

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063183.D
 Acq On : 22 Jul 2019 18:06
 Operator : VA/AP
 Sample : K3840-04
 Misc : 3.93g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-02-005-B

Quant Time: Jul 23 08:35:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

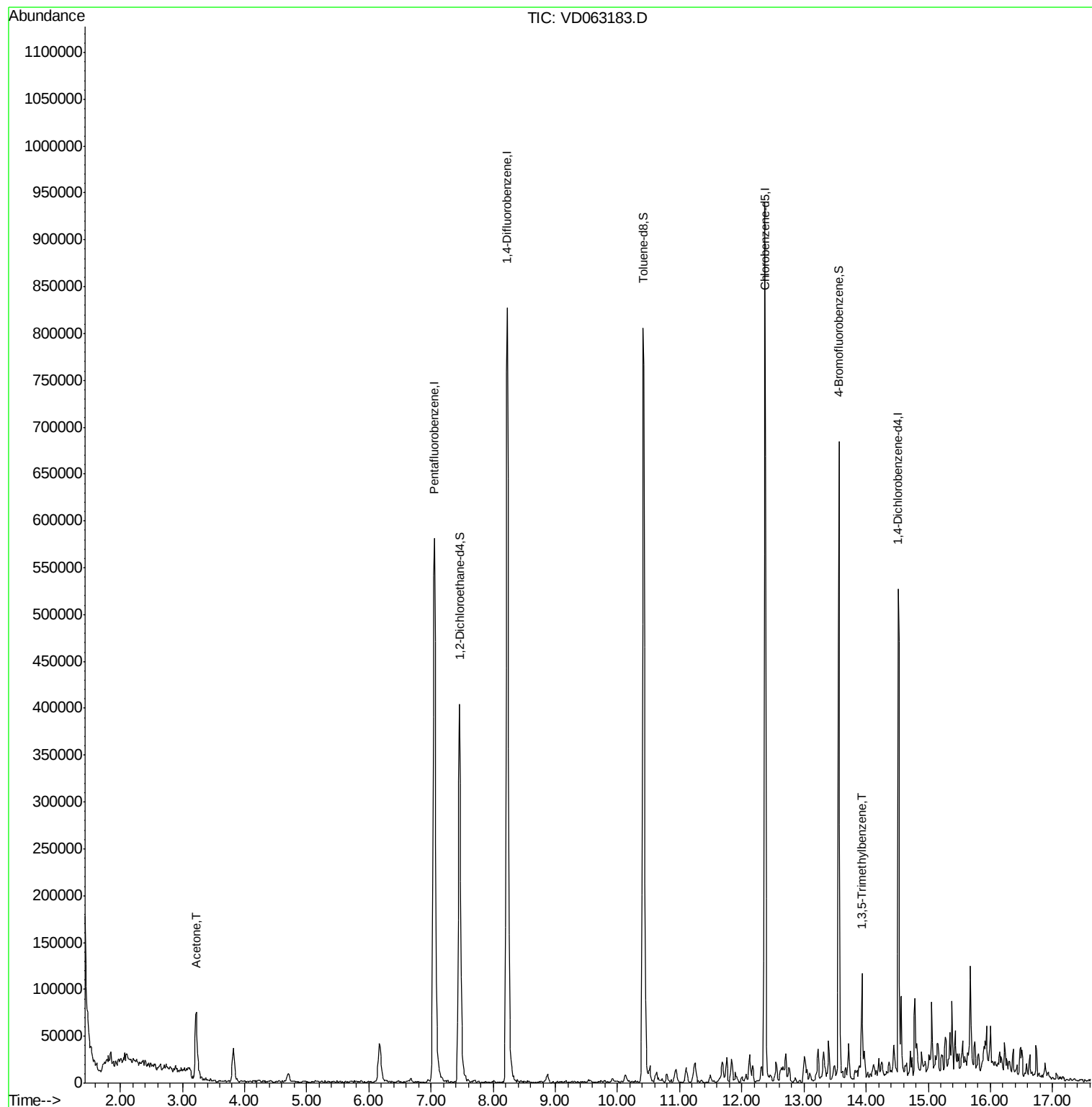
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	591389	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	930448	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	508678	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	125870	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	434040	58.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	117.84%	
35) Dibromofluoromethane	7.05	113	663	0.07	ug/l	0.13
Spiked Amount 50.000			Recovery	=	0.14%	
50) Toluene-d8	10.41	98	663372	33.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.64%	
62) 4-Bromofluorobenzene	13.56	95	182184	19.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	39.56%	
Target Compounds						
16) Acetone	3.23	43	139096	78.174	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	45491	5.370	ug/l	98

