

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063045.D
 Acq On : 8 Jul 2019 19:14
 Operator : VA/AP
 Sample : K3699-02
 Misc : 3.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-014-ABCD

Quant Time: Jul 09 05:54:14 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

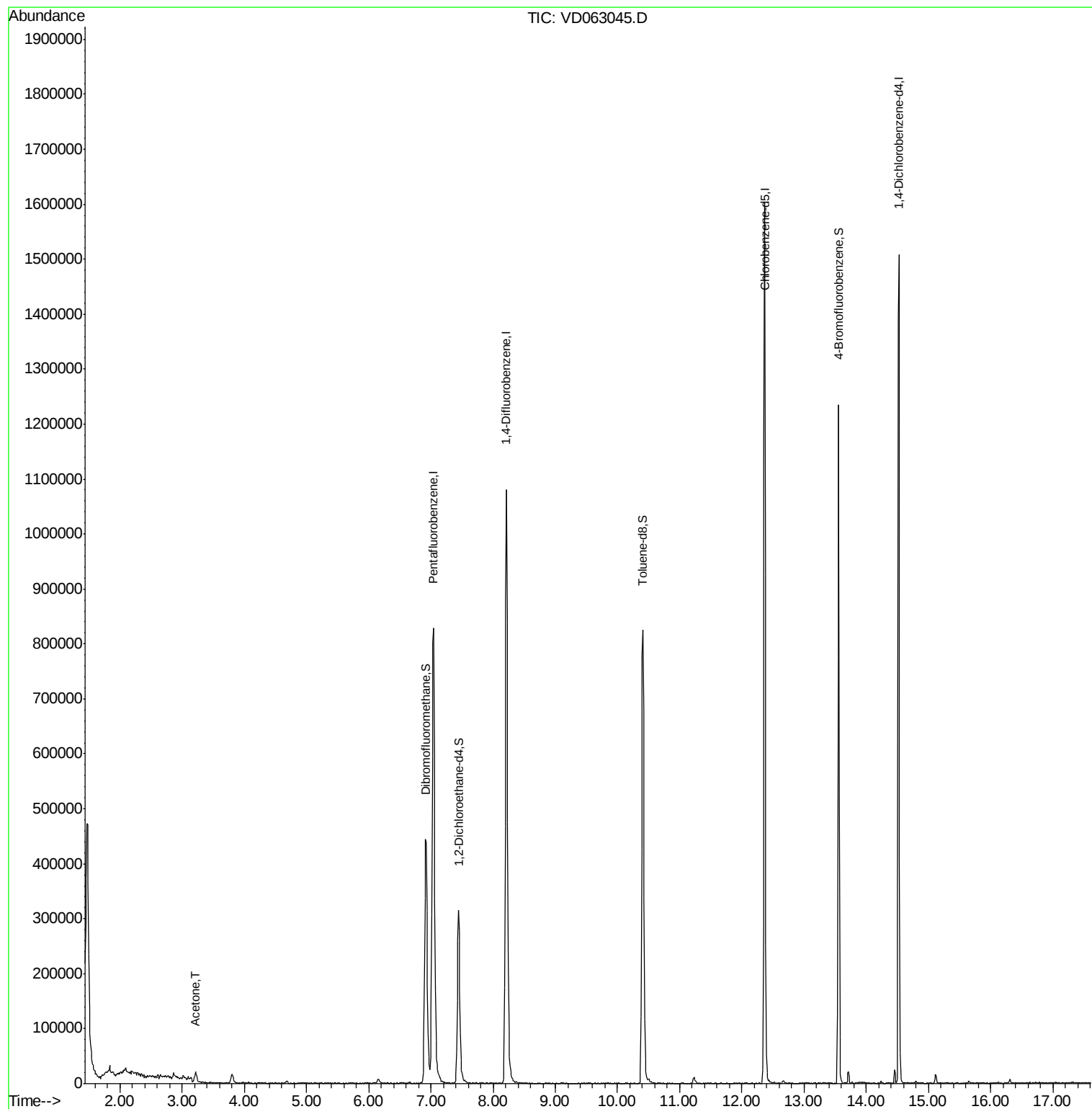
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	796347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1098241	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	830446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	349983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	372412	43.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.04%	
35) Dibromofluoromethane	6.91	113	401219	43.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	10.41	98	722005	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.64%	
62) 4-Bromofluorobenzene	13.56	95	320894	35.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.02%	
Target Compounds						
16) Acetone	3.21	43	31636	11.344	ug/l	Qvalue 96

