

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062838.D
 Acq On : 24 Jun 2019 14:15
 Operator : VA/AP
 Sample : K3490-02RE
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 25 05:27:41 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

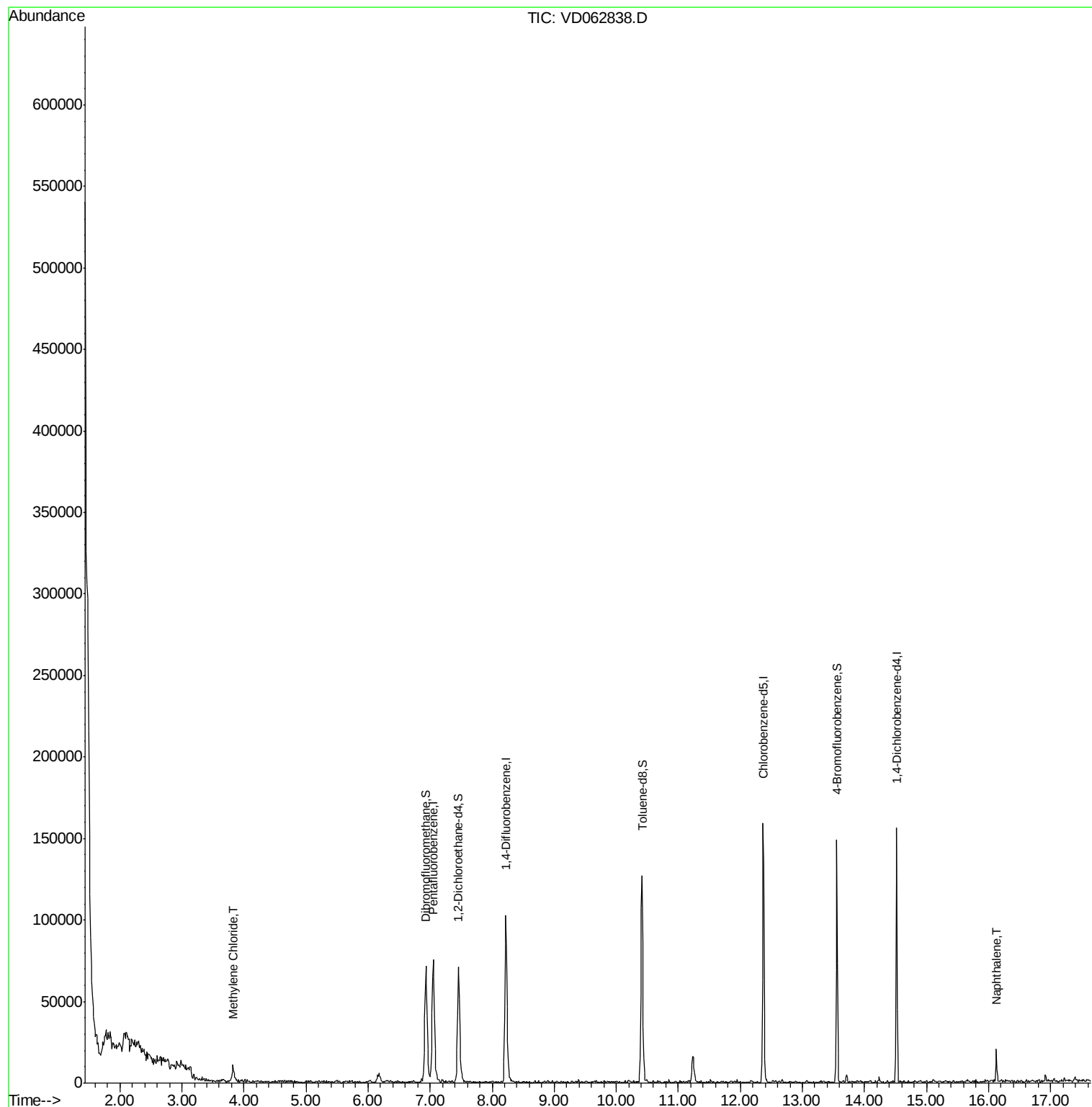
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	71486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	107575	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	80048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	32568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	79308	102.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	204.12%	
35) Dibromofluoromethane	6.93	113	57968	63.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.82%	
50) Toluene-d8	10.42	98	98461	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	13.56	95	35114	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
20) Methylene Chloride	3.82	84	5178	8.738	ug/l #	68
95) Naphthalene	16.13	128	13338	14.142	ug/l #	95