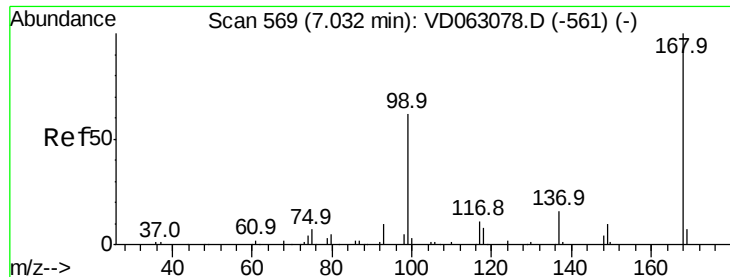
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072219\
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QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

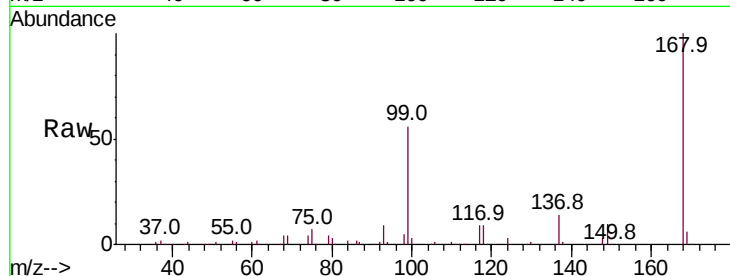
FK-SF-02-005-B

Tot Ion:168 Resp: 591389

Ion Ratio Lower Upper

168 100

99 56.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

250000

200000

150000

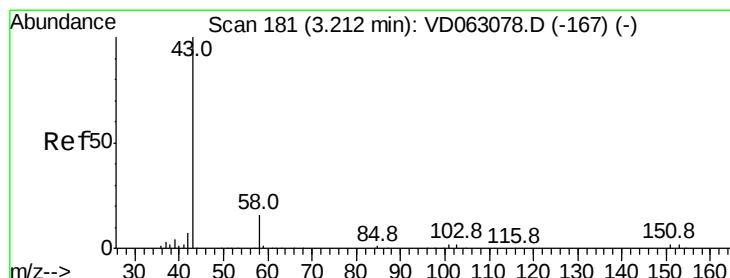
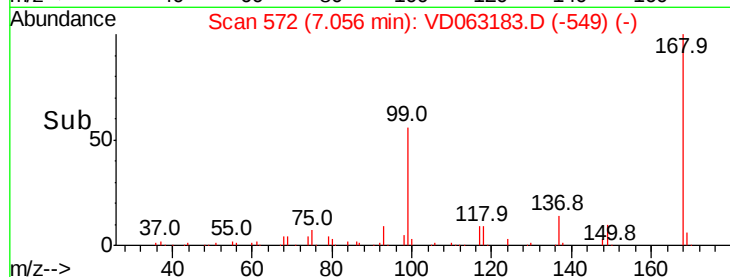
100000

