

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062911.D
 Acq On : 26 Jun 2019 12:21
 Operator : VA/AP
 Sample : K3534-02
 Misc : 3.22g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-050

Quant Time: Jun 27 09:13:55 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

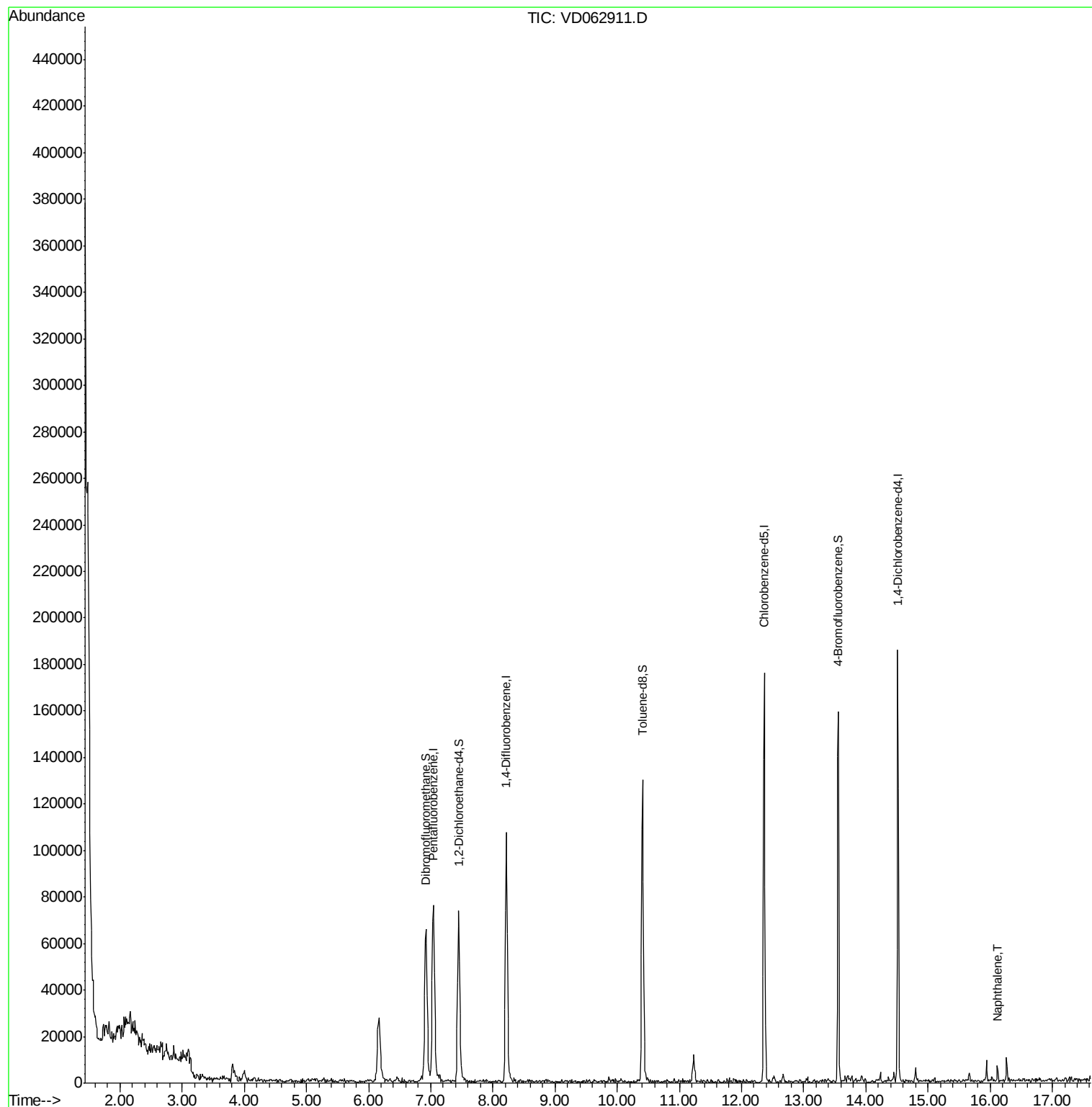
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	79718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	111932	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	92609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	40648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	84353	97.35	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	194.70%	
35) Dibromofluoromethane	6.92	113	57881	61.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.66%	
50) Toluene-d8	10.41	98	100617	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	13.56	95	47744	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
95) Naphthalene	16.12	128	4488	3.813	ug/l #	Qvalue 93

