

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062826.D
 Acq On : 21 Jun 2019 19:42
 Operator : VA/AP
 Sample : K3490-02
 Misc : 6.74g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-049

Quant Time: Jun 22 05:04:48 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

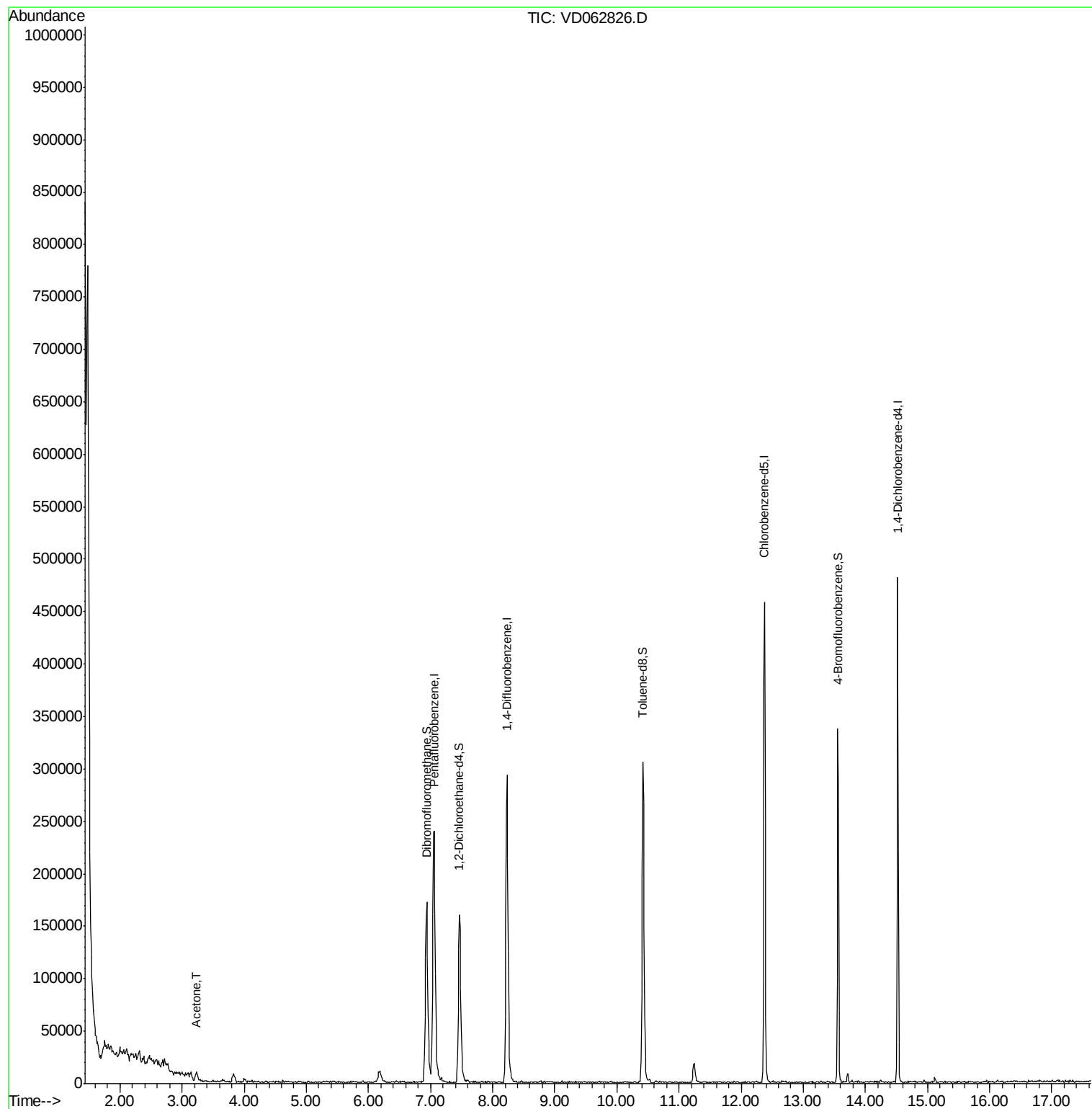
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	226600	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	297365	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	239505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	89946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	189067	76.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.52%	
35) Dibromofluoromethane	6.94	113	140881	56.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.38%	
50) Toluene-d8	10.42	98	227176	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	13.56	95	88541	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
Target Compounds						
16) Acetone	3.23	43	18252	30.396	ug/l #	Qvalue 83

