

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062825.D
 Acq On : 21 Jun 2019 19:15
 Operator : VA/AP
 Sample : K2459-02
 Misc : 3.28g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-002

Quant Time: Jun 22 05:03:02 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

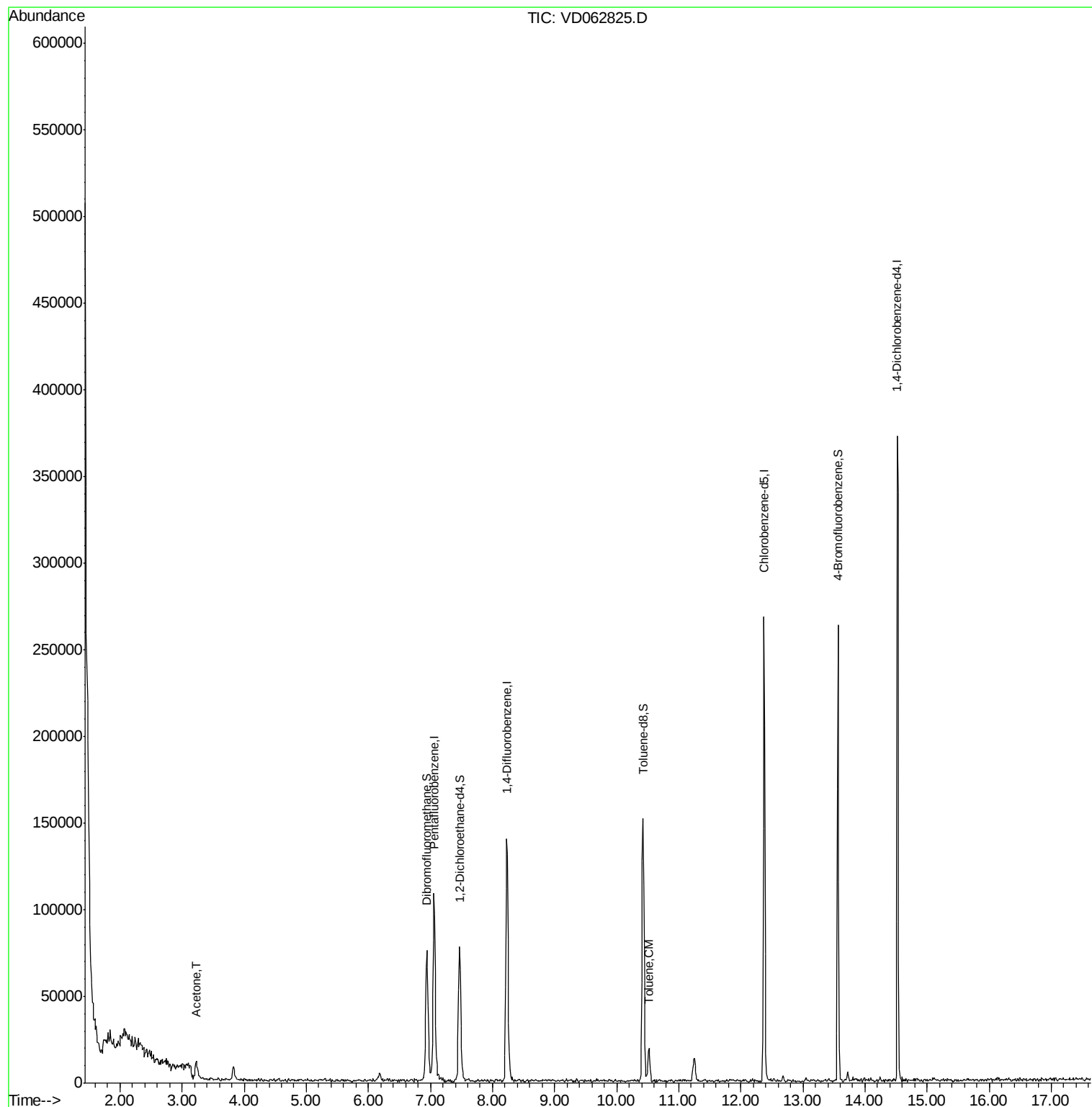
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	94798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	145742	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	137118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	86643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	93565	90.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.60%	
35) Dibromofluoromethane	6.94	113	63680	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.42	98	113633	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
62) 4-Bromofluorobenzene	13.56	95	66953	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
Target Compounds						
16) Acetone	3.23	43	19349	88.063	ug/l	99
52) Toluene	10.52	92	9361	5.028	ug/l	83