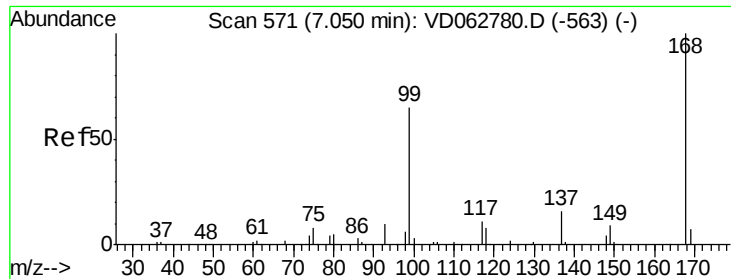
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062911.D

Acq: 26 Jun 2019 12:21

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MSVOA_D

ClientSampleId :

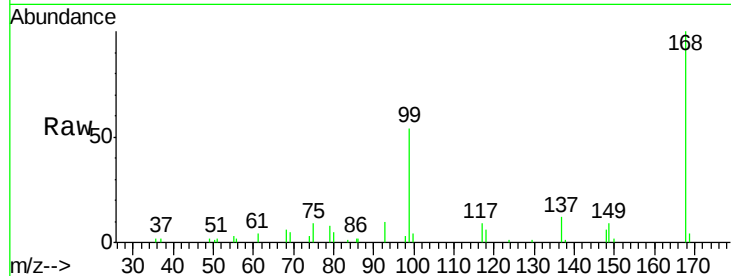
FK-PS-01-050

Tot Ion:168 Resp: 79718

Ion Ratio Lower Upper

168 100

99 54.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

30000

25000

20000

15000

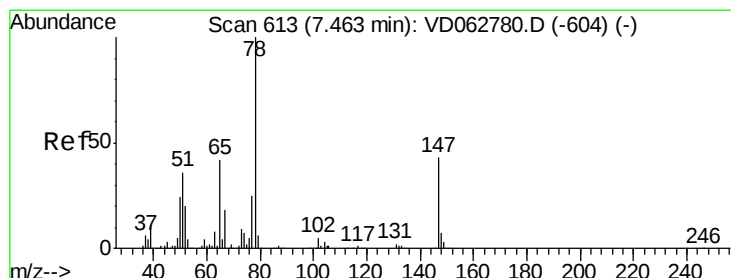
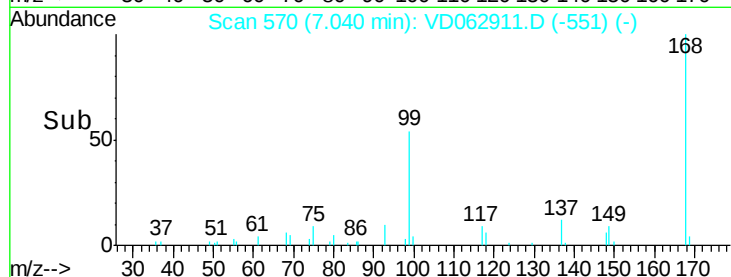
10000

5000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 97.347 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062911.D