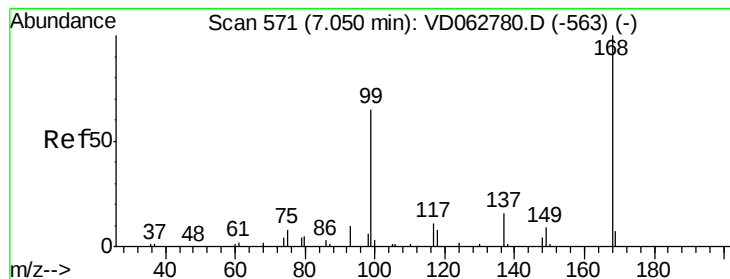
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063045.D

Acq: 8 Jul 2019 19:14

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MSVOA_D

ClientSampleId :

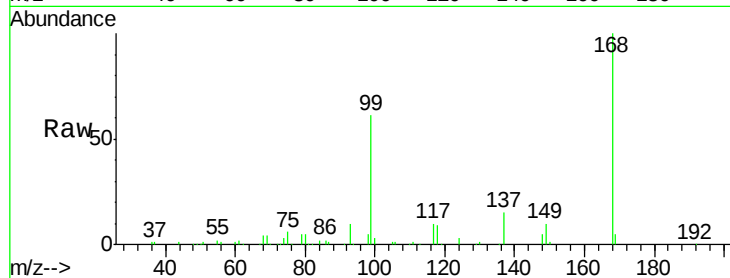
FK-EF-01-014-ABCD

Tot Ion:168 Resp: 796347

Ion Ratio Lower Upper

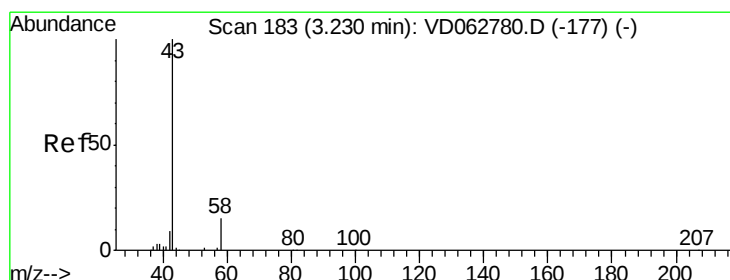
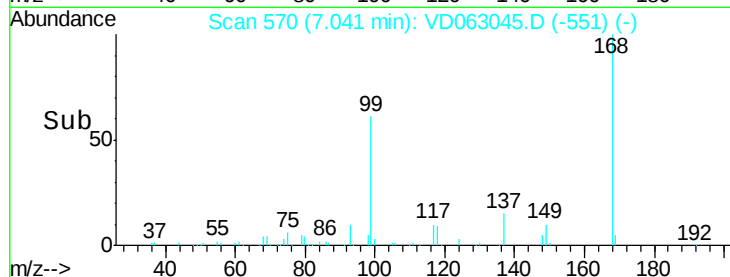
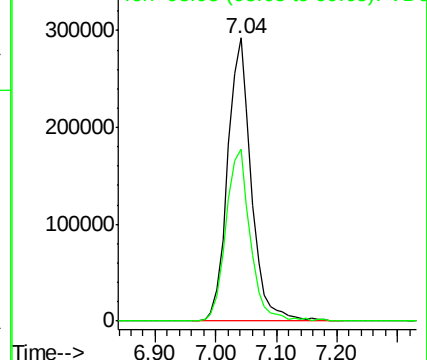
168 100

99 60.6 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: 11.344 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063045.D

