

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061885.D
 Acq On : 18 Apr 2019 20:27
 Operator : VA/AP
 Sample : K2436-02RE
 Misc : 6.20g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-038-ARE

Quant Time: Apr 19 01:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

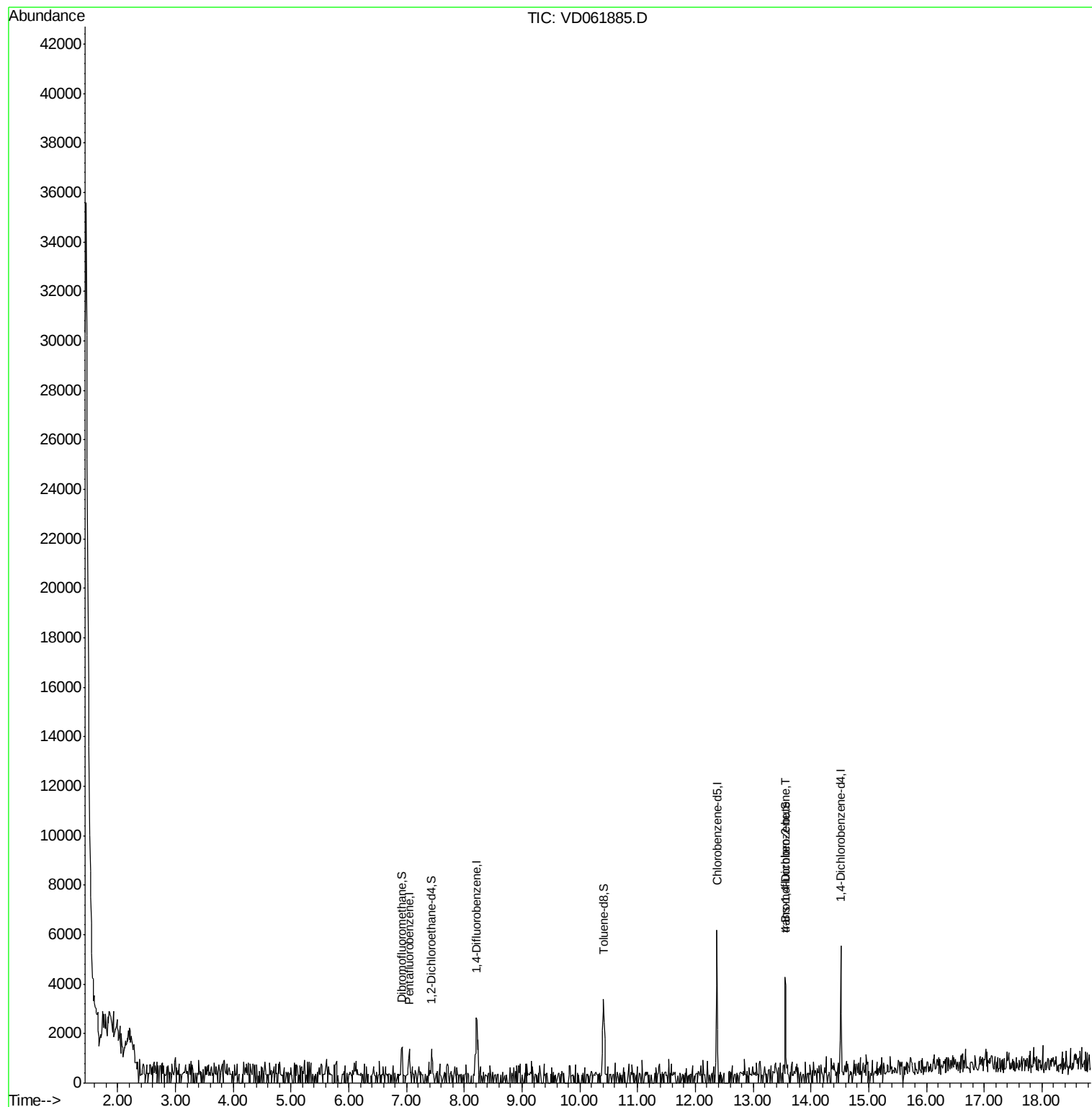
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	2111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	4272	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	3537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	1504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	1411	79.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	159.50%	
35) Dibromofluoromethane	6.91	113	1071	33.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.36%	
50) Toluene-d8	10.41	98	4363	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
62) 4-Bromofluorobenzene	13.55	95	1523	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	13.55	75	276	43.570	ug/l #	16