50000

0

7.06

Time-->



#16

Acetone

Concen: 78.174 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063183.D

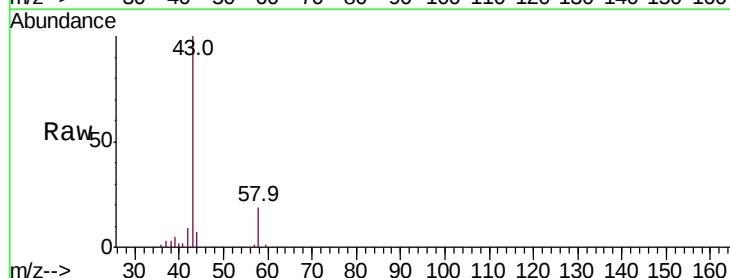
Acq: 22 Jul 2019 18:06

Tgt Ion: 43 Resp: 139096

Ion Ratio Lower Upper

43 100

58 19.2 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

60000

50000

40000

30000

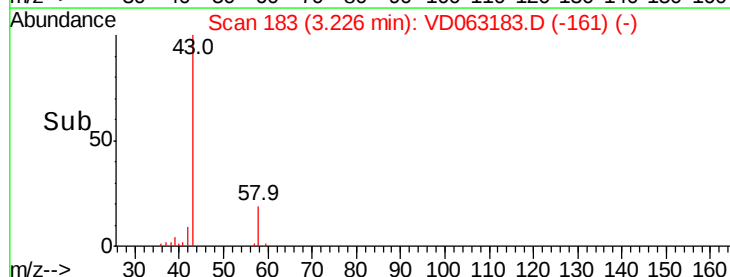
20000

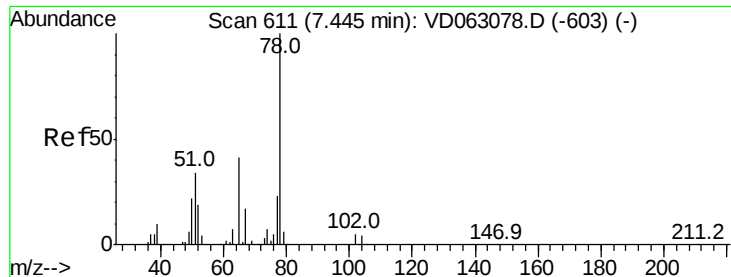
10000

0

3.23

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.918 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

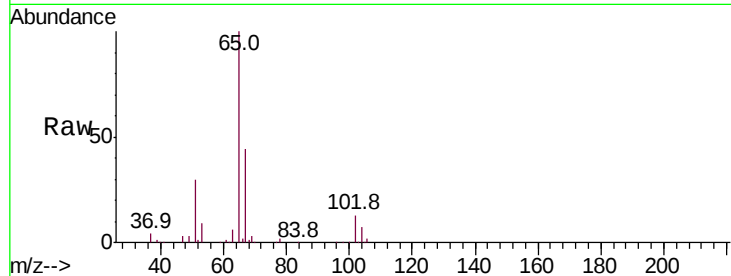
FK-SF-02-005-B

Tot Ion: 65 Resp: 434040

Ion Ratio Lower Upper

65 100

67 43.5 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

150000

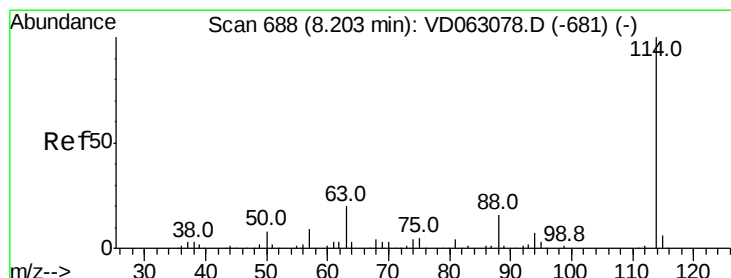
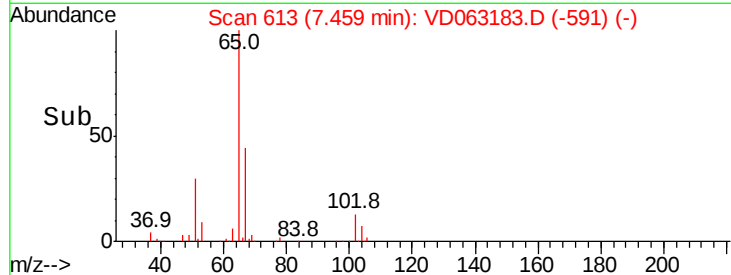
100000

