150 166.2 0.0 320.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 66.438 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061782.D

Acq: 12 Apr 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

S-1A

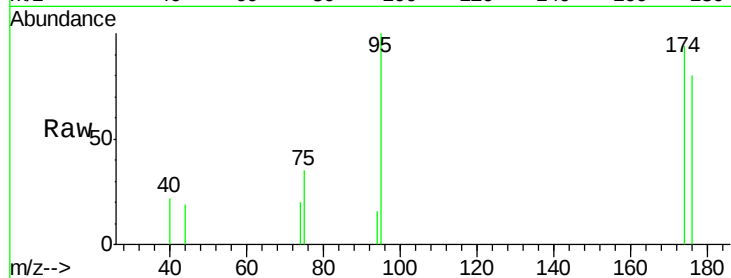
Tot Ion: 75 Resp: 895

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