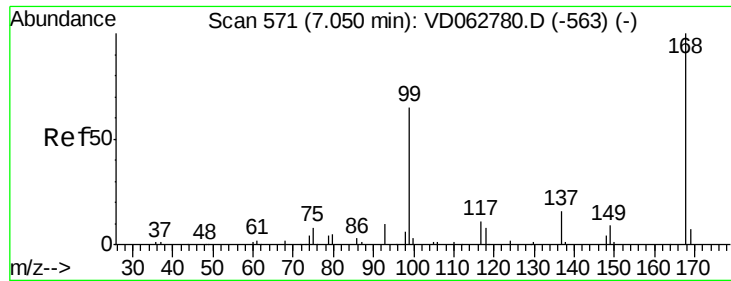
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

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MSVOA_D

ClientSampleId :

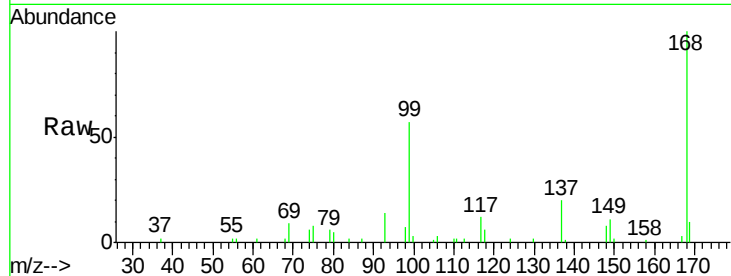
FK-PS-01-049RE

Tot Ion:168 Resp: 71486

Ion Ratio Lower Upper

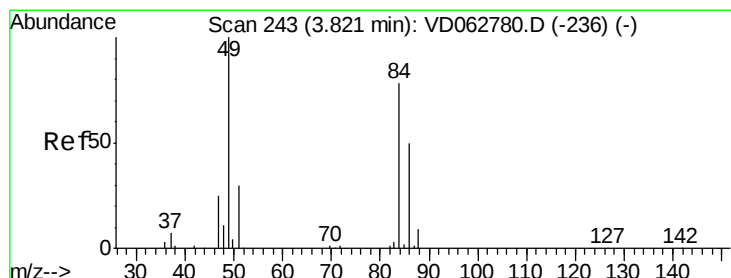
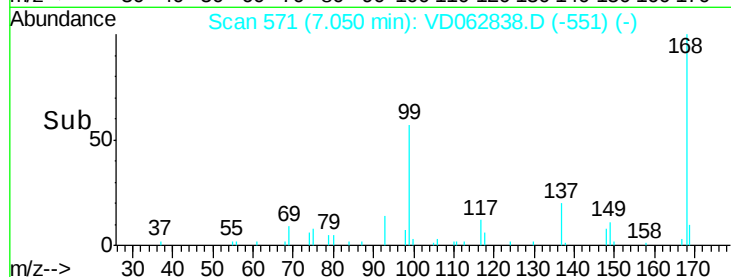
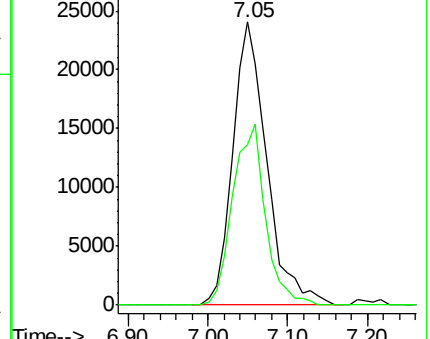
168 100