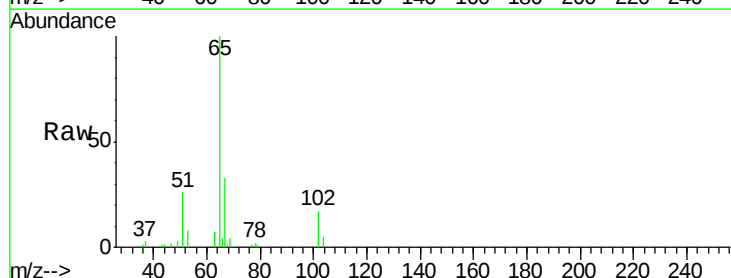
Acq: 26 Jun 2019 12:21

Tgt Ion: 65 Resp: 84353

Ion Ratio Lower Upper

65 100

67 33.4 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

30000

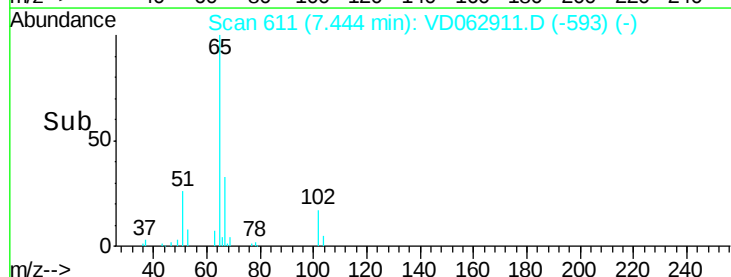
20000

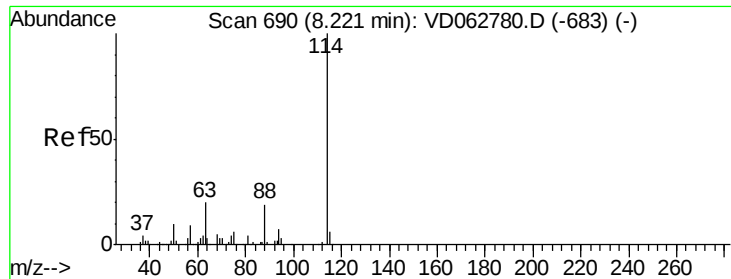
10000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062911.D

Acq: 26 Jun 2019 12:21

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-050

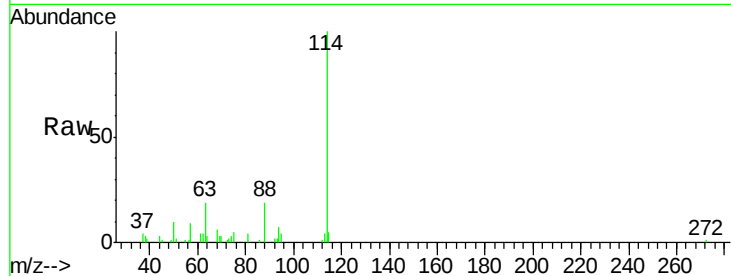
Tot Ion:114 Resp: 111932

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

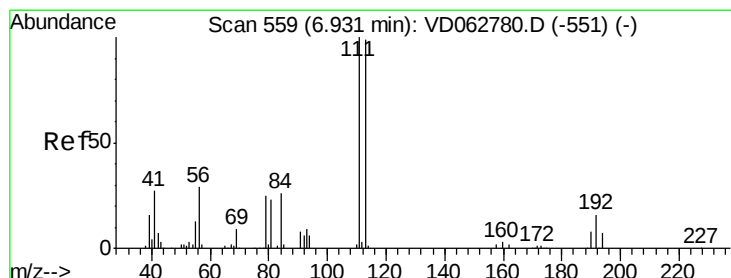
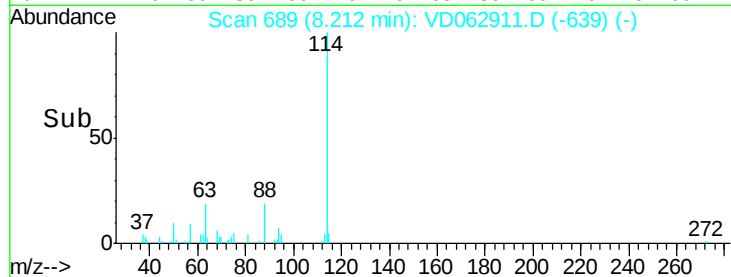
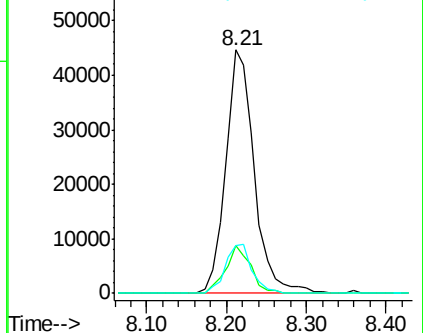
88 19.4 0.0 38.8



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: 61.327 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062911.D

