

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062839.D
 Acq On : 24 Jun 2019 14:43
 Operator : VA/AP
 Sample : K3487-02RE
 Misc : 6.27g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-048RE

Quant Time: Jun 25 05:29:45 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

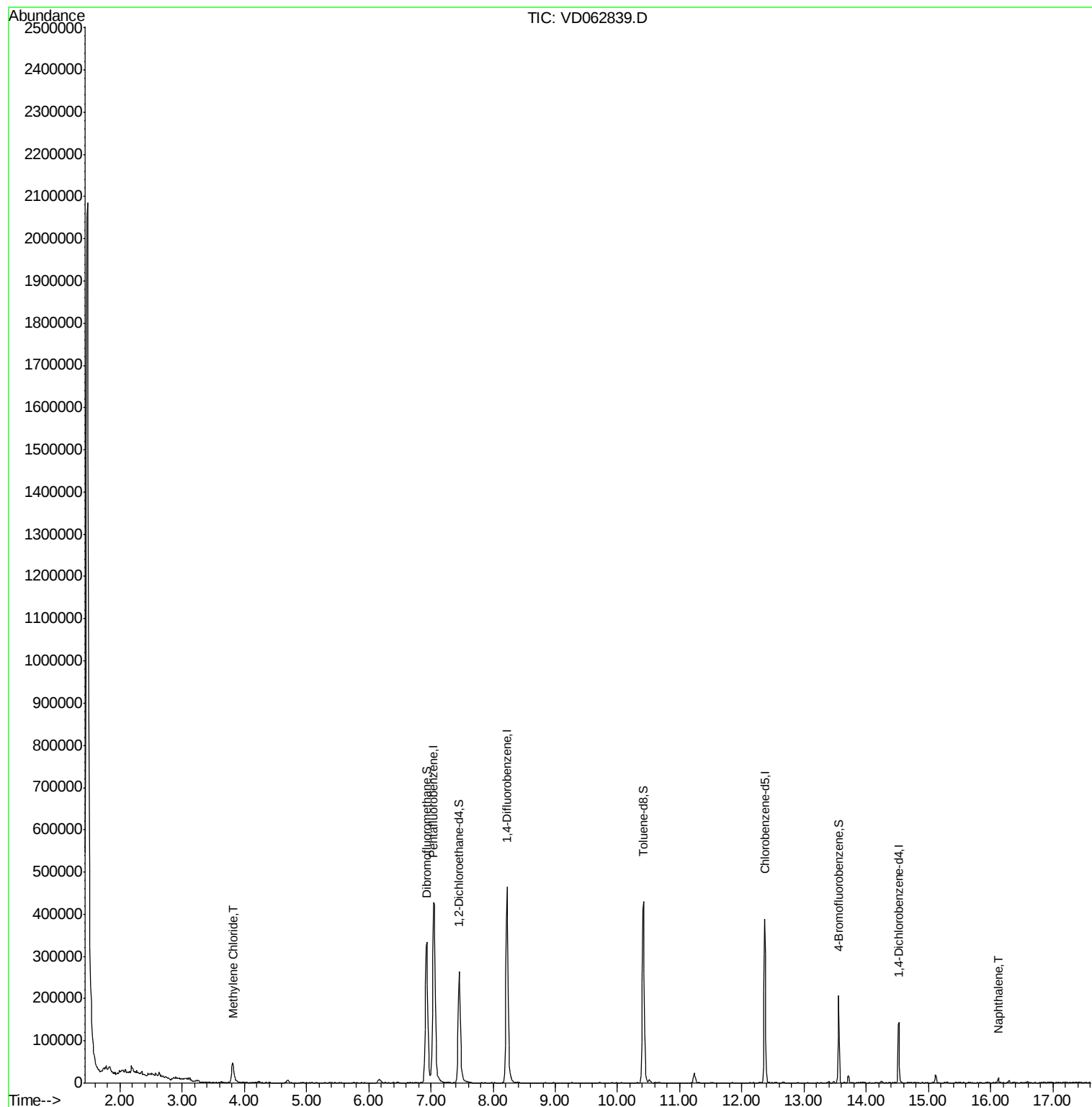
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	429549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	496713	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	215517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	34962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	308418	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.10%	
35) Dibromofluoromethane	6.93	113	291314	69.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.10%	
50) Toluene-d8	10.42	98	345094	37.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.72%	
62) 4-Bromofluorobenzene	13.56	95	49400	11.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.84%	
Target Compounds						
20) Methylene Chloride	3.81	84	31210	8.765	ug/l	91
95) Naphthalene	16.13	128	8787	8.679	ug/l #	97