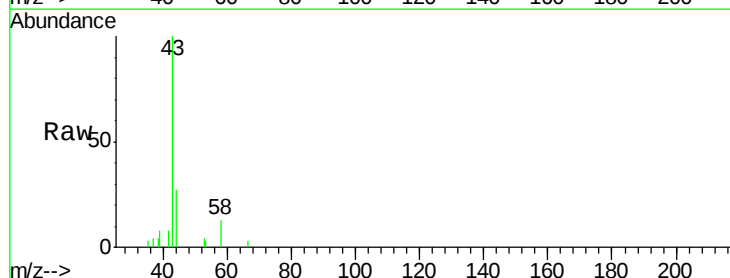
Acq: 8 Jul 2019 19:14

Tgt Ion: 43 Resp: 31636

Ion Ratio Lower Upper

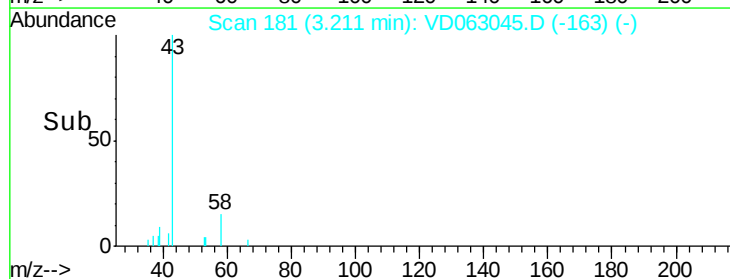
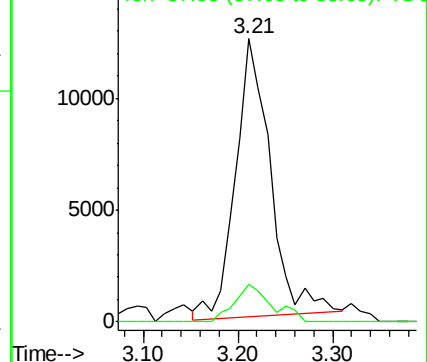
43 100

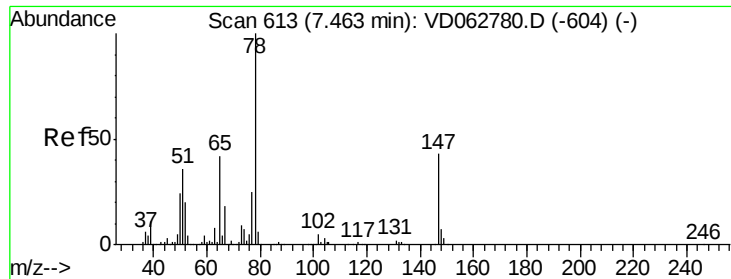
58 13.4 11.9 17.9



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: 43.023 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

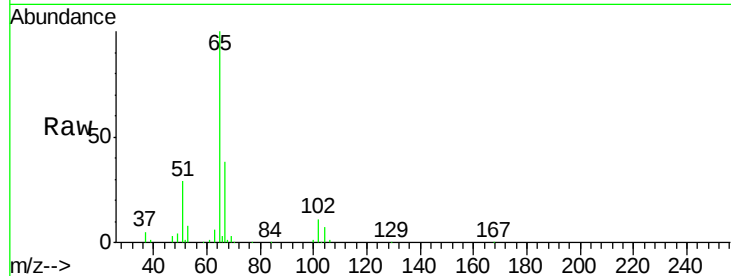
FK-EF-01-014-ABCD

Tot Ion: 65 Resp: 372412

Ion Ratio Lower Upper

65 100

67 38.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

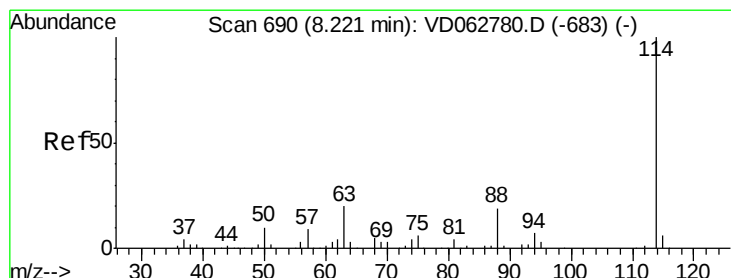
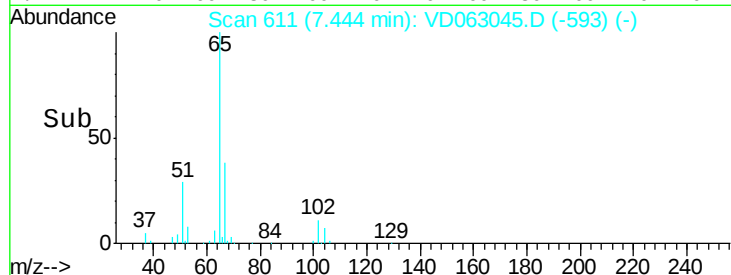
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