Acq: 26 Jun 2019 12:21

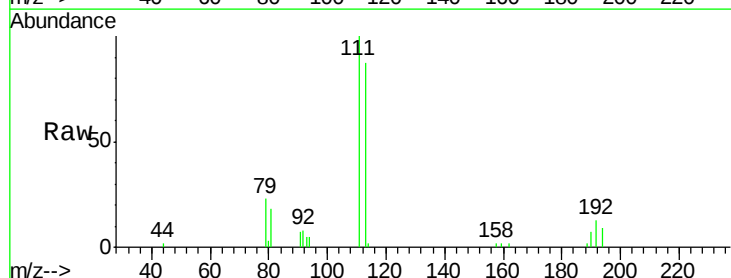
Tgt Ion:113 Resp: 57881

Ion Ratio Lower Upper

113 100

111 115.6 81.2 121.8

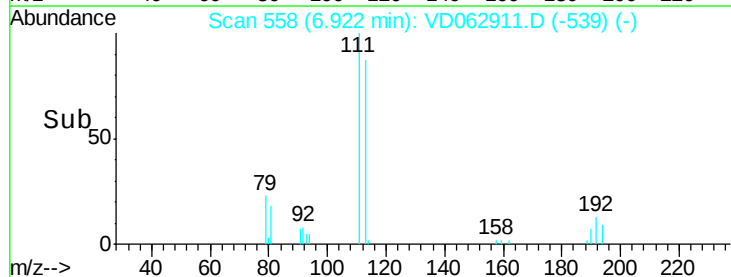
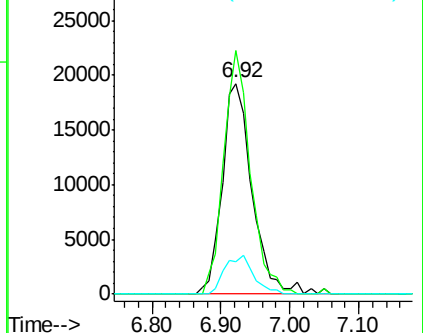
192 15.5 12.9 19.3



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: 48.982 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062911.D

Acq: 26 Jun 2019 12:21

Instrument :

MSVOA_D

ClientSampleId :

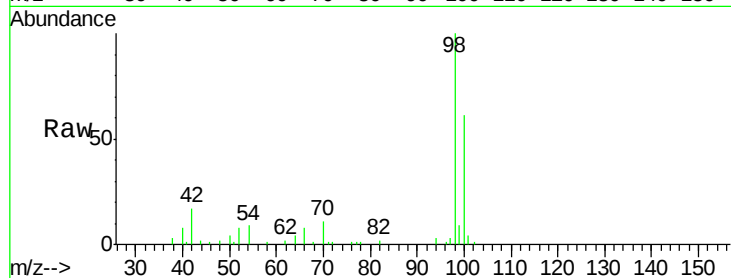
FK-PS-01-050

Tot Ion: 98 Resp: 100617

Ion Ratio Lower Upper

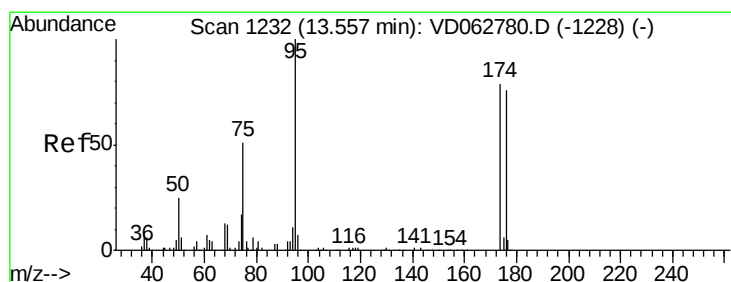
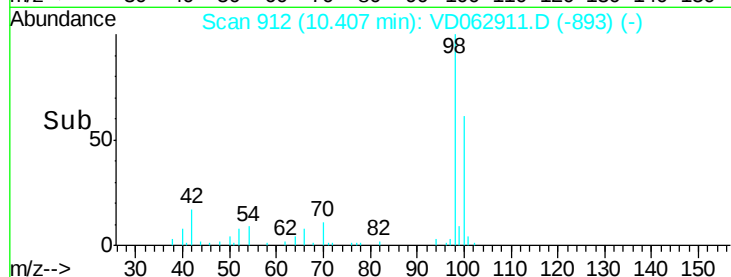
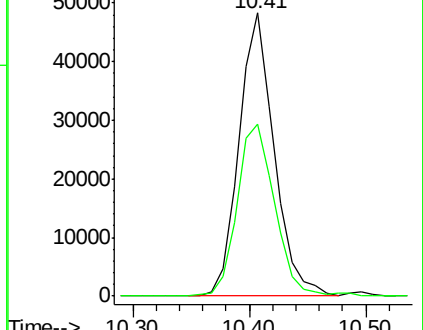
98 100

100 60.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)