99 56.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 8.738 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

Tgt Ion: 84 Resp: 5178

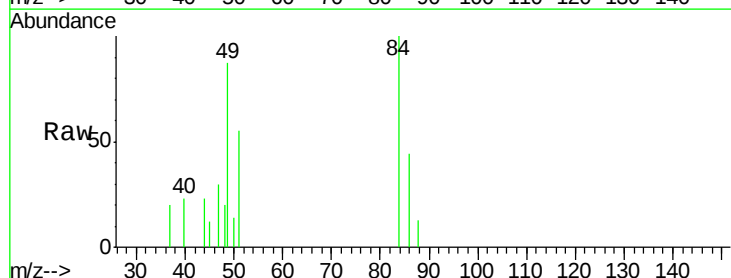
Ion Ratio Lower Upper

84 100

49 86.6 102.9 154.3#

51 54.7 31.2 46.8#

86 43.9 51.4 77.2#

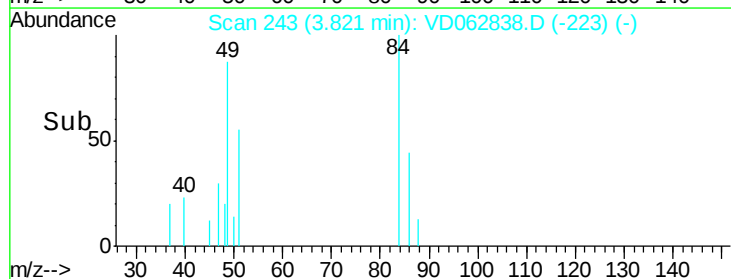
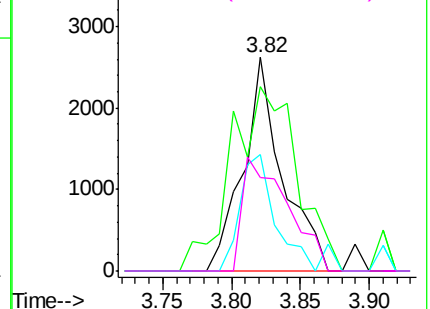


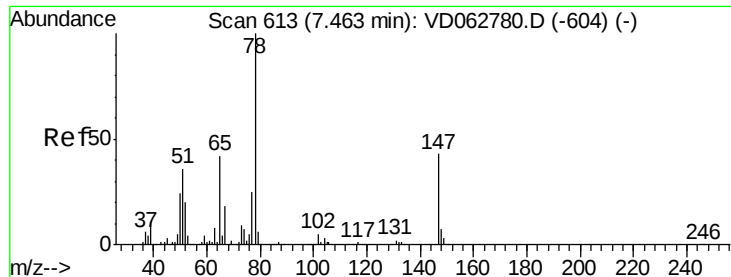
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 102.064 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