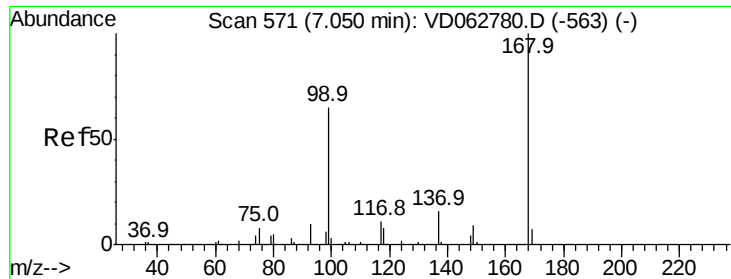
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

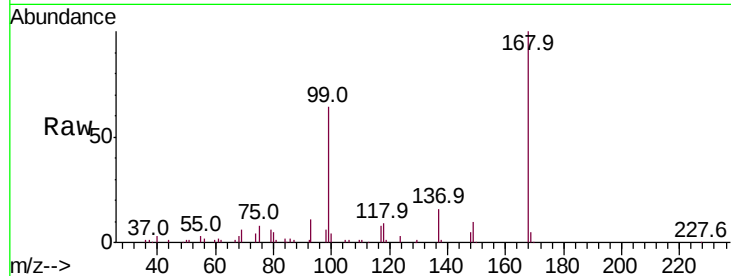
FK-PS-01-049

Tot Ion:168 Resp: 226600

Ion Ratio Lower Upper

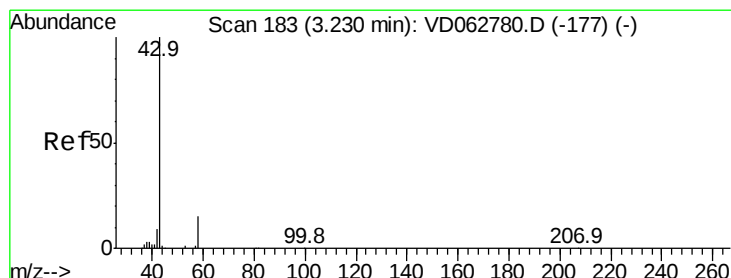
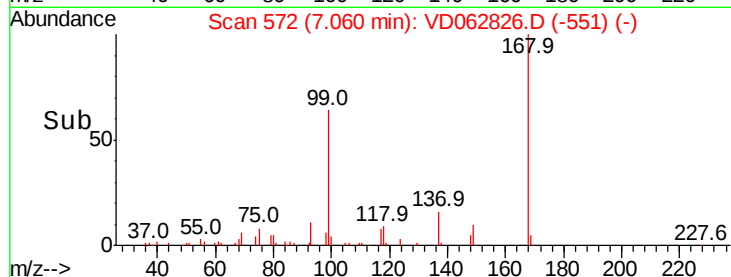
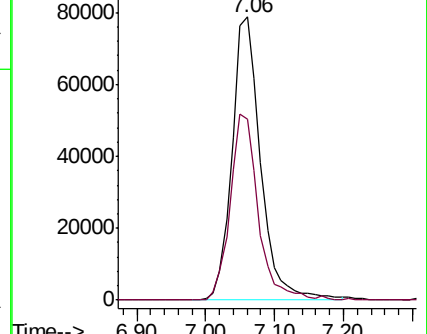
168 100

99 63.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 30.396 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062826.D