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061885.D

Acq: 18 Apr 2019 20:27

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MSVOA_D

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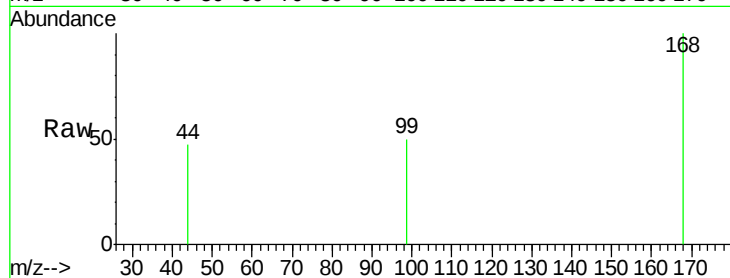
FK-GF-02-038-ARE

Tot Ion:168 Resp: 2111

Ion Ratio Lower Upper

168 100

99 50.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

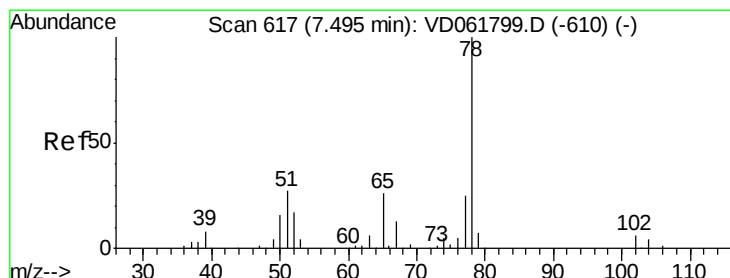
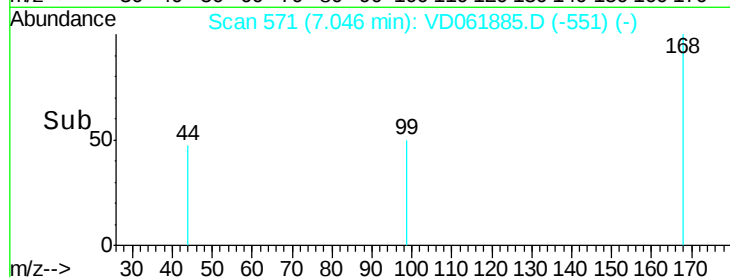
600