#62

4-Bromofluorobenzene

Concen: 51.116 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062911.D

Acq: 26 Jun 2019 12:21

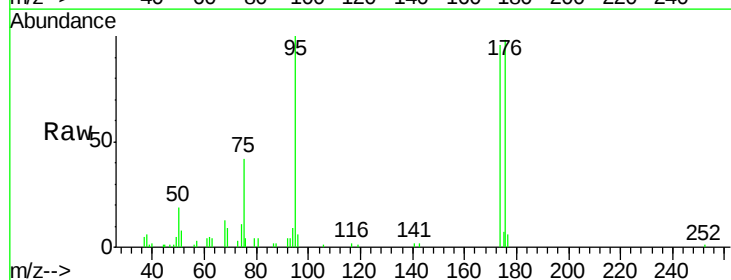
Tgt Ion: 95 Resp: 47744

Ion Ratio Lower Upper

95 100

174 96.3 0.0 158.0

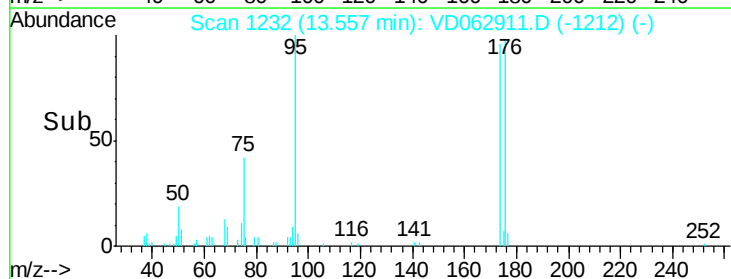
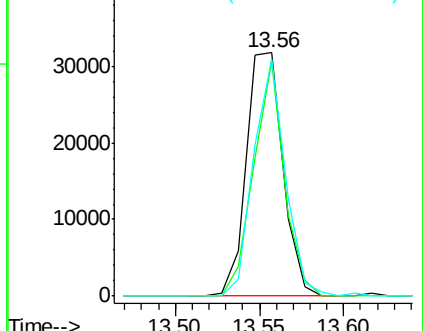
176 97.7 0.0 151.6

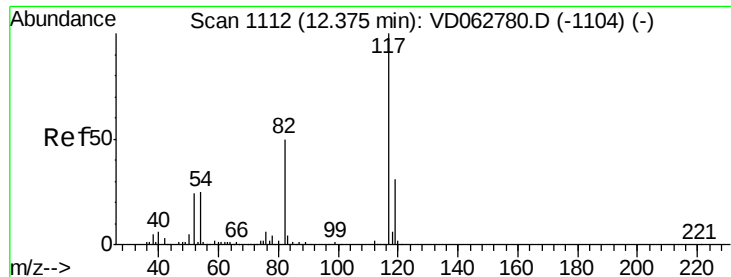


Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

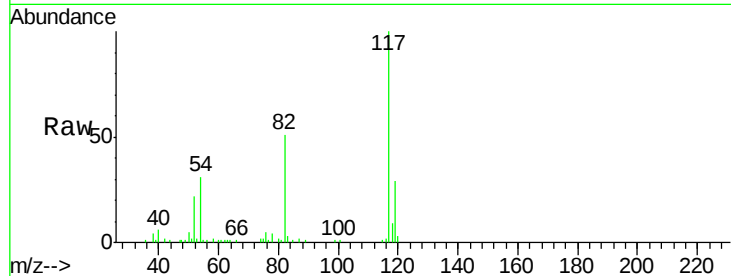




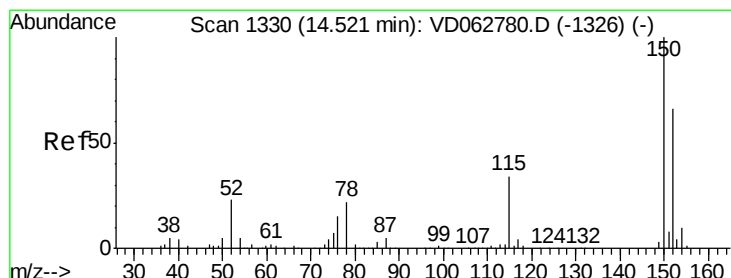
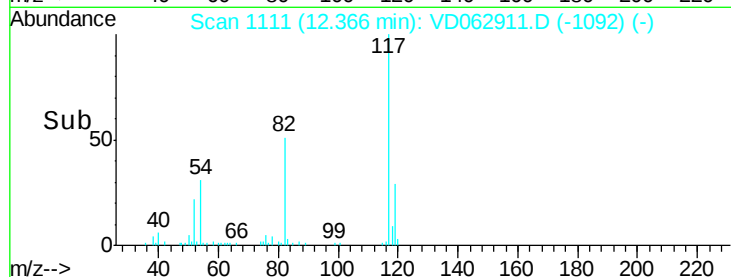
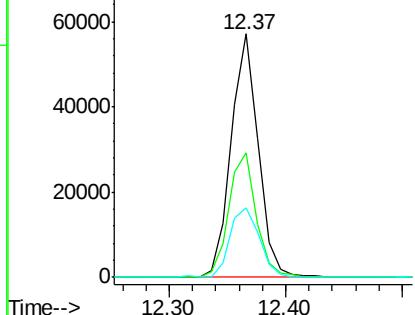
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062911.D
Acq: 26 Jun 2019 12:21