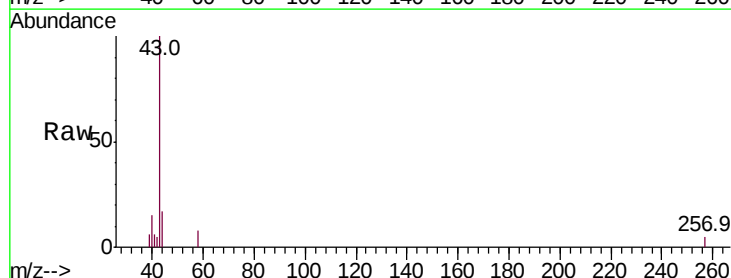
Acq: 21 Jun 2019 19:42

Tgt Ion: 43 Resp: 18252

Ion Ratio Lower Upper

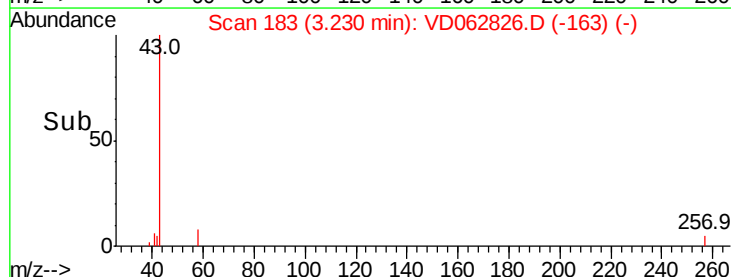
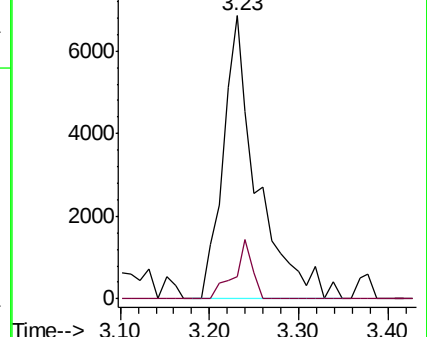
43 100

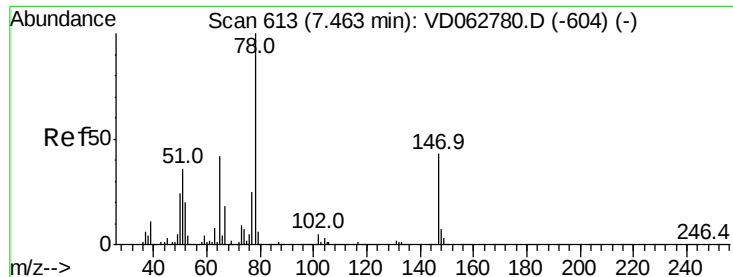
58 8.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 76.760 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

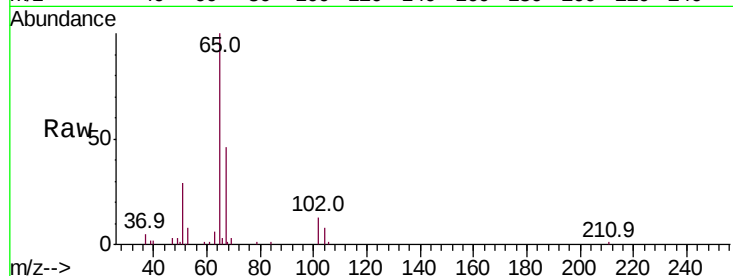
FK-PS-01-049

Tot Ion: 65 Resp: 189067

Ion Ratio Lower Upper

65 100

67 46.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

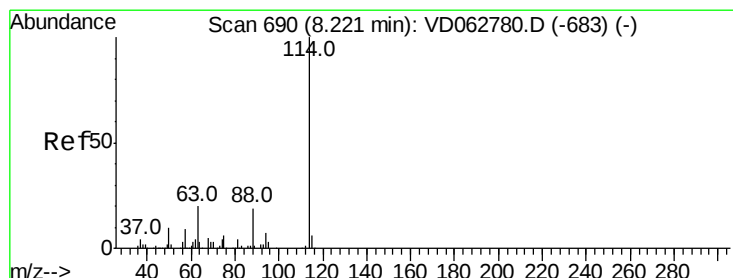
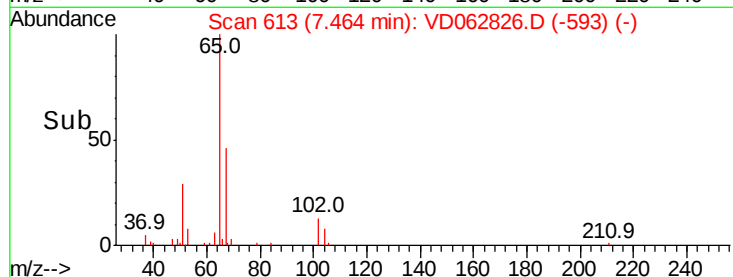
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