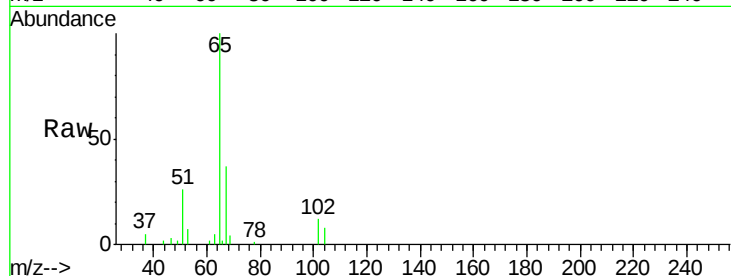
FK-PS-01-049RE

Tot Ion: 65 Resp: 79308

Ion Ratio Lower Upper

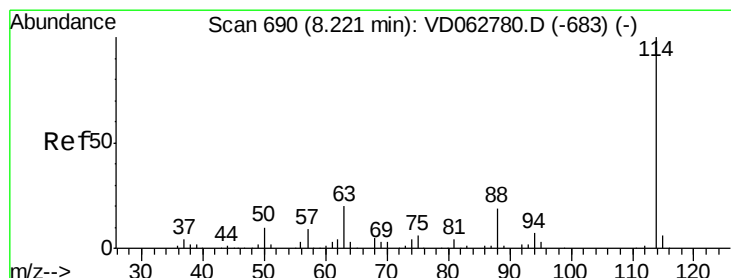
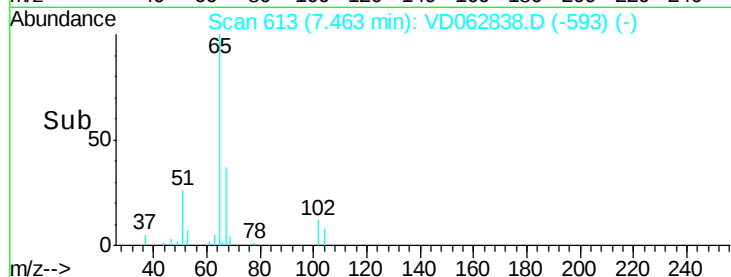
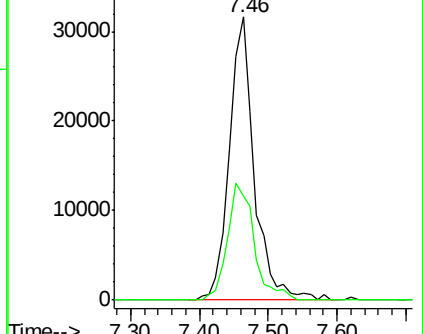
65 100

67 36.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

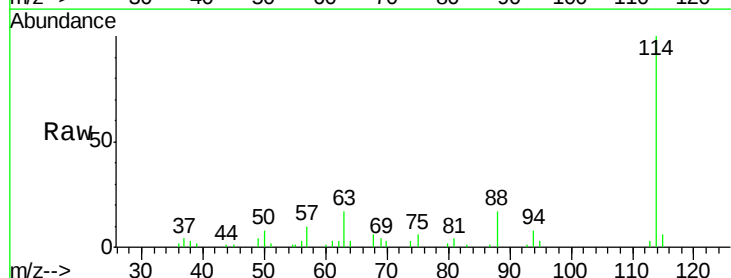
Tgt Ion: 114 Resp: 107575

Ion Ratio Lower Upper

114 100

63 16.8 0.0 40.0

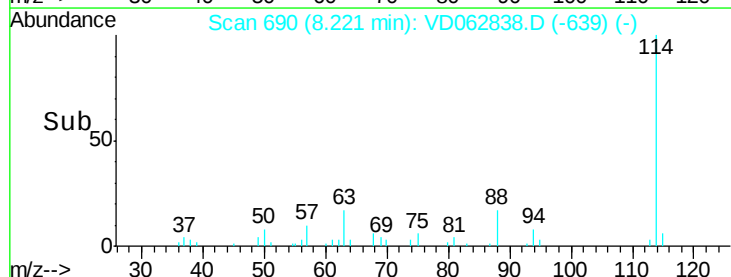
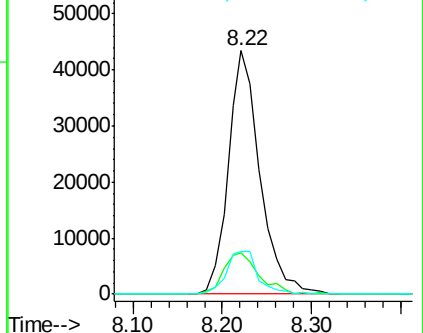
88 17.4 0.0 38.8