50000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

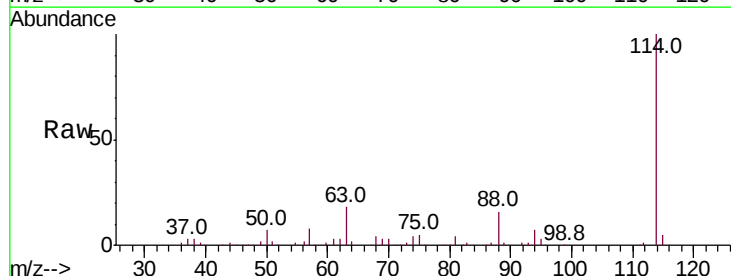
Tgt Ion: 114 Resp: 930448

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.6

88 16.3 0.0 32.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

300000

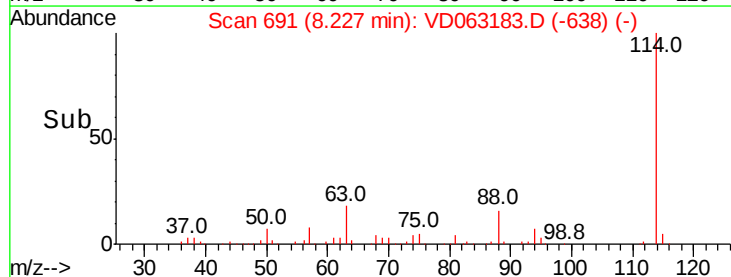
200000

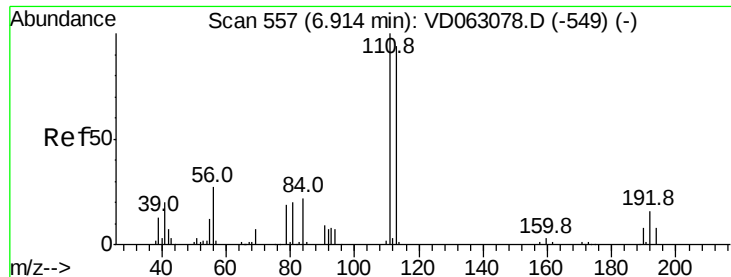
100000

0

8.10 8.20 8.30 8.40

Time-->





#35

Dibromofluoromethane

Concen: 0.072 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.13 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-02-005-B

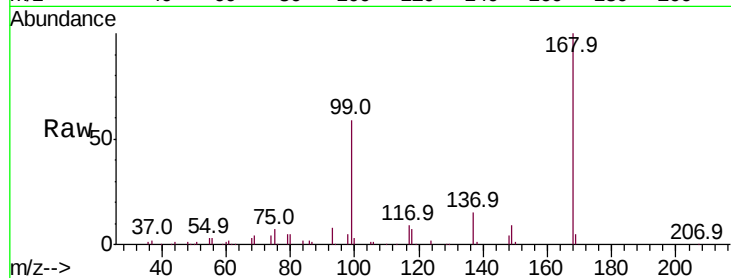
Tot Ion:113 Resp: 663

Ion Ratio Lower Upper

113 100

111 0.0 84.8 127.2#

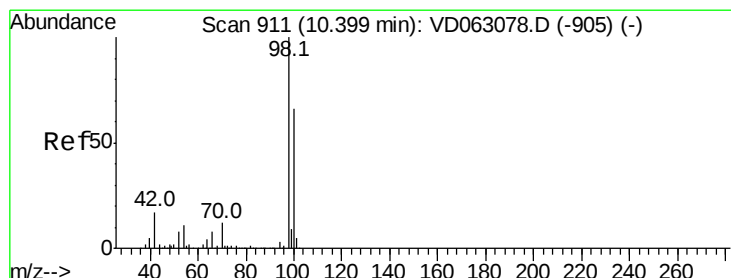
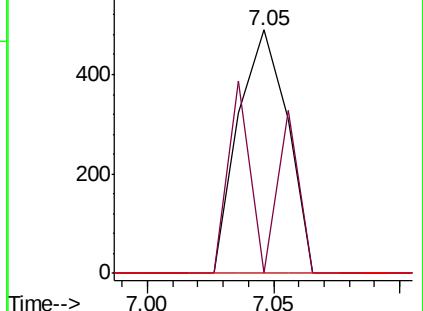
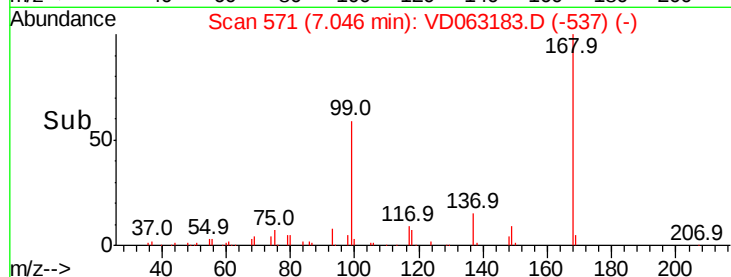
192 0.0 13.4 20.0#