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

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Quant Title : SW846 8260
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: VD062839.D

Acq: 24 Jun 2019 14:43

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MSVOA_D

ClientSampleId :

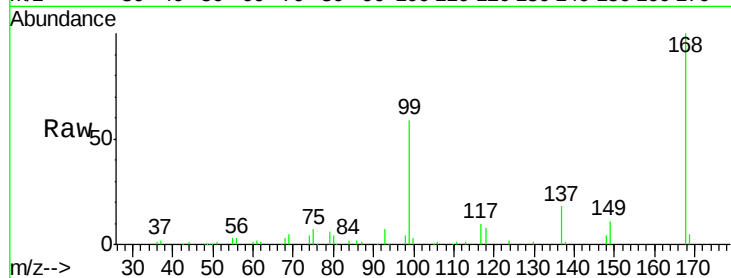
FK-PS-01-048RE

Tot Ion:168 Resp: 429549

Ion Ratio Lower Upper

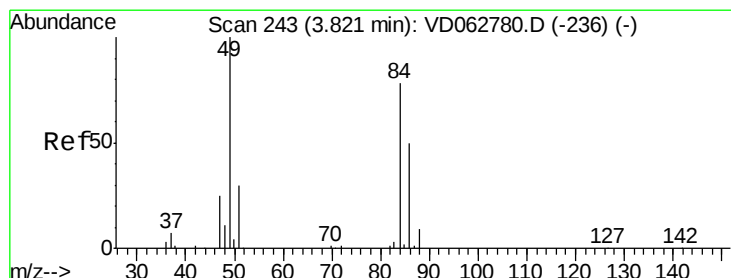
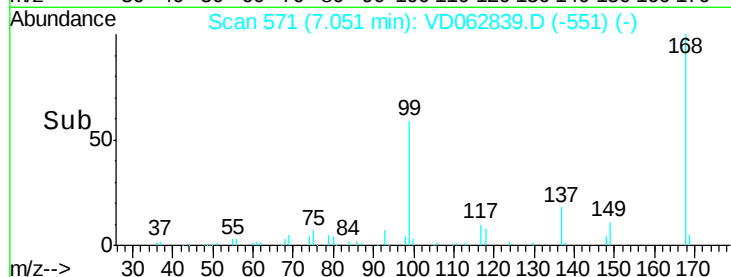
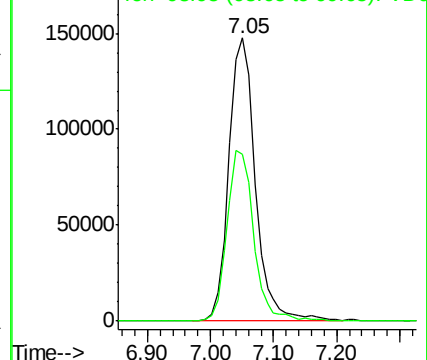
168 100

99 58.8 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: 8.765 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062839.D