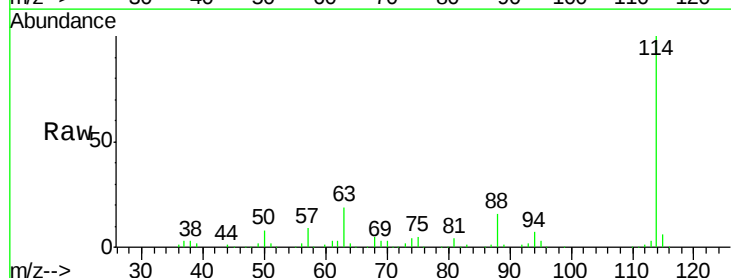
Tgt Ion: 114 Resp: 1098241

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 16.4 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

8.21

600000

500000

400000

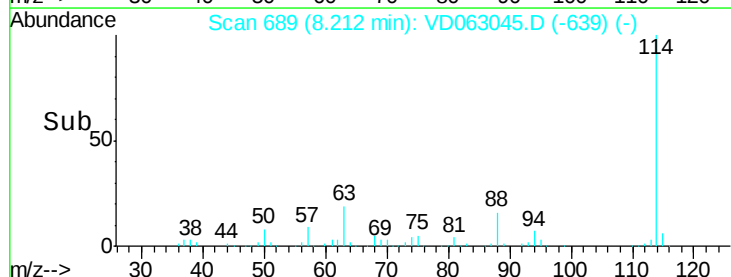
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 43.327 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-014-ABCD

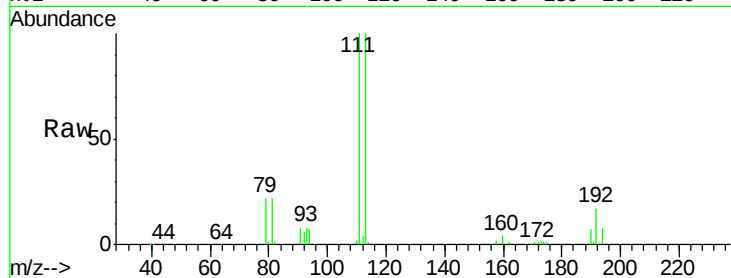
Tot Ion:113 Resp: 401219

Ion Ratio Lower Upper

113 100

111 99.8 81.2 121.8

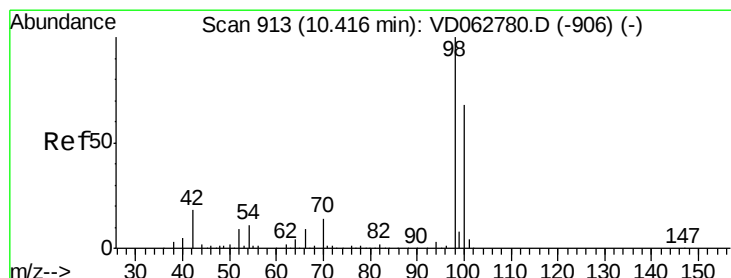
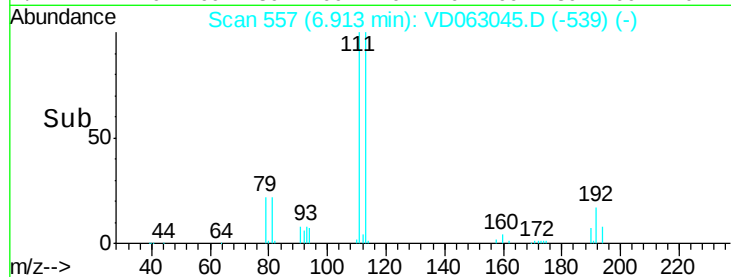
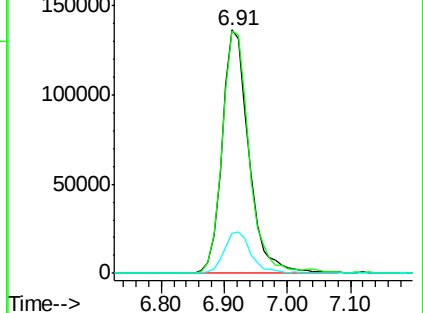
192 16.5 12.9 19.3



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: 35.823 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063045.D