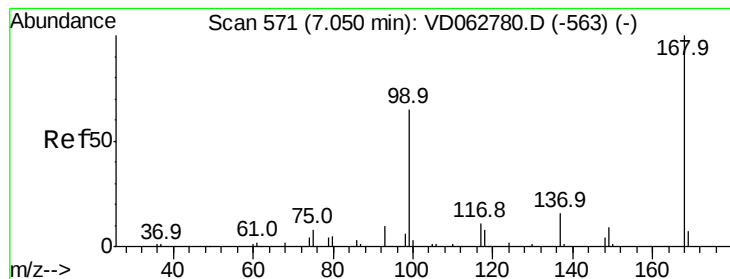
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

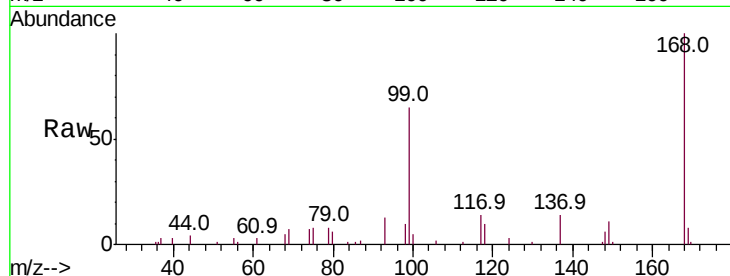
FK-BPM-04-002

Tot Ion:168 Resp: 94798

Ion Ratio Lower Upper

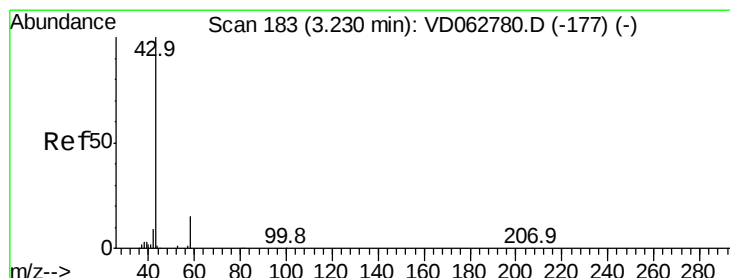
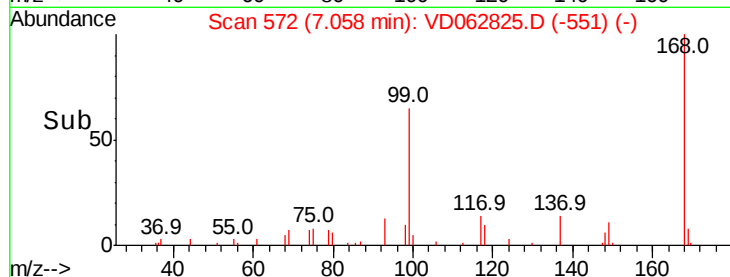
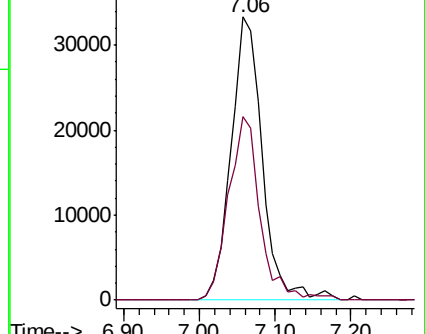
168 100

99 64.7 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: 88.063 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062825.D