Acq: 24 Jun 2019 14:43

Tgt Ion: 84 Resp: 31210

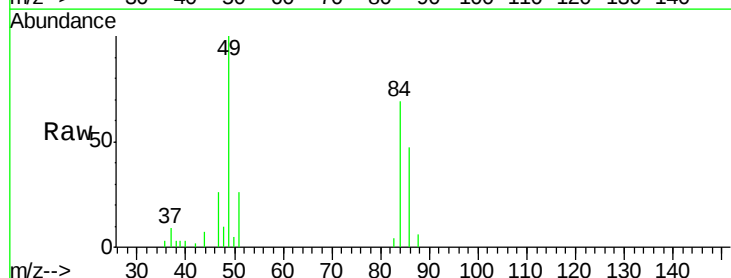
Ion Ratio Lower Upper

84 100

49 145.3 102.9 154.3

51 37.9 31.2 46.8

86 67.6 51.4 77.2

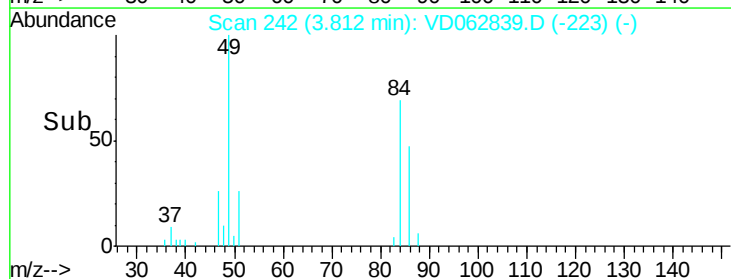
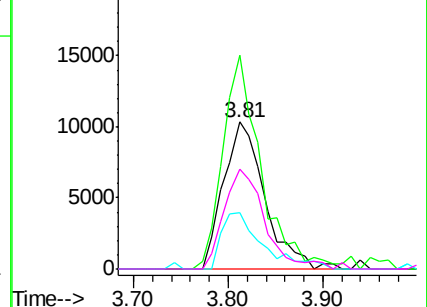


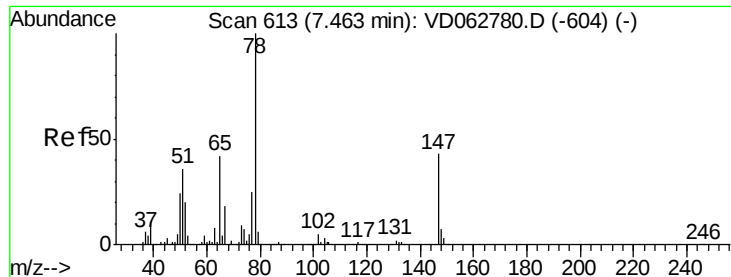
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

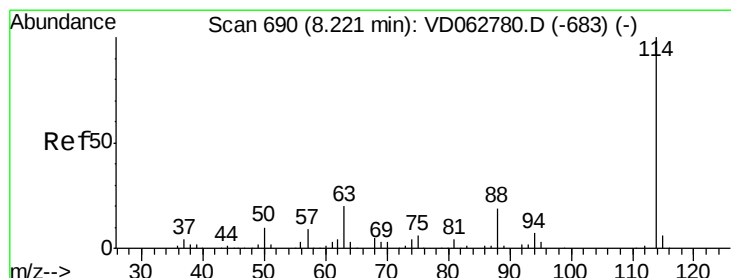
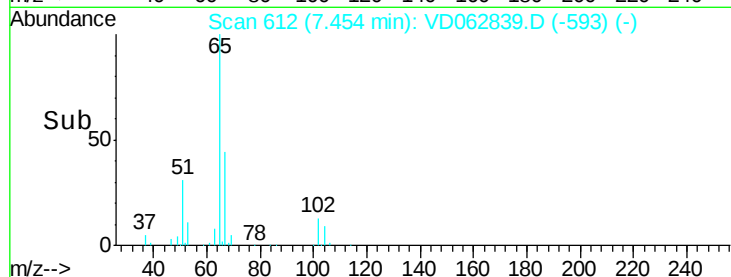
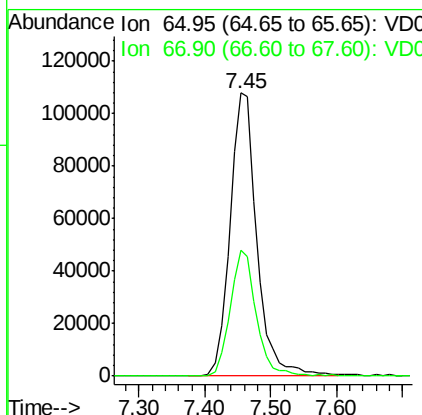
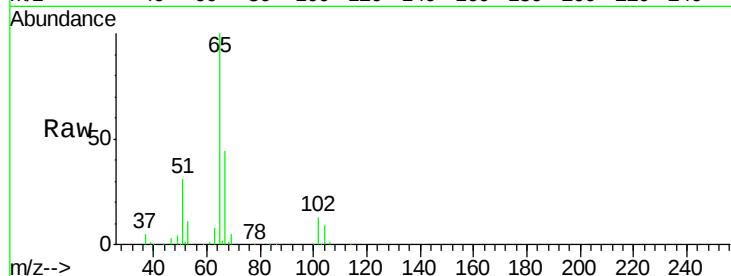