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: 33.324 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063183.D

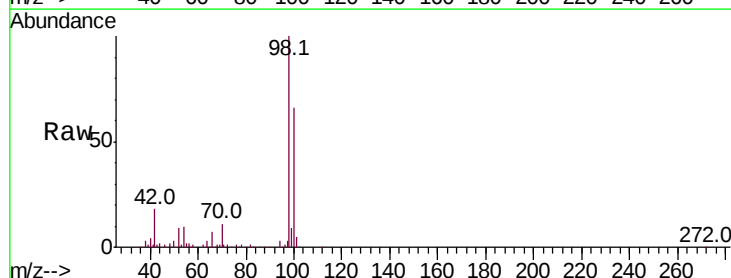
Acq: 22 Jul 2019 18:06

Tgt Ion: 98 Resp: 663372

Ion Ratio Lower Upper

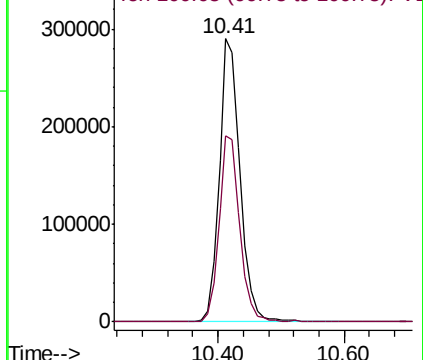
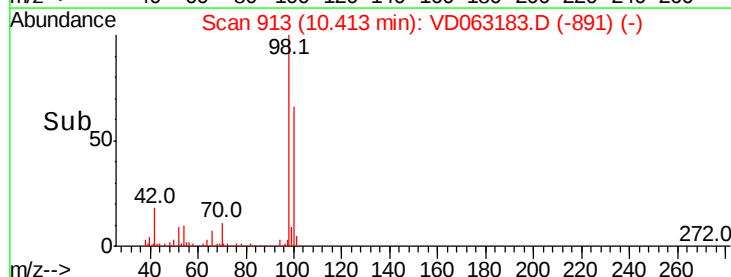
98 100

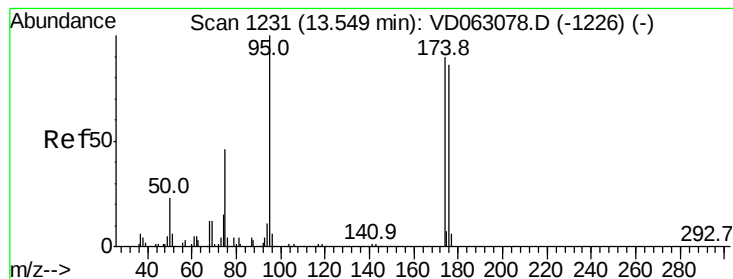
100 65.8 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 19.782 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-02-005-B