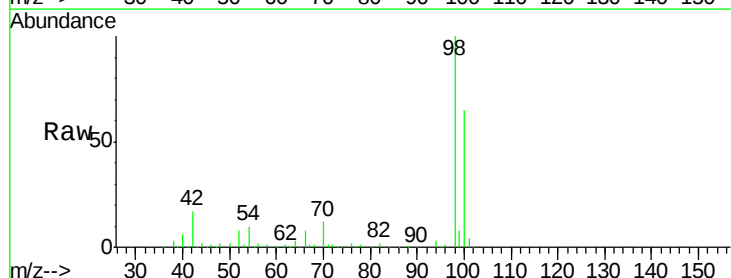
Acq: 8 Jul 2019 19:14

Tgt Ion: 98 Resp: 722005

Ion Ratio Lower Upper

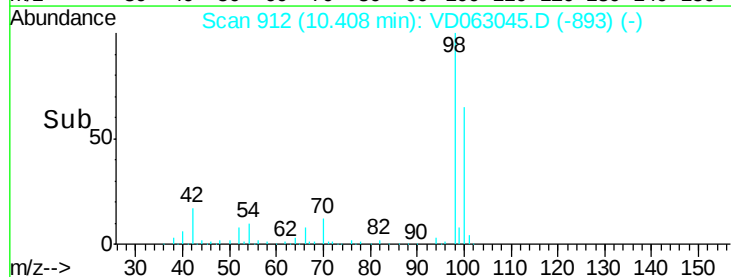
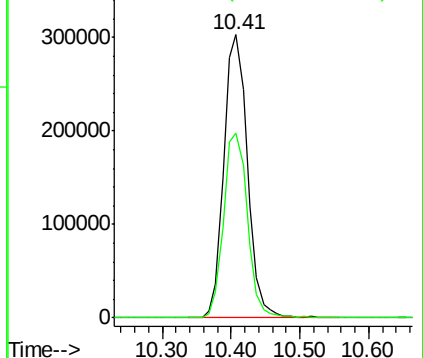
98 100

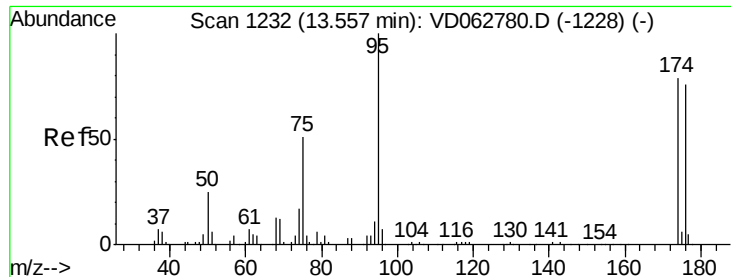
100 65.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

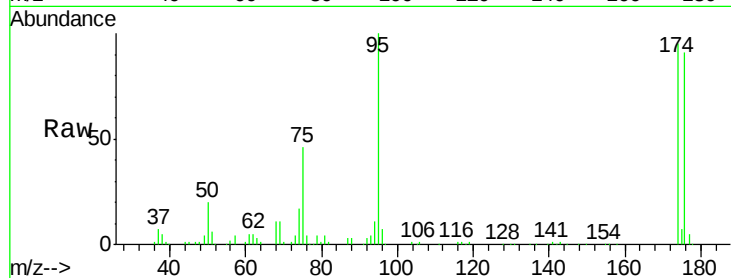




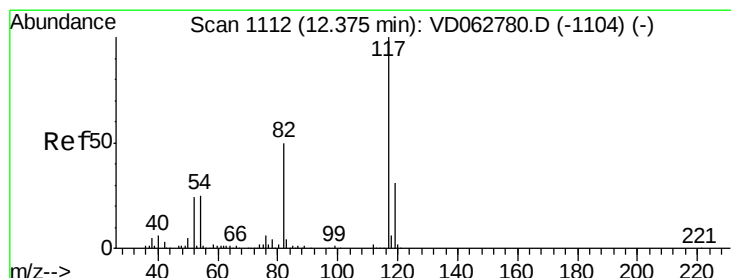
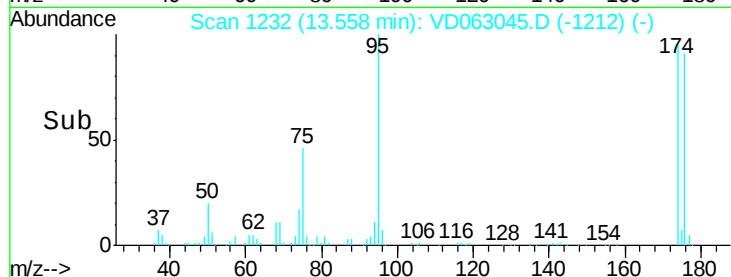
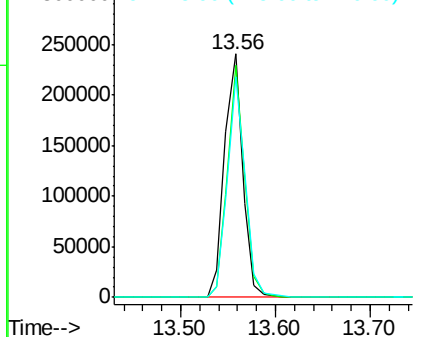
#62
4-Bromofluorobenzene
Concen: 35.015 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063045.D
Acq: 8 Jul 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-014-ABCD