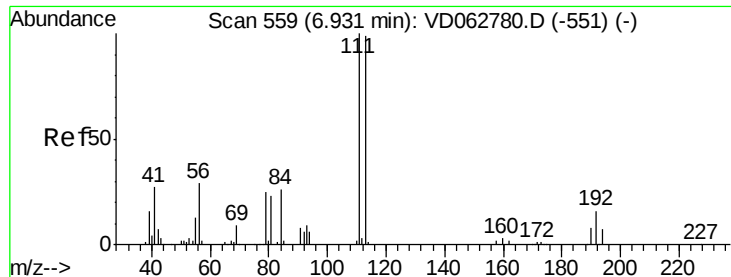


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 63.907 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-049RE

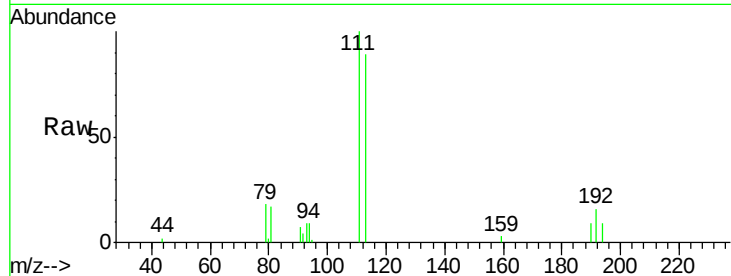
Tot Ion:113 Resp: 57968

Ion Ratio Lower Upper

113 100

111 112.1 81.2 121.8

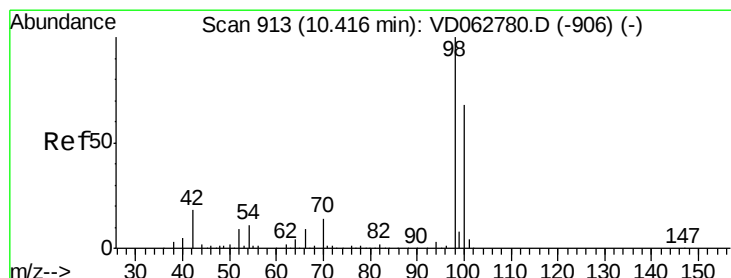
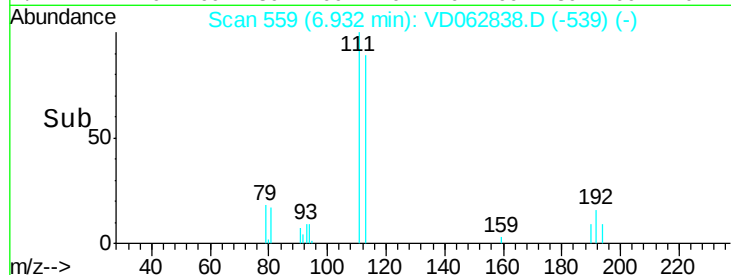
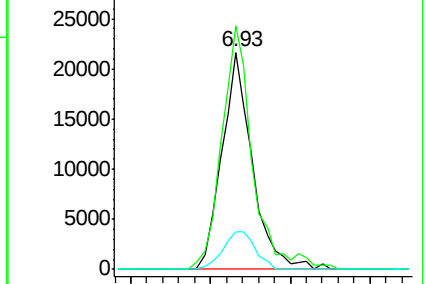
192 17.5 12.9 19.3



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: 49.874 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062838.D