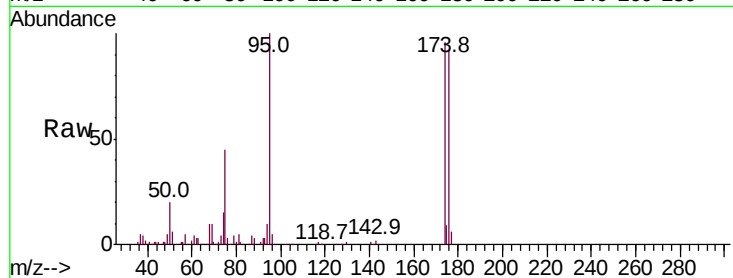
Tot Ion: 95 Resp: 182184

Ion Ratio Lower Upper

95 100

174 96.0 0.0 180.6

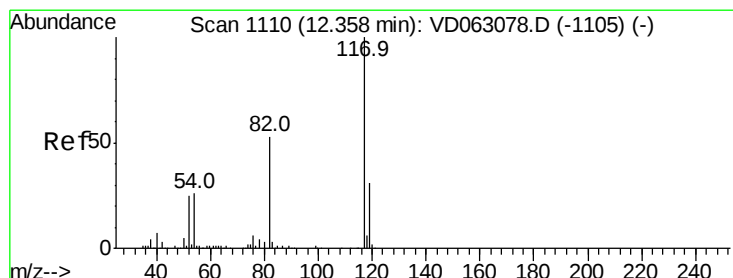
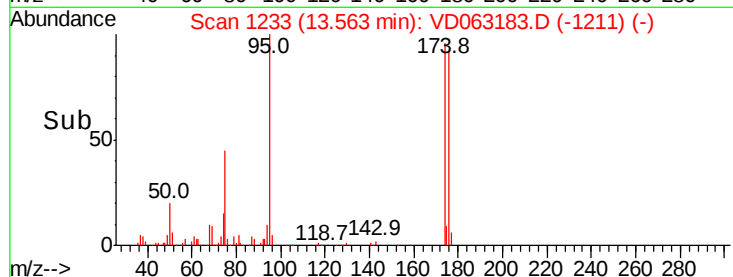
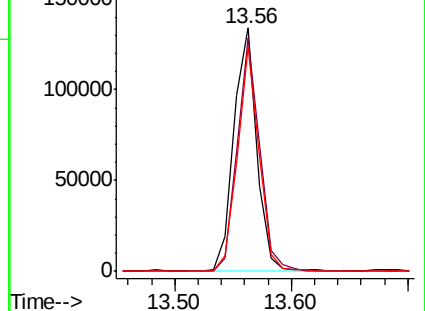
176 92.2 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): V

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# 1112

Delta R.T. 0.01 min

Lab File: VD063183.D

Acq: 22 Jul 2019 18:06

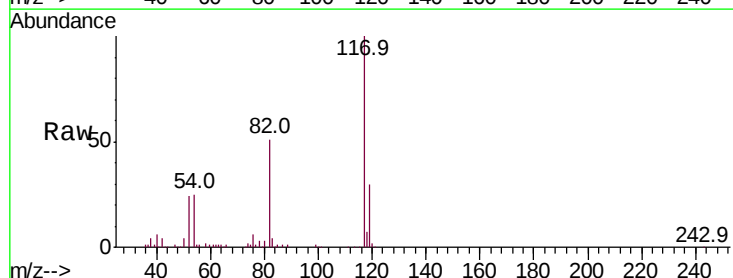
Tgt Ion: 117 Resp: 508678

Ion Ratio Lower Upper

117 100

82 50.9 42.3 63.5

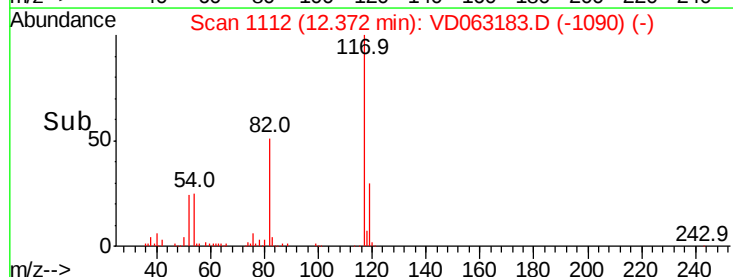
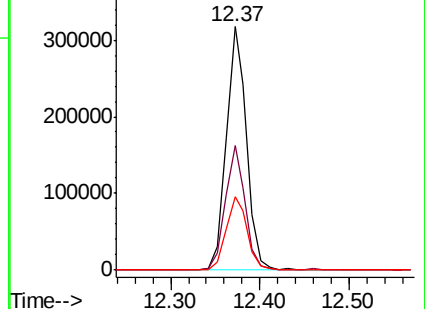
119 30.1 25.2 37.8