#33
 1,2-Dichloroethane-d4
 Concen: 66.055 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062839.D
 Acq: 24 Jun 2019 14:43

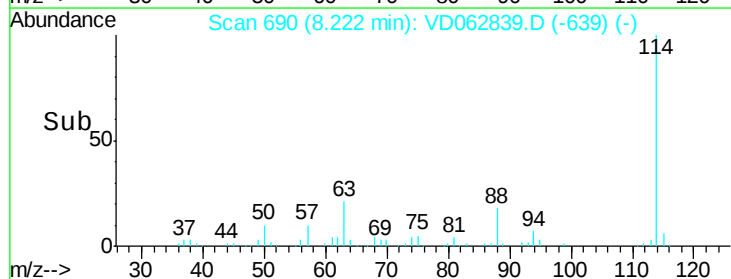
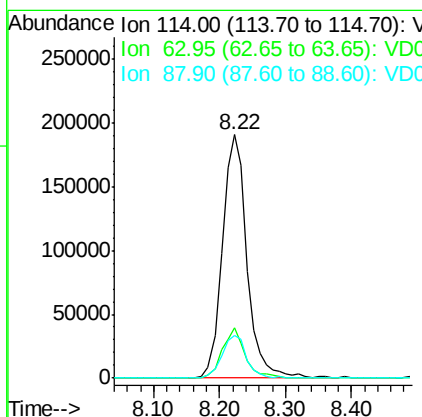
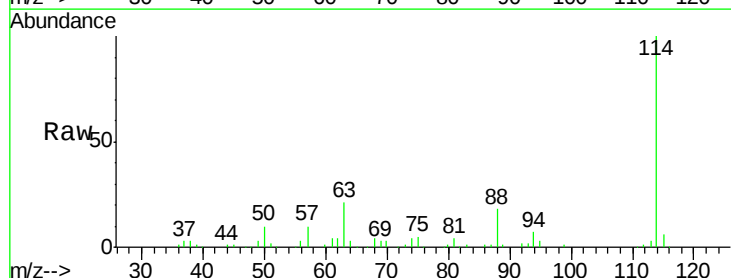
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-048RE

Tot Ion: 65 Resp: 308418
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062839.D
 Acq: 24 Jun 2019 14:43

Tgt Ion: 114 Resp: 496713
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 17.7 0.0 38.8





#35

Dibromofluoromethane

Concen: 69.555 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062839.D

Acq: 24 Jun 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-048RE

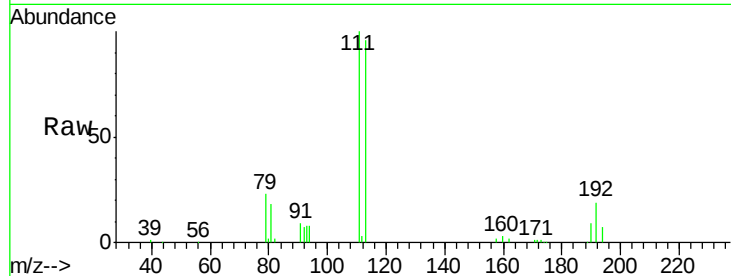
Tot Ion:113 Resp: 291314

Ion Ratio Lower Upper

113 100

111 104.2 81.2 121.8

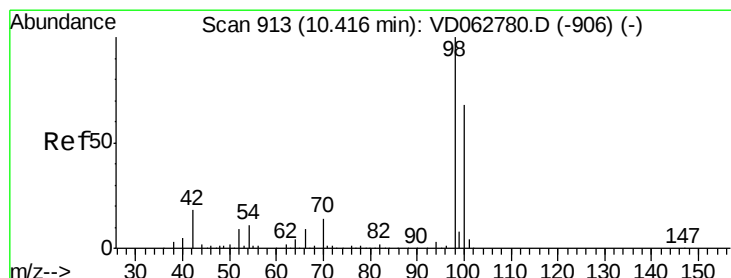
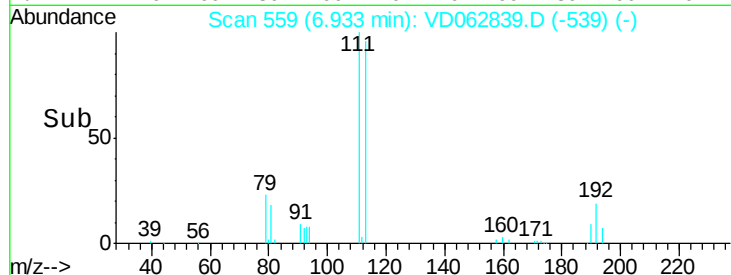
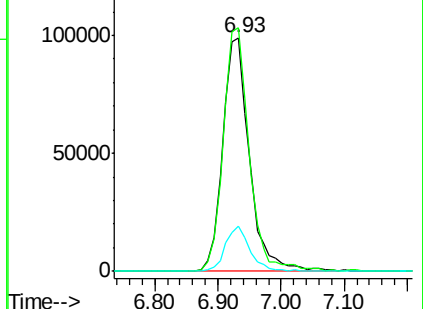
192 19.5 12.9 19.3#