400

200

0

Time--> 6.95 7.00 7.05 7.10



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD061885.D

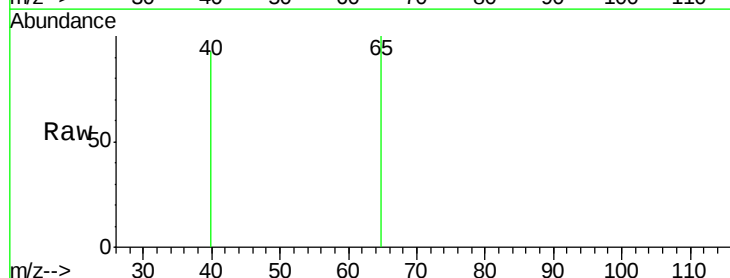
Acq: 18 Apr 2019 20:27

Tgt Ion: 65 Resp: 1411

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

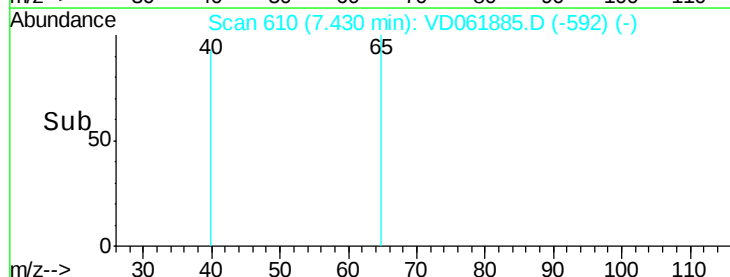
600

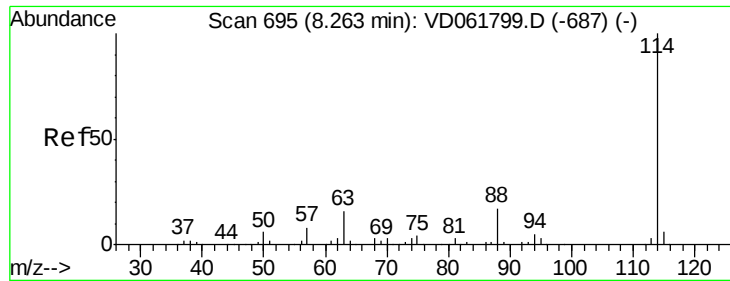
400

200

0

Time--> 7.40 7.45 7.50

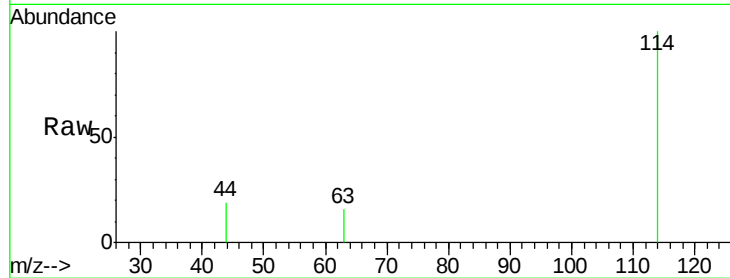




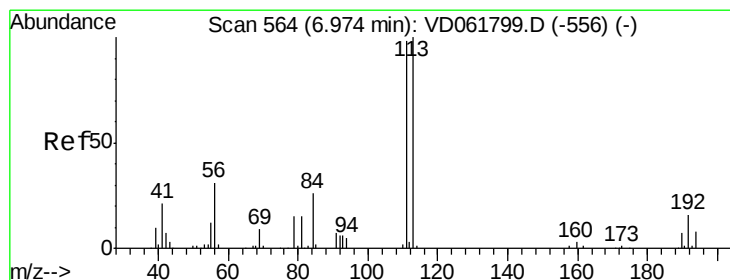
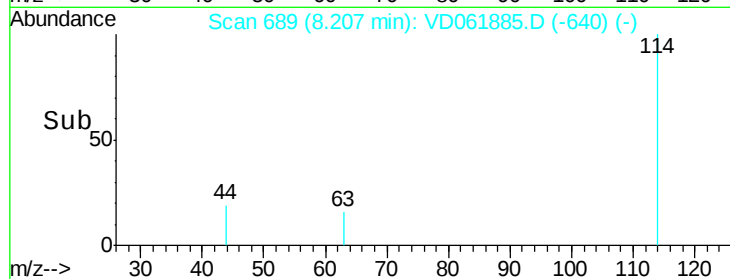
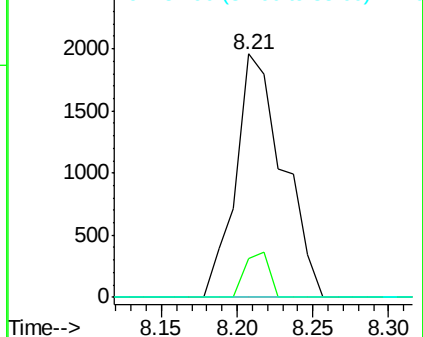
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD061885.D
 Acq: 18 Apr 2019 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-038-ARE

Tot Ion:114 Resp: 4272
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 32.4
 88 0.0 0.0 33.6

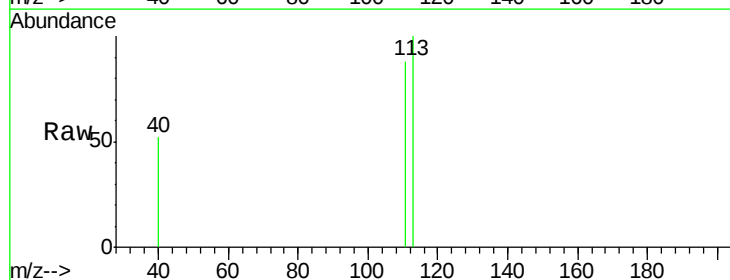


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

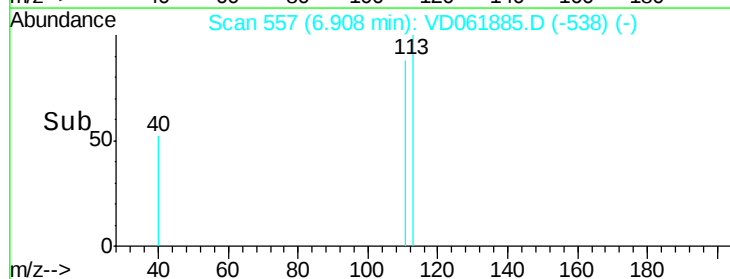
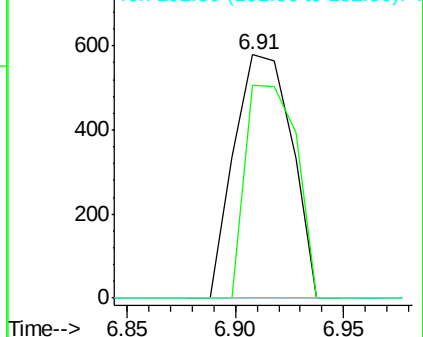