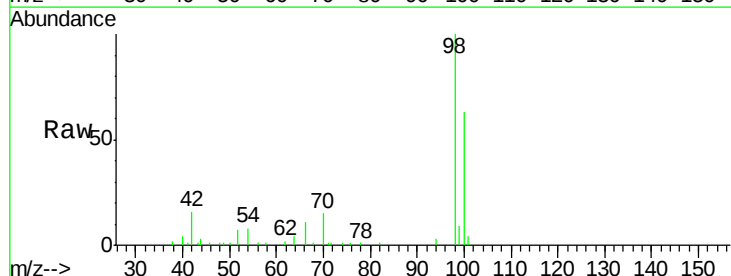
Acq: 24 Jun 2019 14:15

Tgt Ion: 98 Resp: 98461

Ion Ratio Lower Upper

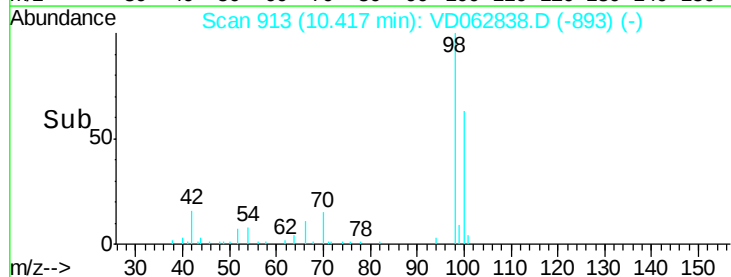
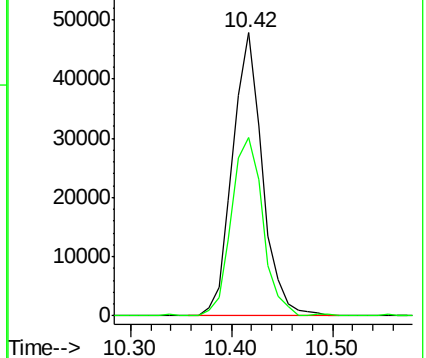
98 100

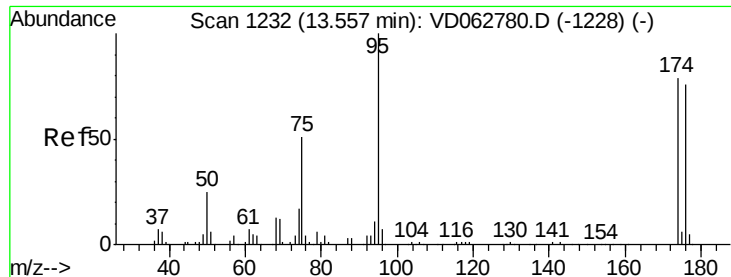
100 63.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

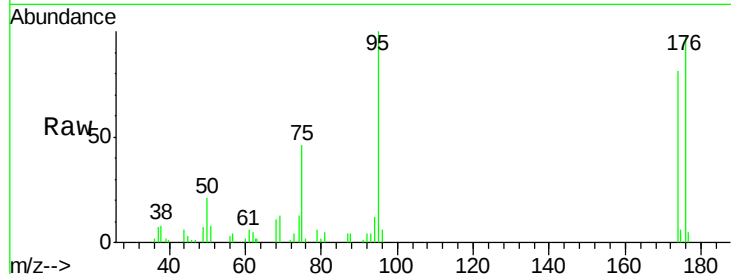




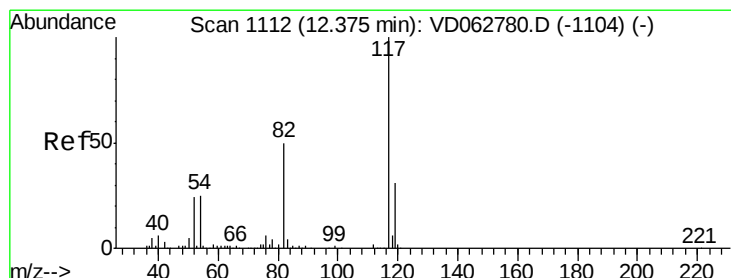
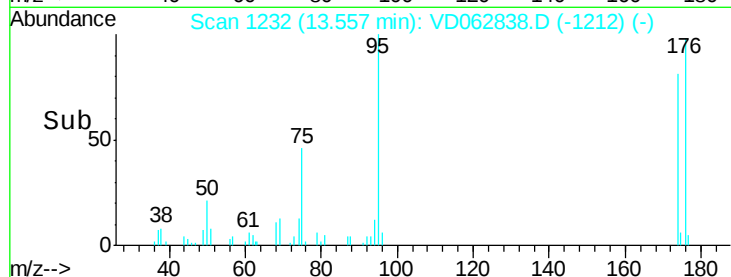
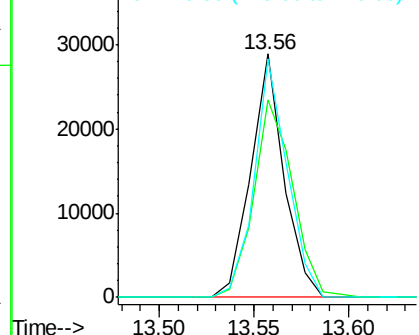
#62
 4-Bromofluorobenzene
 Concen: 39.116 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062838.D
 Acq: 24 Jun 2019 14:15