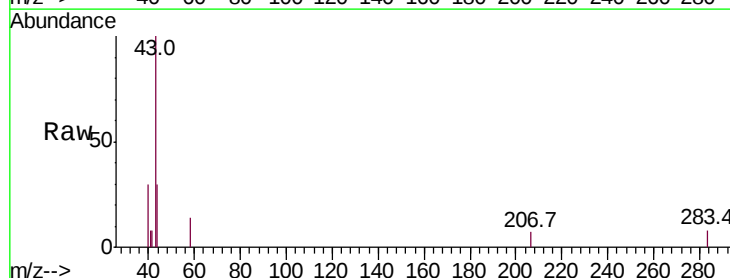
Acq: 21 Jun 2019 19:15

Tgt Ion: 43 Resp: 19349

Ion Ratio Lower Upper

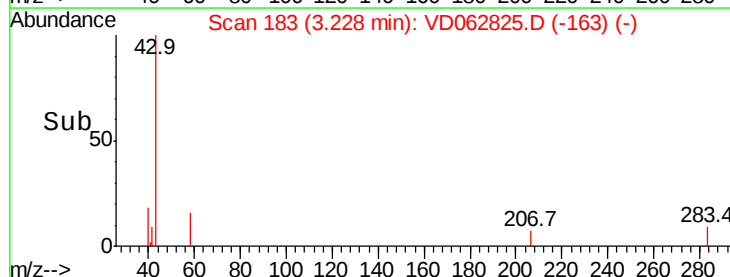
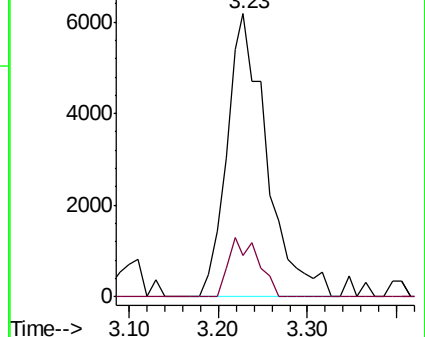
43 100

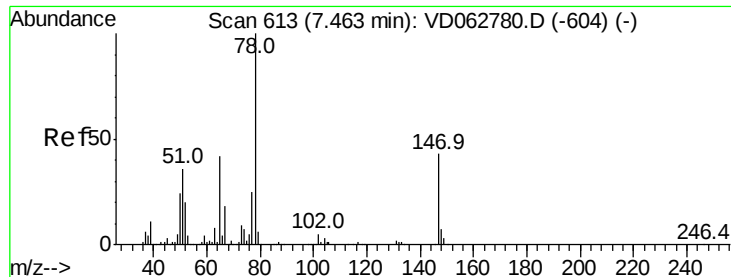
58 14.5 11.9 17.9



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: 90.801 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062825.D

Acq: 21 Jun 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

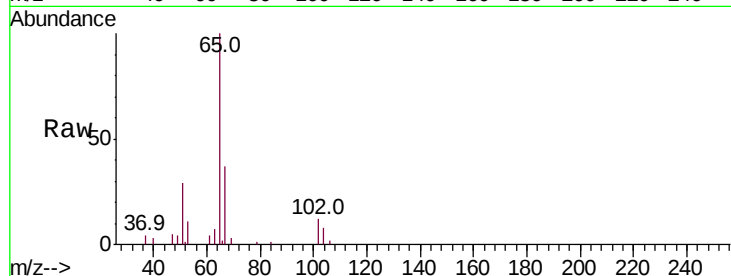
FK-BPM-04-002

Tot Ion: 65 Resp: 93565

Ion Ratio Lower Upper

65 100

67 36.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

30000

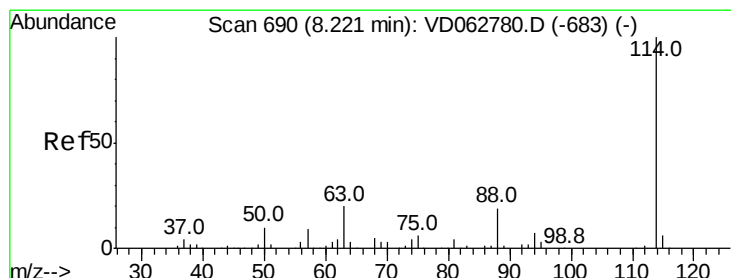
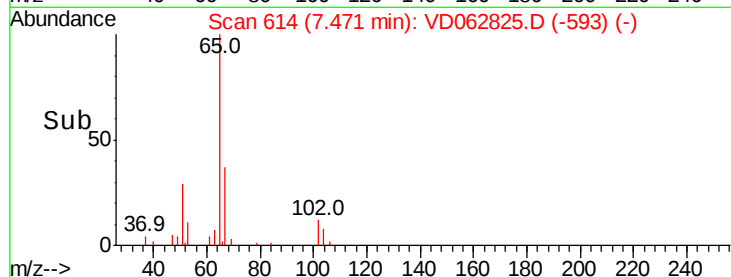
20000