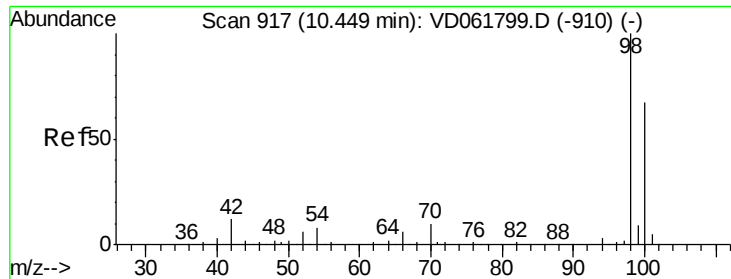
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061885.D
 Acq: 18 Apr 2019 20:27

Tgt Ion:113 Resp: 1071
 Ion Ratio Lower Upper
 113 100
 111 87.7 78.5 117.7
 192 0.0 13.0 19.4#



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: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061885.D

Acq: 18 Apr 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

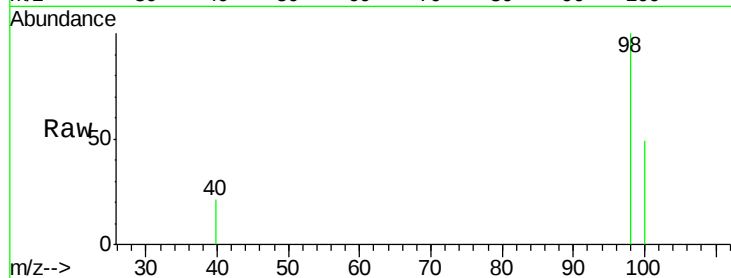
FK-GF-02-038-ARE

Tot Ion: 98 Resp: 4363

Ion Ratio Lower Upper

98 100

100 49.5 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.41

2000

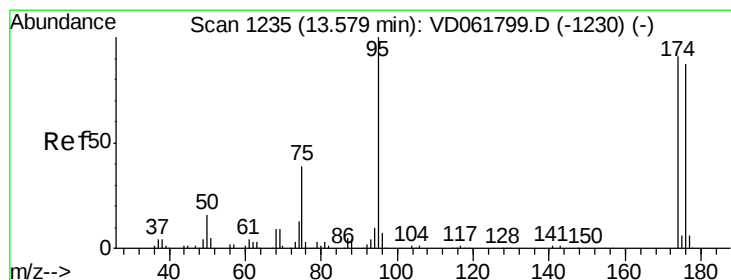
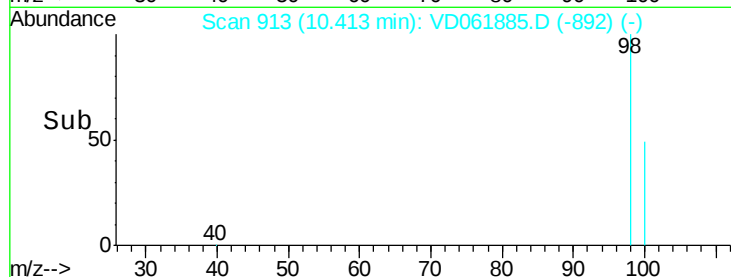
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061885.D