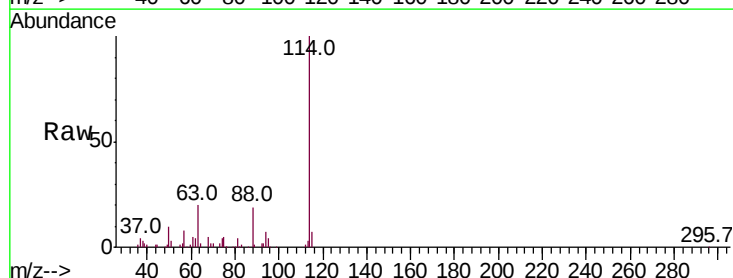
Tgt Ion: 114 Resp: 297365

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 19.0 0.0 38.8



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

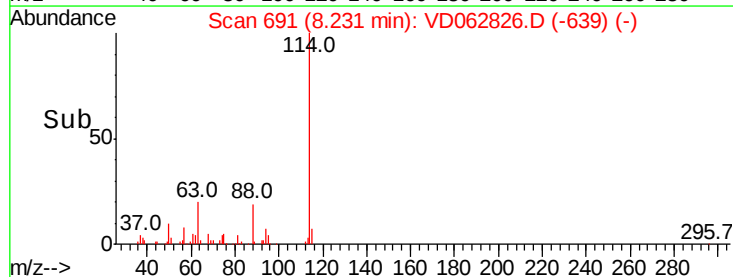
150000

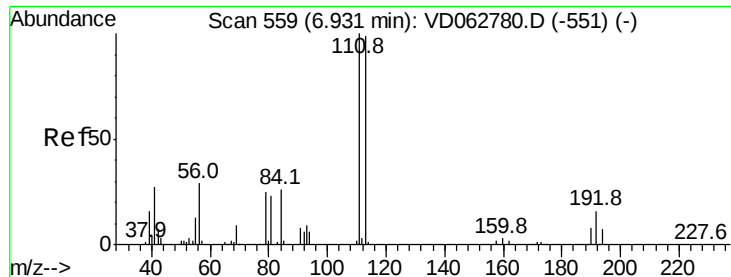
100000

50000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 56.187 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-049

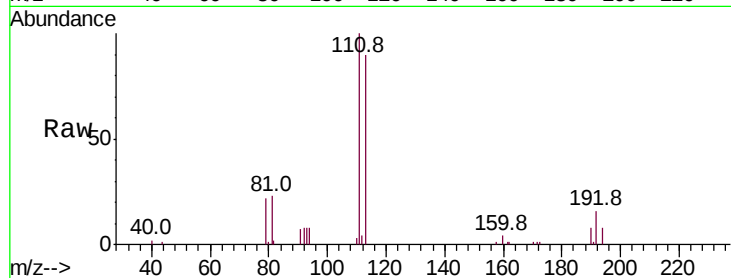
Tot Ion:113 Resp: 140881

Ion Ratio Lower Upper

113 100

111 111.1 81.2 121.8

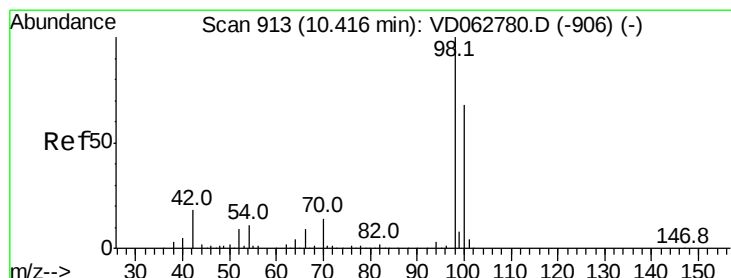
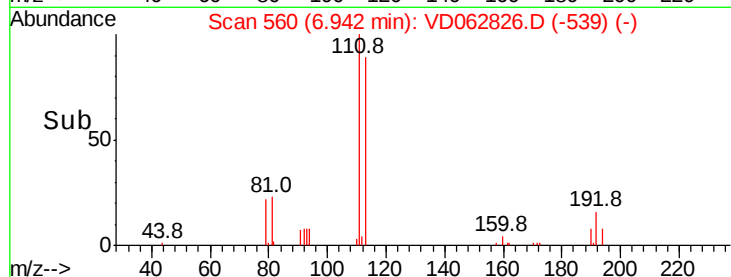
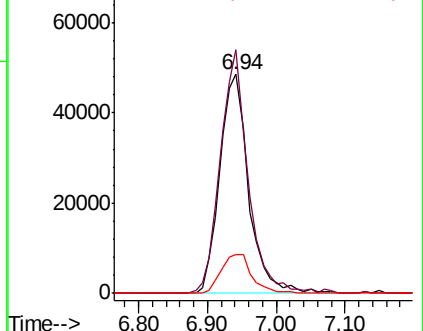
192 18.0 12.9 19.3



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: 41.629 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062826.D