10000

0

Time-->

7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062825.D

Acq: 21 Jun 2019 19:15

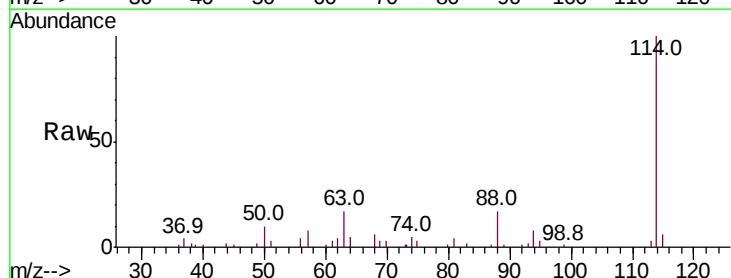
Tgt Ion: 114 Resp: 145742

Ion Ratio Lower Upper

114 100

63 16.6 0.0 40.0

88 17.3 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

8.23

80000

60000

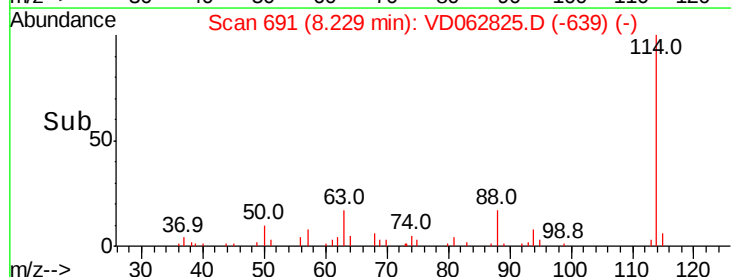
40000

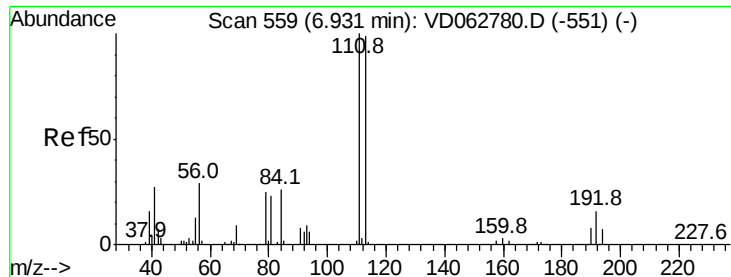
20000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 51.819 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062825.D