Acq: 18 Apr 2019 20:27

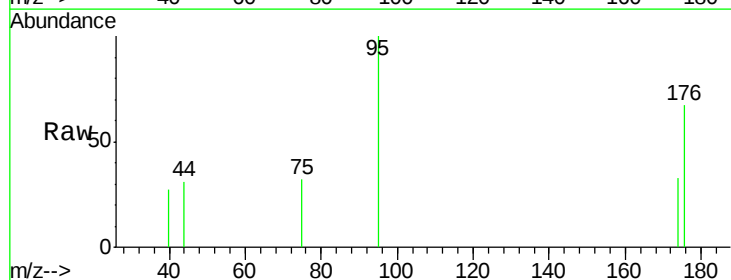
Tgt Ion: 95 Resp: 1523

Ion Ratio Lower Upper

95 100

174 32.7 0.0 181.8

176 67.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

2000

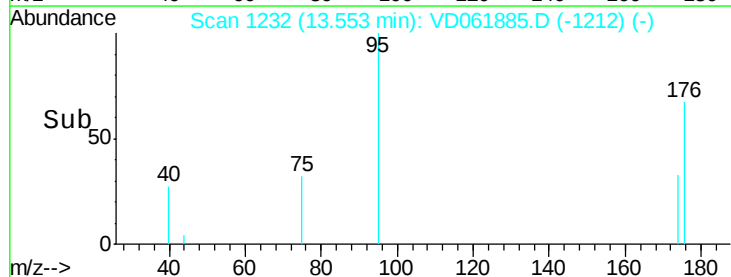
1500

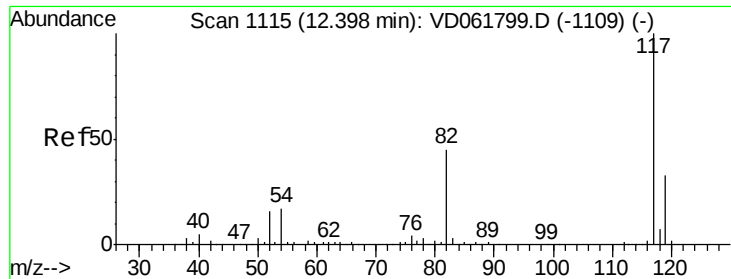
1000

500

0

Time-->

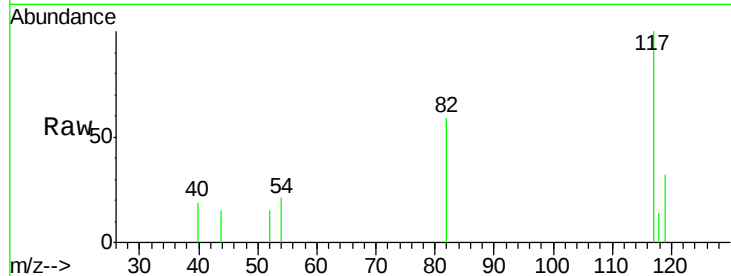




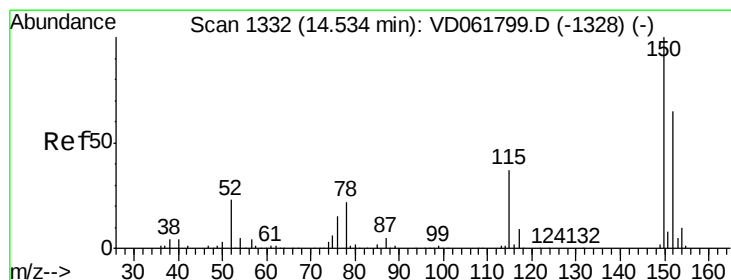
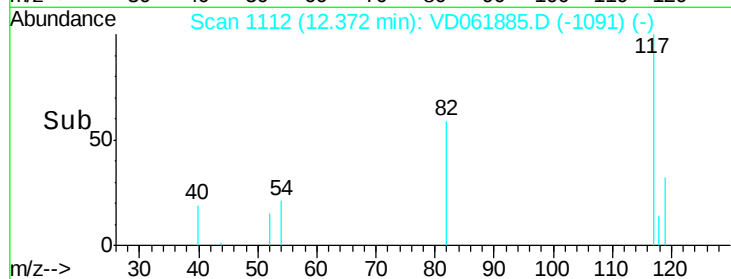
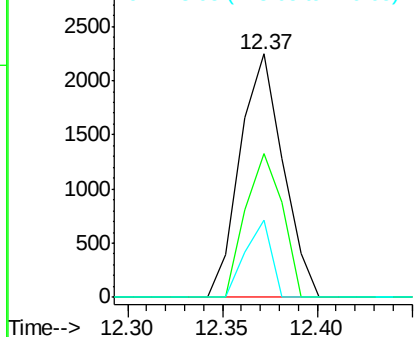
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061885.D
Acq: 18 Apr 2019 20:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-038-ARE