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: 37.858 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062839.D

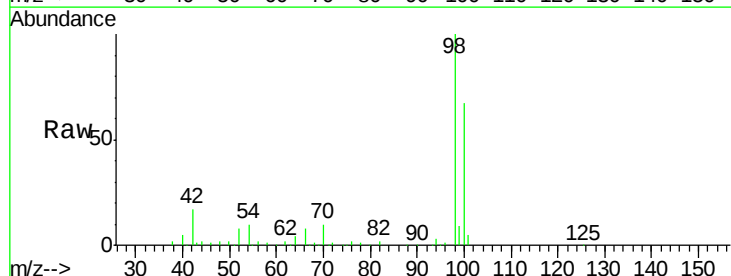
Acq: 24 Jun 2019 14:43

Tgt Ion: 98 Resp: 345094

Ion Ratio Lower Upper

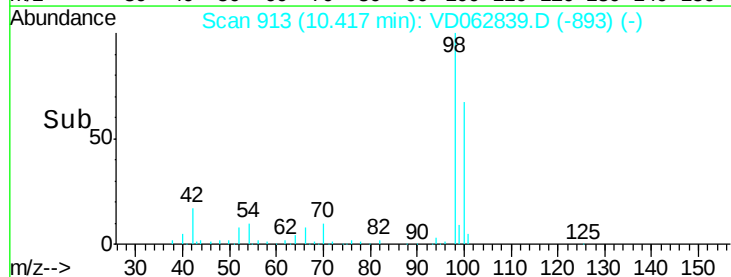
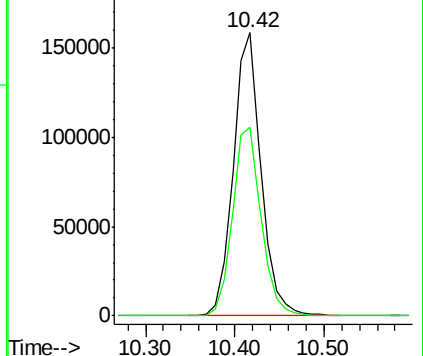
98 100

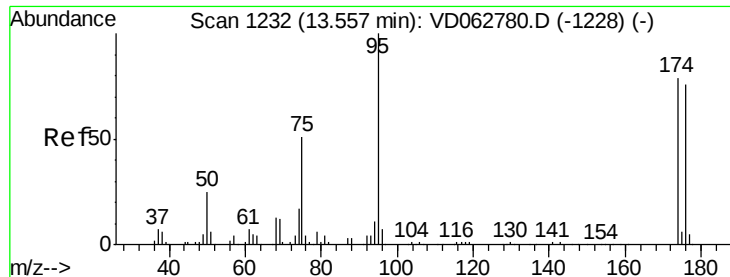
100 66.6 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

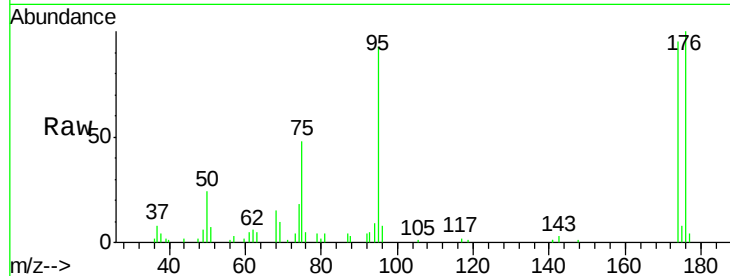




#62
4-Bromofluorobenzene
Concen: 11.918 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062839.D
Acq: 24 Jun 2019 14:43