Acq: 21 Jun 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-002

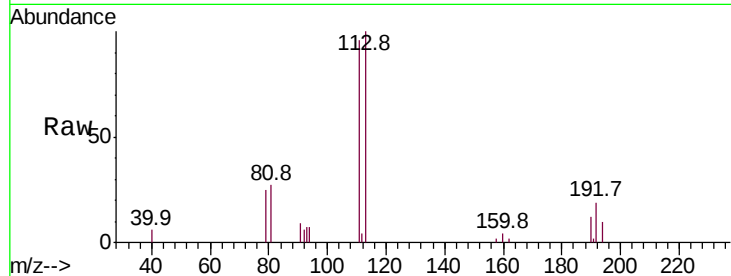
Tot Ion:113 Resp: 63680

Ion Ratio Lower Upper

113 100

111 96.3 81.2 121.8

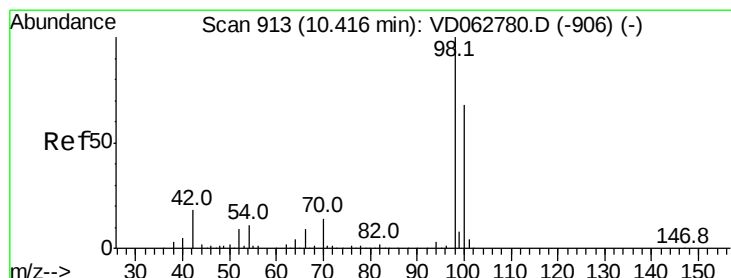
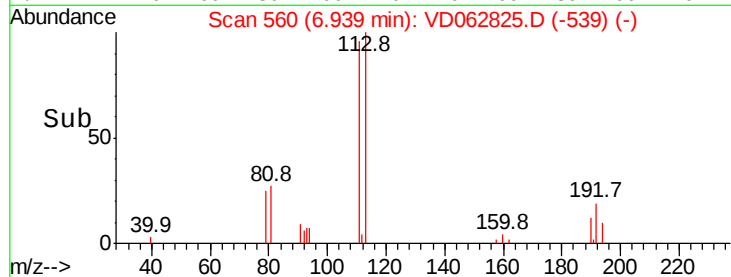
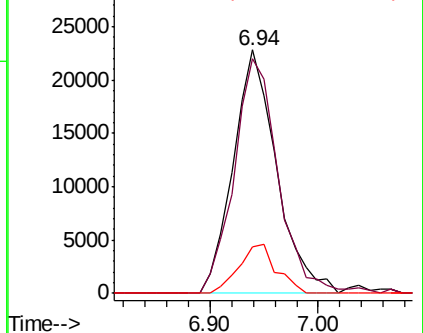
192 19.1 12.9 19.3



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: 42.486 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062825.D

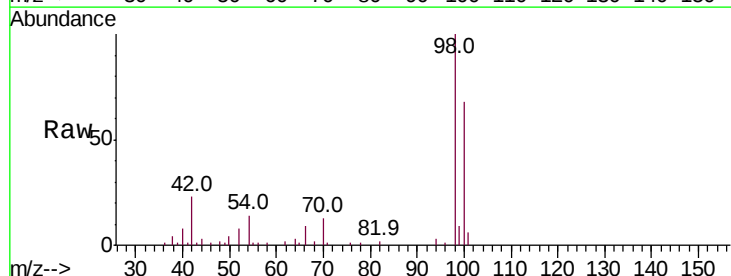
Acq: 21 Jun 2019 19:15

Tgt Ion: 98 Resp: 113633

Ion Ratio Lower Upper

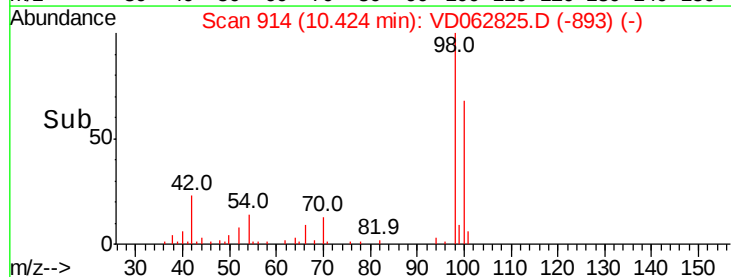
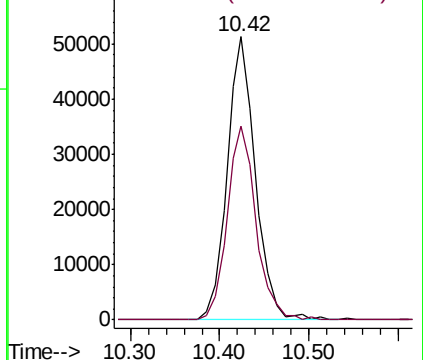
98 100

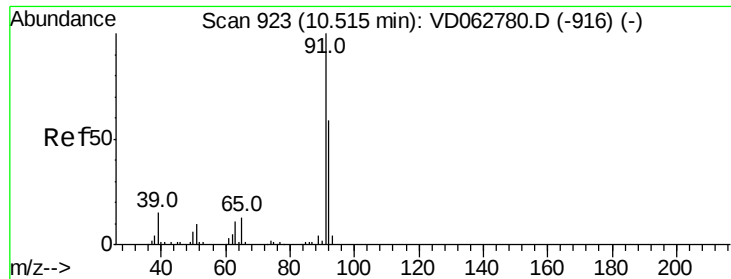
100 68.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 5.028 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD062825.D

Acq: 21 Jun 2019 19:15

Instrument :

MSVOA_D

ClientSampleId :