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-050

Tot Ion:117 Resp: 92609
Ion Ratio Lower Upper
117 100
82 51.4 40.4 60.6
119 28.5 25.2 37.8

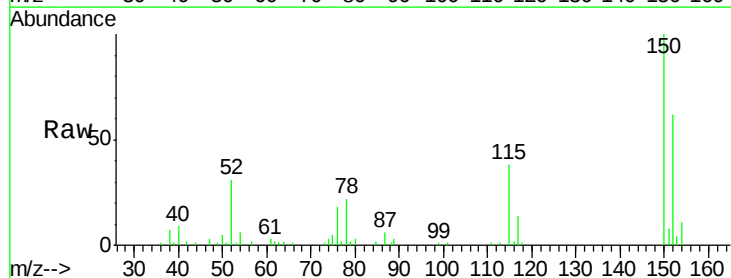


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

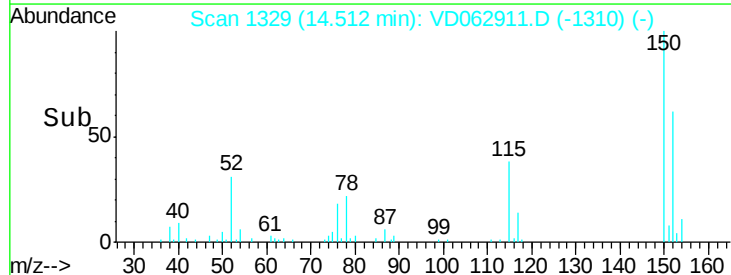
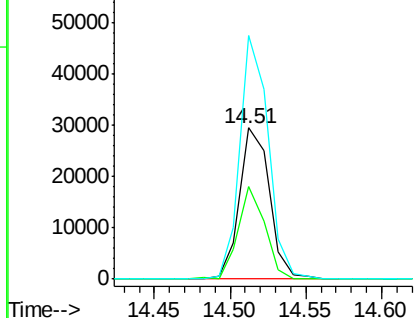


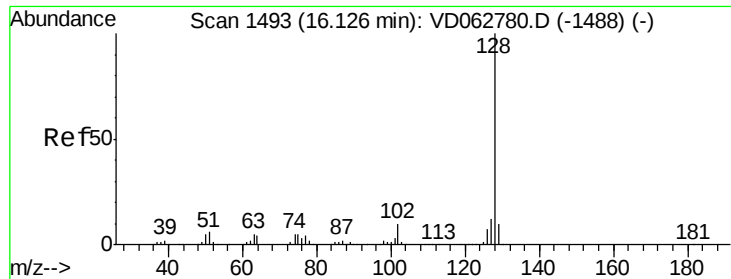
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062911.D
Acq: 26 Jun 2019 12:21

Tgt Ion:152 Resp: 40648
Ion Ratio Lower Upper
152 100
115 60.9 29.2 87.6
150 161.2 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

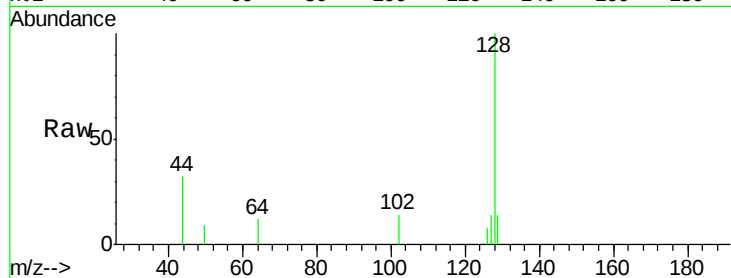




#95
Naphthalene
Concen: 3.813 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD062911.D
Acq: 26 Jun 2019 12:21

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-050

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.7	14.5
129	13.8	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