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-048RE

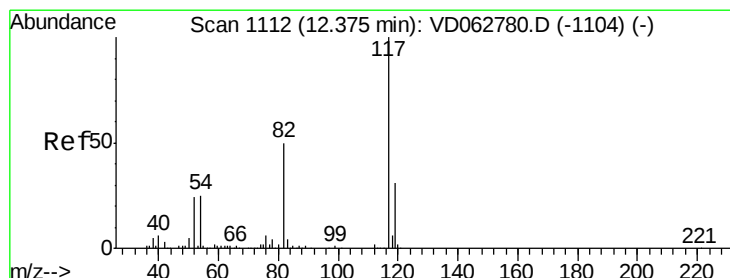
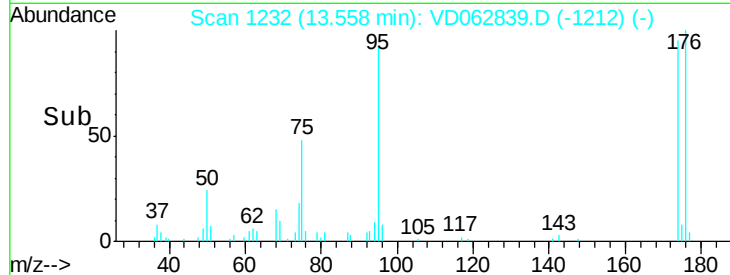
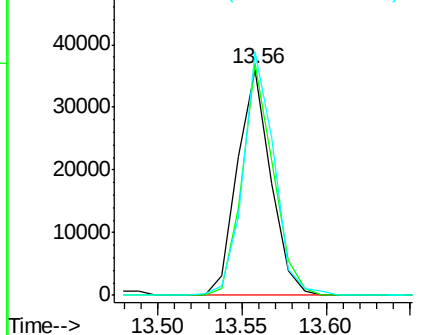
Tot Ion	Ratio	Lower	Upper
95	100		
174	102.6	0.0	158.0
176	107.8	0.0	151.6



Abundance Ion 95.00 (94.70 to 95.70): V

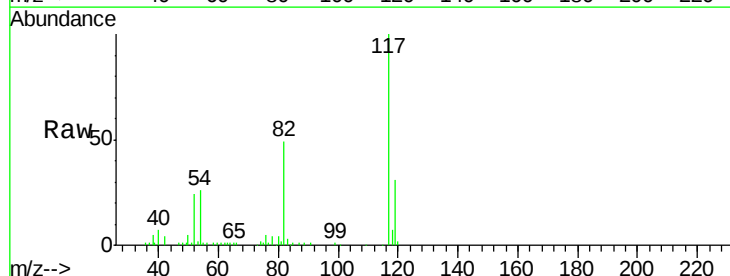
Ion 173.90 (173.60 to 174.60): V

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: VD062839.D
Acq: 24 Jun 2019 14:43

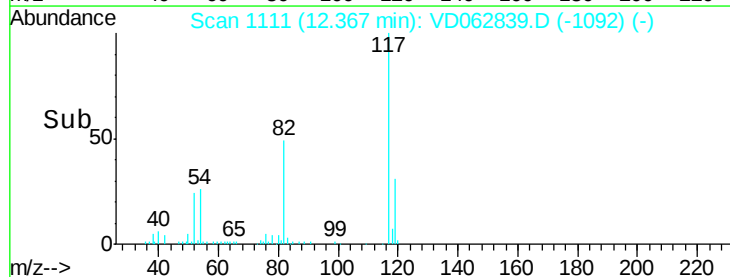
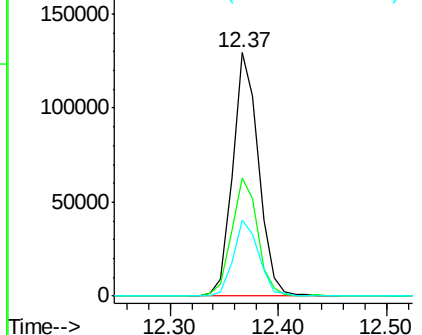
Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.6	40.4	60.6
119	31.2	25.2	37.8