Instrument :
 MSVOA_D
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 FK-PS-01-049RE

Tot Ion: 95 Resp: 35114
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 158.0
 176 98.1 0.0 151.6

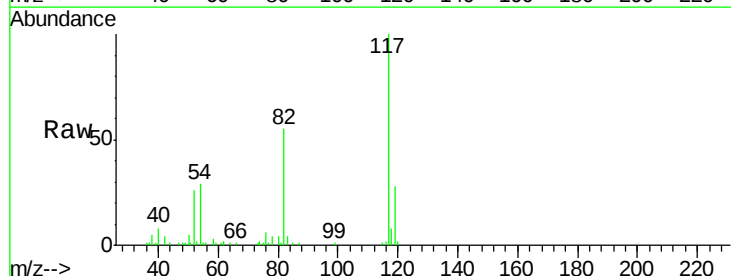


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

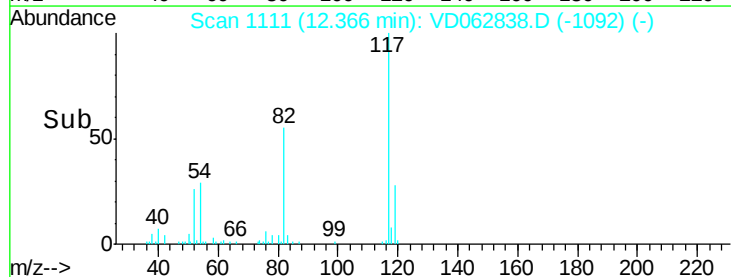
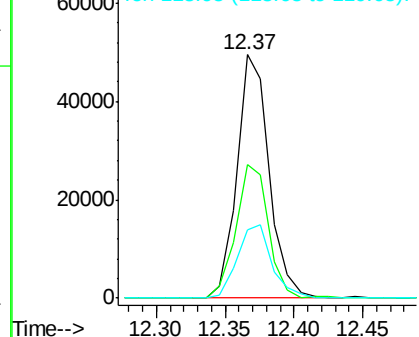


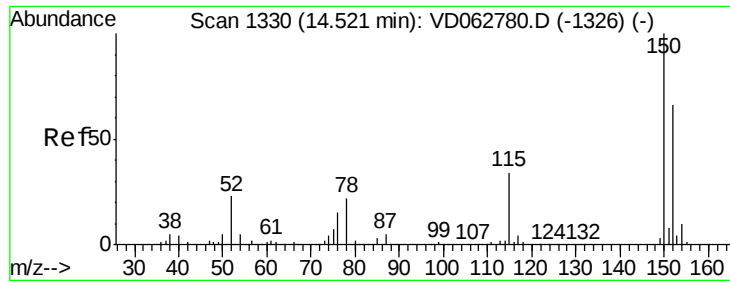
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD062838.D
 Acq: 24 Jun 2019 14:15

Tgt Ion: 117 Resp: 80048
 Ion Ratio Lower Upper
 117 100
 82 54.9 40.4 60.6
 119 28.1 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: VD062838.D