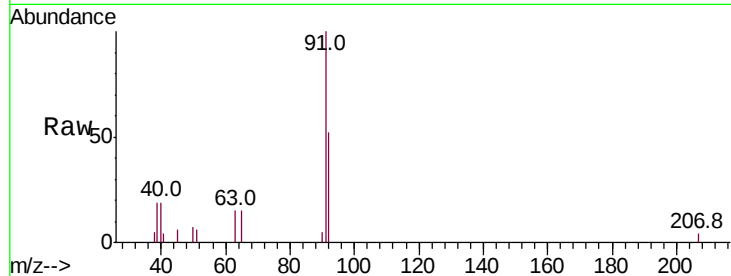
FK-BPM-04-002

Tot Ion: 92 Resp: 9361

Ion Ratio Lower Upper

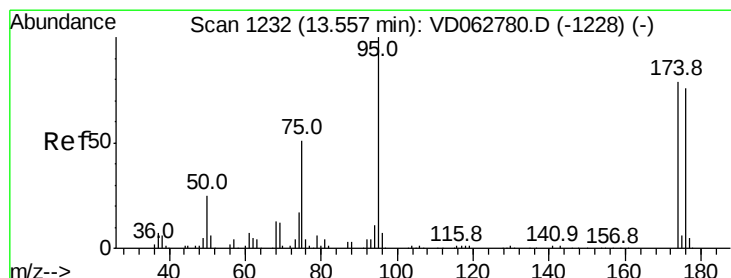
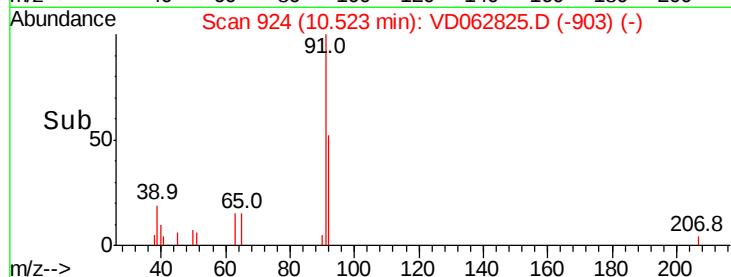
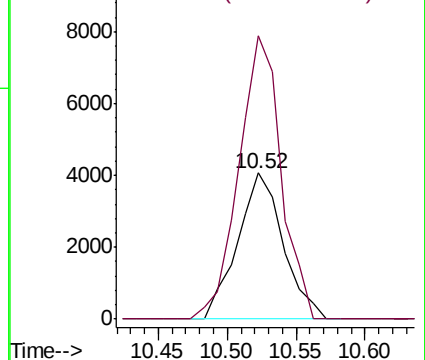
92 100

91 194.0 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.052 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062825.D

Acq: 21 Jun 2019 19:15

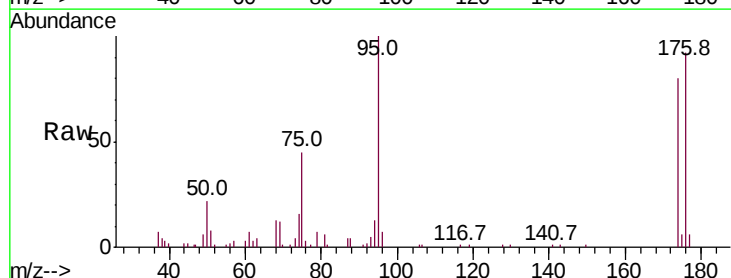
Tgt Ion: 95 Resp: 66953

Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.0

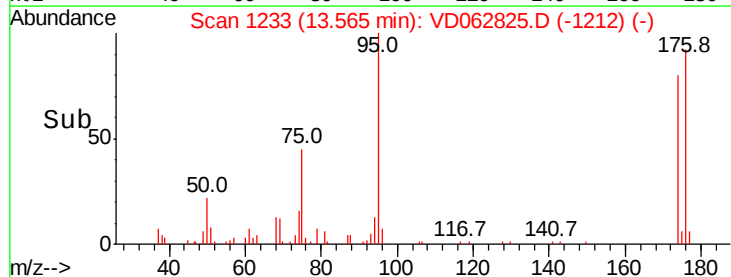
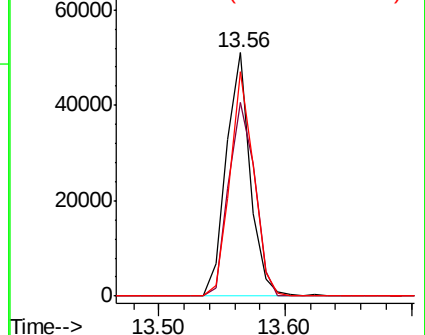
176 92.3 0.0 151.6