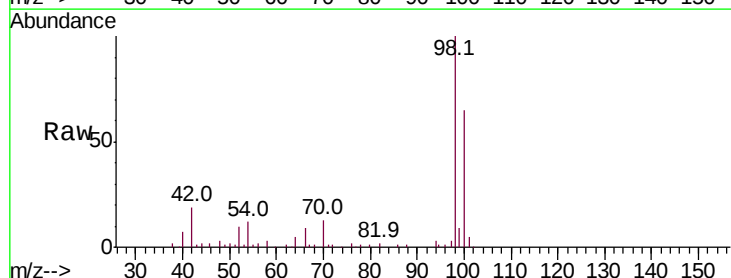
Acq: 21 Jun 2019 19:42

Tgt Ion: 98 Resp: 227176

Ion Ratio Lower Upper

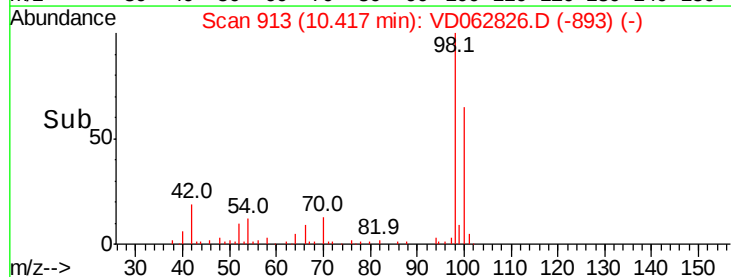
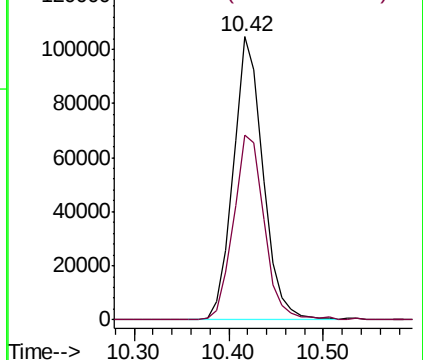
98 100

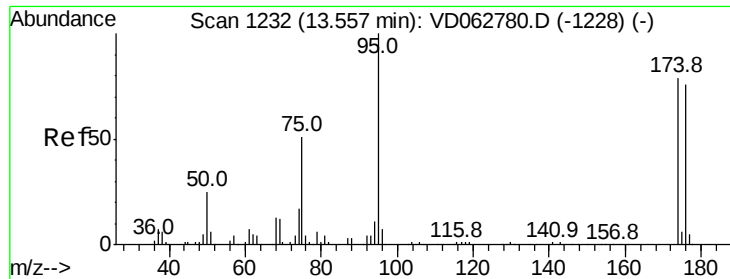
100 65.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 35.682 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-049

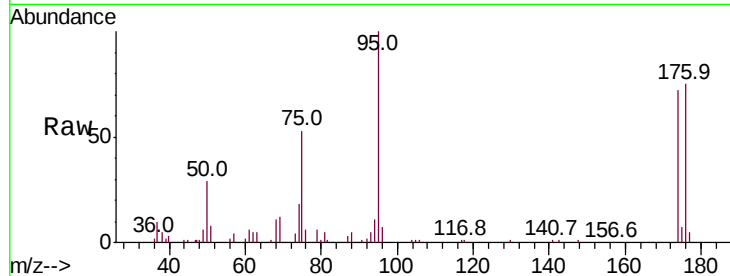
Tot Ion: 95 Resp: 88541

Ion Ratio Lower Upper

95 100

174 71.8 0.0 158.0

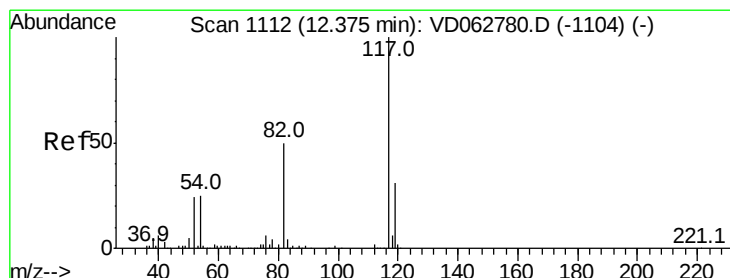
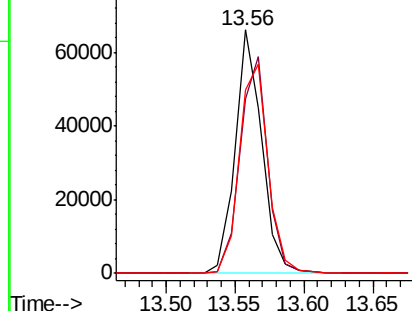
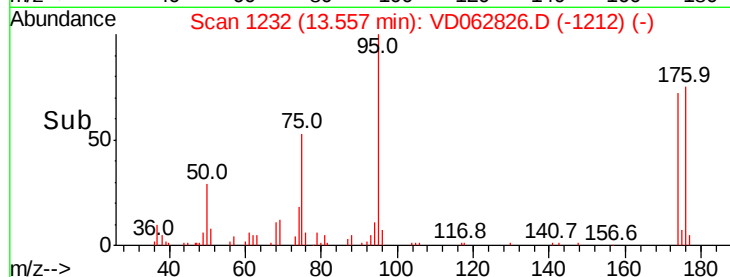
176 75.5 0.0 151.6