Tot Ion:117 Resp: 3537
Ion Ratio Lower Upper
117 100
82 59.2 36.2 54.2#
119 31.7 26.2 39.4

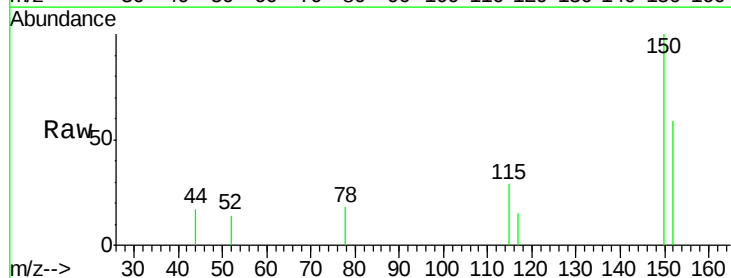


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

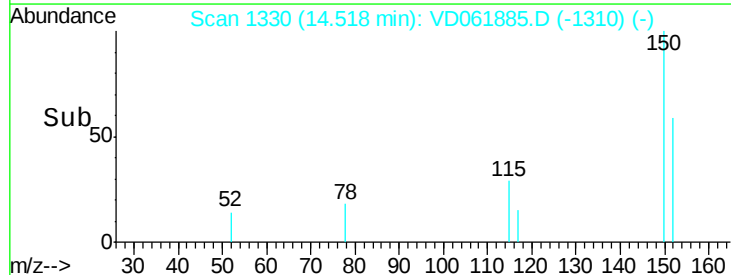
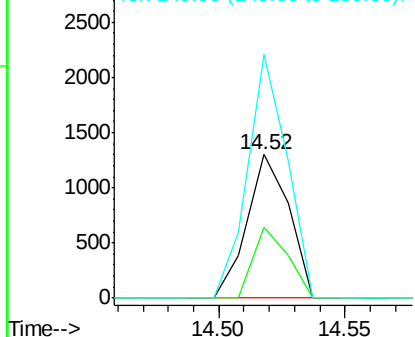


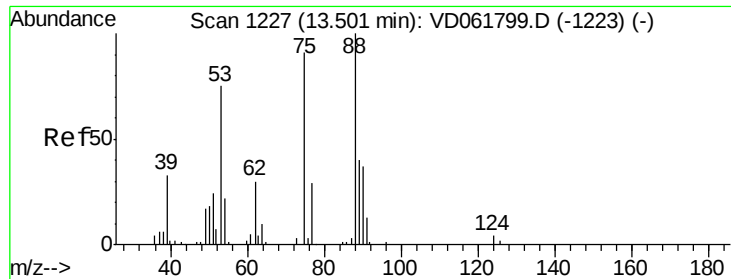
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061885.D
Acq: 18 Apr 2019 20:27

Tgt Ion:152 Resp: 1504
Ion Ratio Lower Upper
152 100
115 49.6 30.9 92.7
150 170.0 0.0 314.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 43.570 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061885.D

Acq: 18 Apr 2019 20:27

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-038-ARE

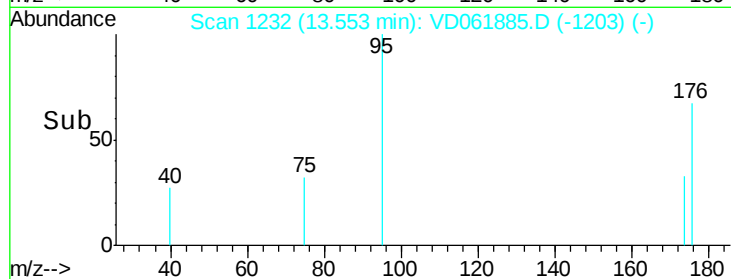
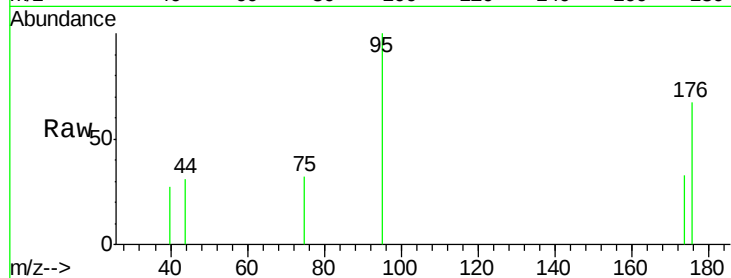
Tot Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