Acq: 24 Jun 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-049RE

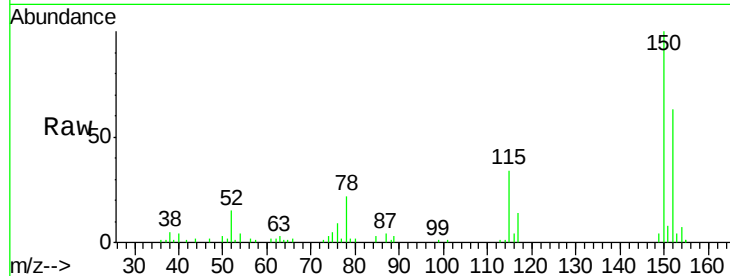
Tot Ion:152 Resp: 32568

Ion Ratio Lower Upper

152 100

115 54.7 29.2 87.6

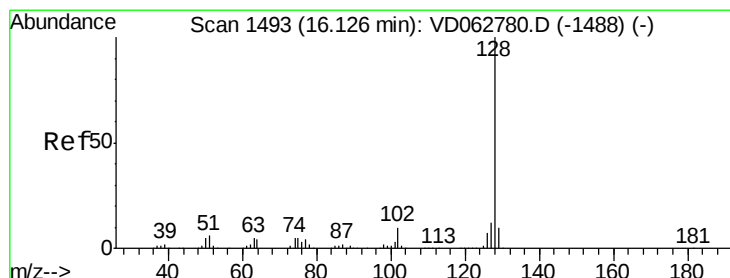
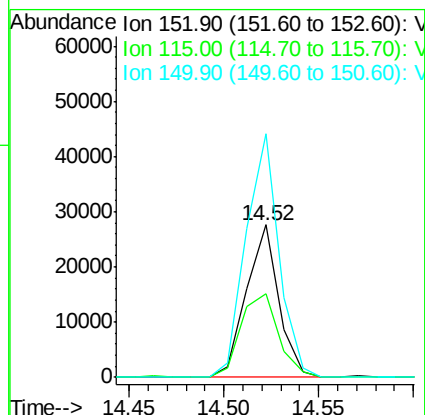
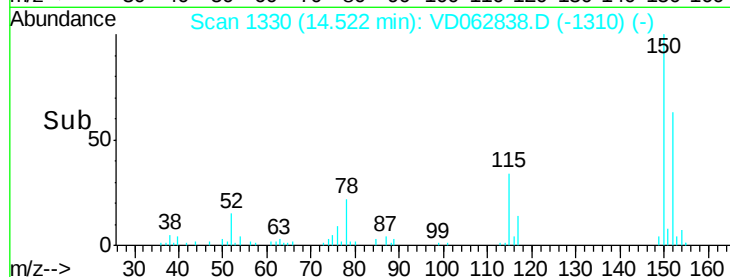
150 159.9 0.0 305.8



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



#95

Naphthalene

Concen: 14.142 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062838.D

Acq: 24 Jun 2019 14:15

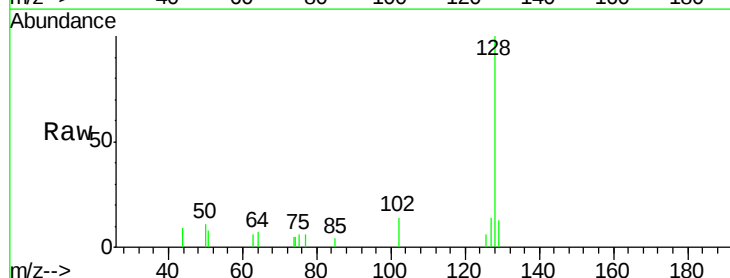
Tgt Ion:128 Resp: 13338

Ion Ratio Lower Upper

128 100

127 13.8 9.7 14.5

129 12.6 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