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: 12.38 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD062826.D

Acq: 21 Jun 2019 19:42

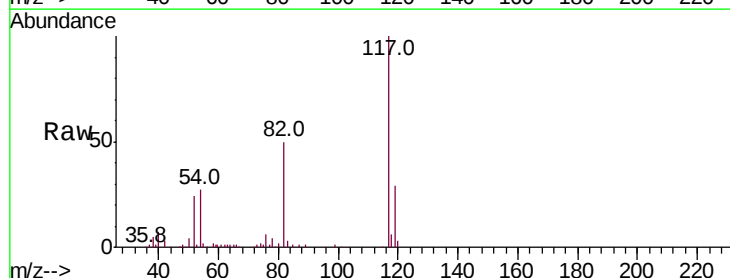
Tgt Ion: 117 Resp: 239505

Ion Ratio Lower Upper

117 100

82 50.0 40.4 60.6

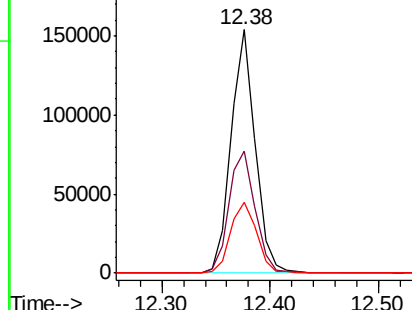
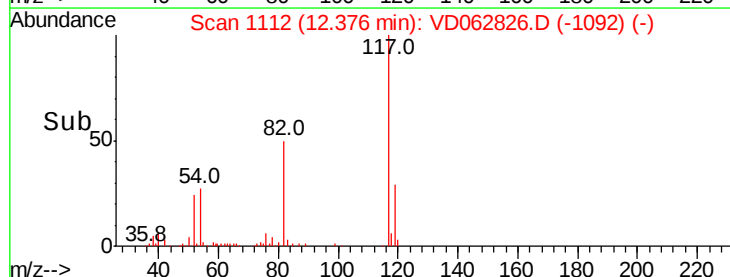
119 29.1 25.2 37.8

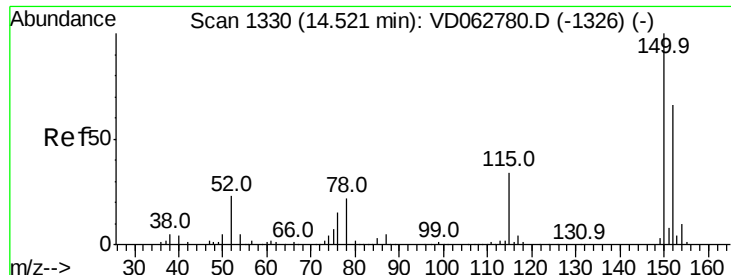


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

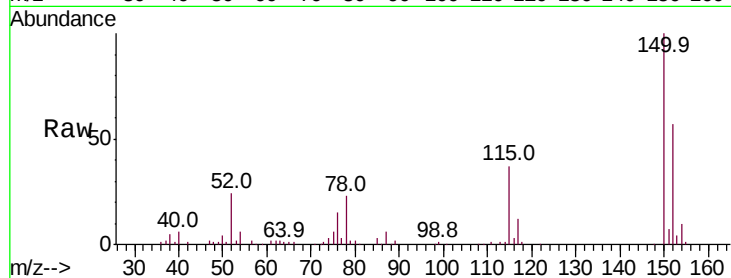




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062826.D
 Acq: 21 Jun 2019 19:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-049

Tot Ion:152 Resp: 89946
 Ion Ratio Lower Upper
 152 100
 115 64.3 29.2 87.6
 150 175.6 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