Tot Ion: 95 Resp: 320894
Ion Ratio Lower Upper
95 100
174 95.1 0.0 158.0
176 90.7 0.0 151.6

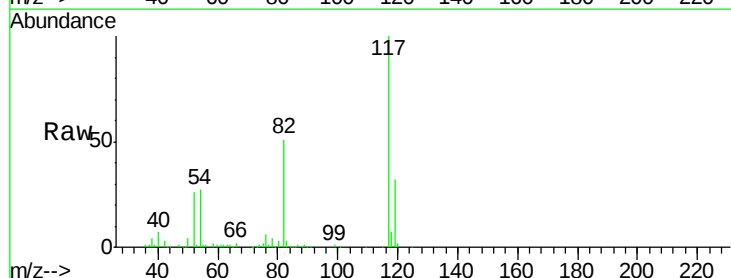


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

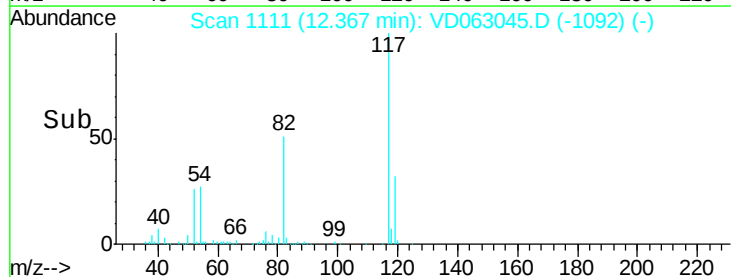
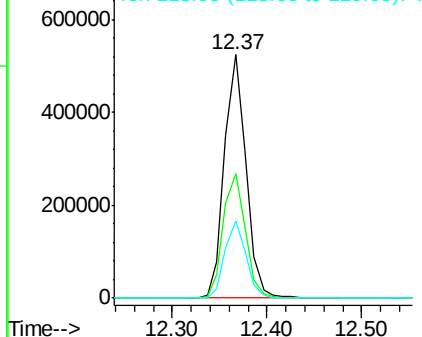


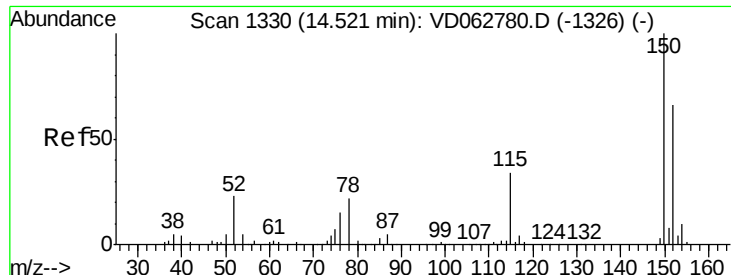
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063045.D
Acq: 8 Jul 2019 19:14

Tgt Ion: 117 Resp: 830446
Ion Ratio Lower Upper
117 100
82 51.1 40.4 60.6
119 31.9 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

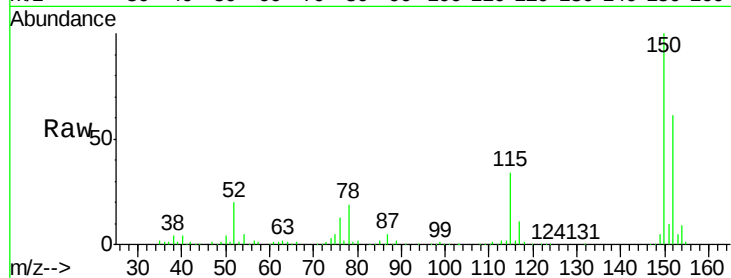




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063045.D
 Acq: 8 Jul 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-014-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	29.2	87.6
150	164.5	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