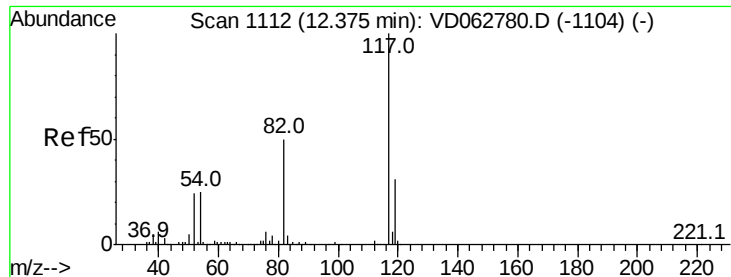


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

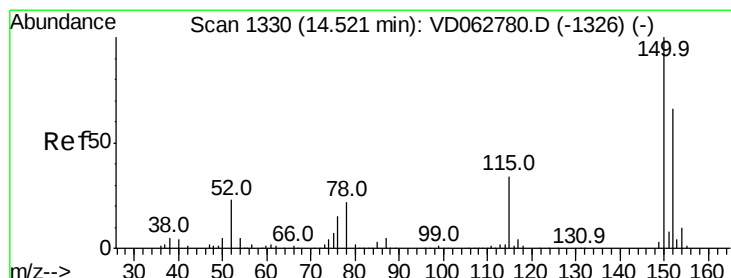
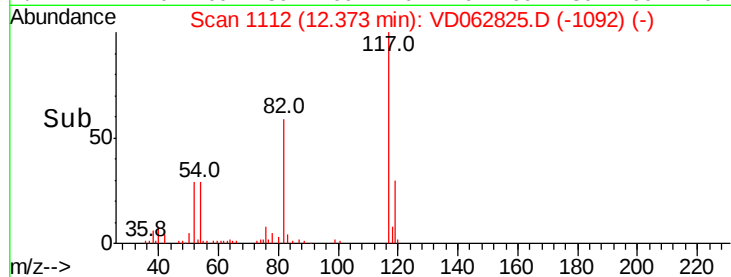
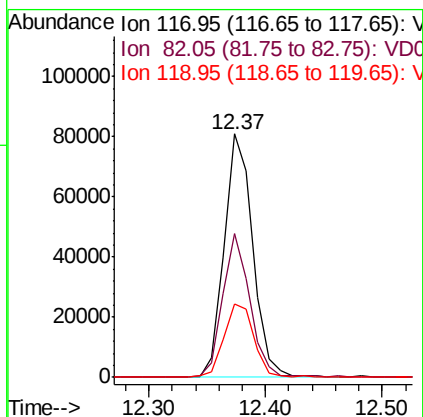
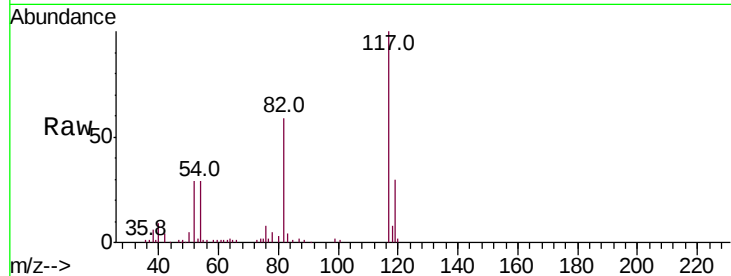




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062825.D
Acq: 21 Jun 2019 19:15

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-002

Tot Ion:117 Resp: 137118
Ion Ratio Lower Upper
117 100
82 59.0 40.4 60.6
119 30.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062825.D
Acq: 21 Jun 2019 19:15

Tgt Ion:152 Resp: 86643
Ion Ratio Lower Upper
152 100
115 49.5 29.2 87.6
150 155.5 0.0 305.8