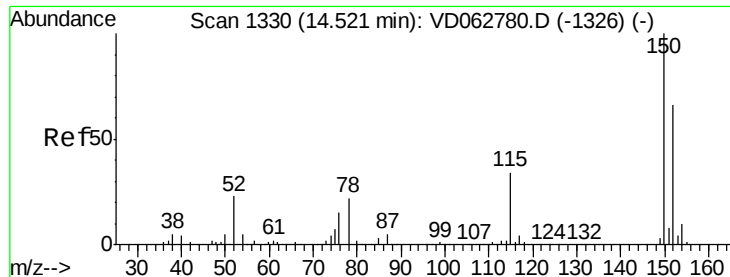


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062839.D

Acq: 24 Jun 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-048RE

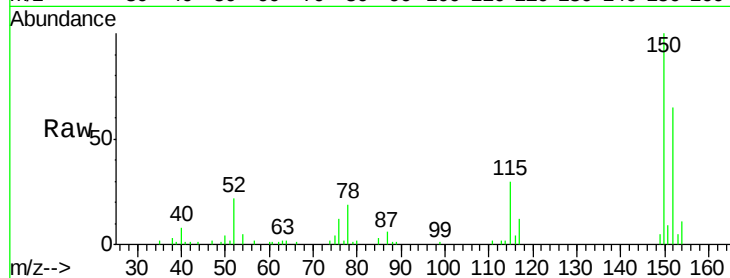
Tot Ion:152 Resp: 34962

Ion Ratio Lower Upper

152 100

115 45.4 29.2 87.6

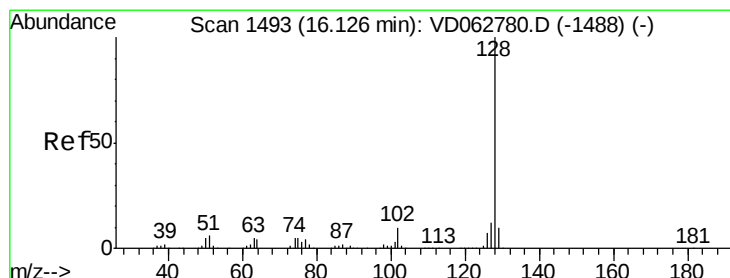
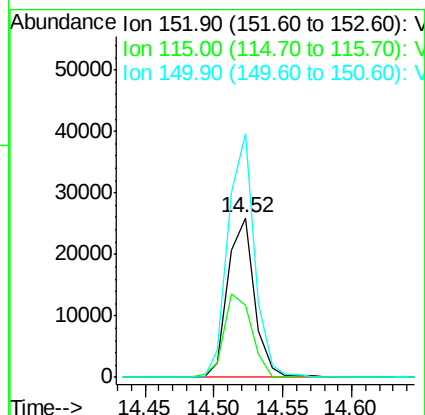
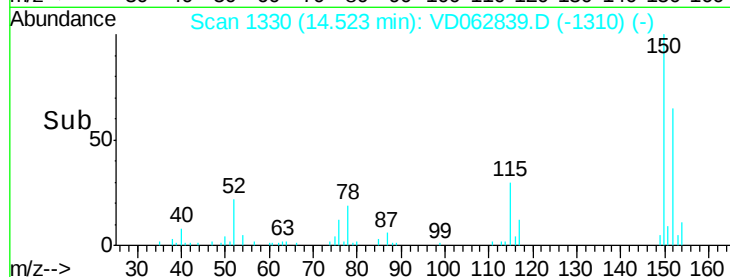
150 153.0 0.0 305.8



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: 8.679 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062839.D

Acq: 24 Jun 2019 14:43

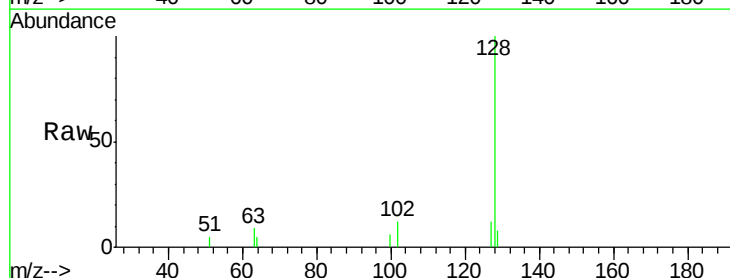
Tgt Ion:128 Resp: 8787

Ion Ratio Lower Upper

128 100

127 12.2 9.7 14.5

129 7.9 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