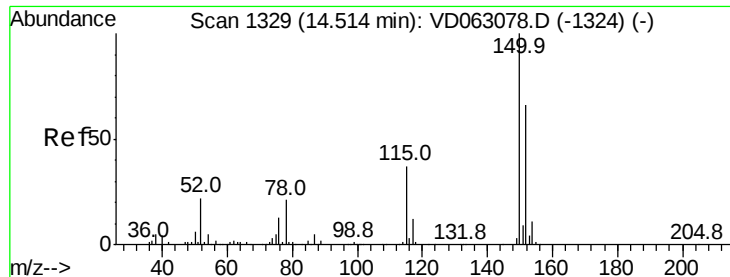


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



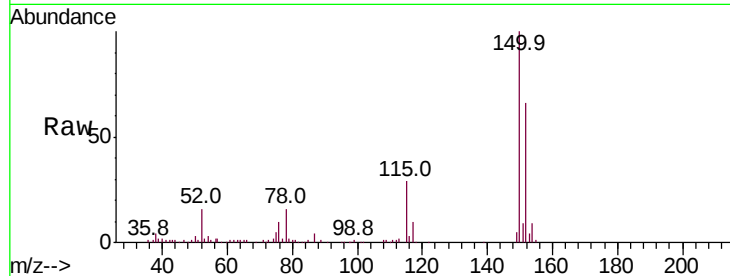


#72

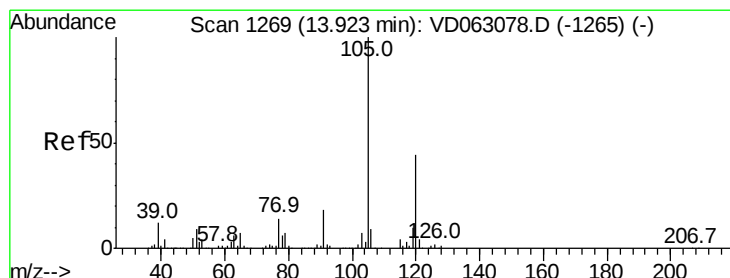
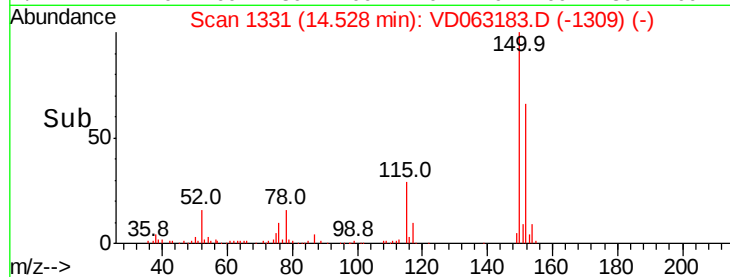
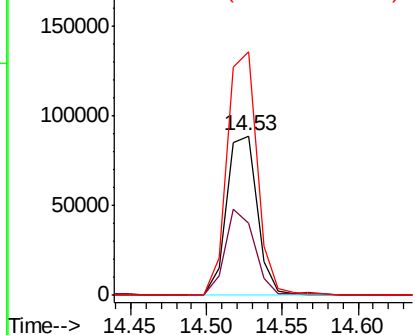
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063183.D
Acq: 22 Jul 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-02-005-B

Tot Ion:152 Resp: 125870
Ion Ratio Lower Upper
152 100
115 44.9 28.9 86.8
150 152.7 0.0 313.8



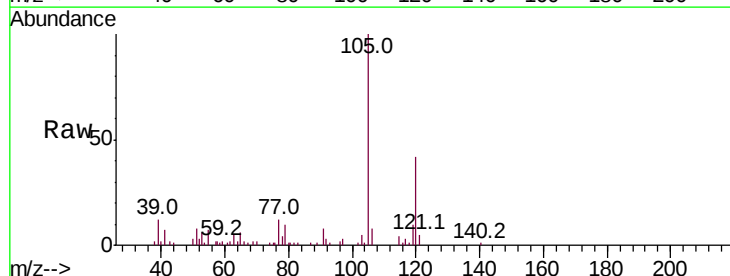
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene
Concen: 5.370 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VD063183.D
Acq: 22 Jul 2019 18:06

Tgt Ion:105 Resp: 45491
Ion Ratio Lower Upper
105 100
120 42.4 21.8 65.4



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

