

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063046.D
 Acq On : 8 Jul 2019 19:41
 Operator : VA/AP
 Sample : K3703-02
 Misc : 3.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-015-ABCD

Quant Time: Jul 09 06:00:04 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

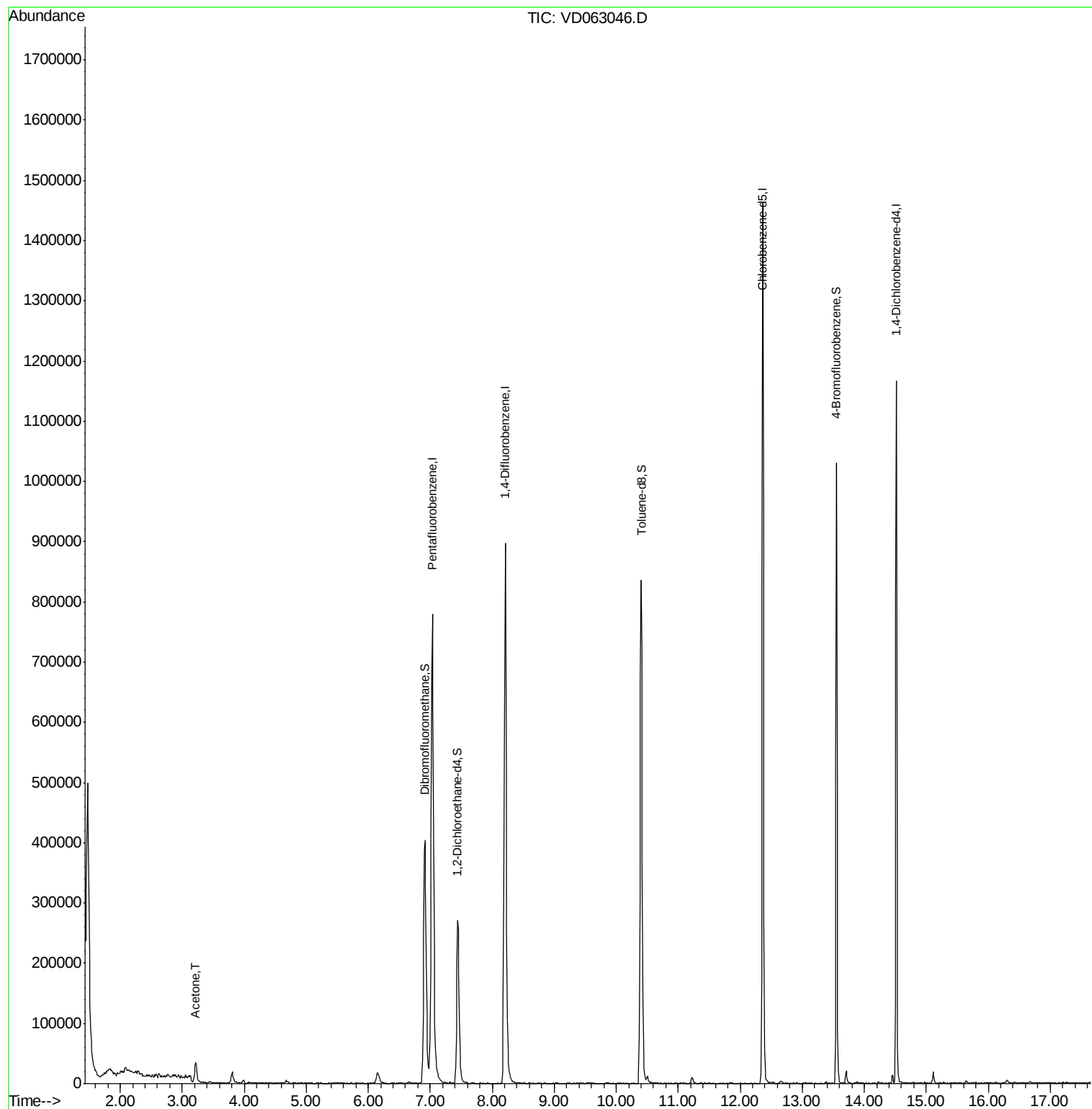
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	729587	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	956303	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	721392	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	249572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	307936	38.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.66%	
35) Dibromofluoromethane	6.91	113	353263	43.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.62%	
50) Toluene-d8	10.40	98	681369	38.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.64%	
62) 4-Bromofluorobenzene	13.55	95	267091	33.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.94%	
Target Compounds						
16) Acetone	3.22	43	62973	33.087	ug/l #	Qvalue 87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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Acq: 8 Jul 2019 19:41

Instrument :

MSVOA_D

ClientSampleId :

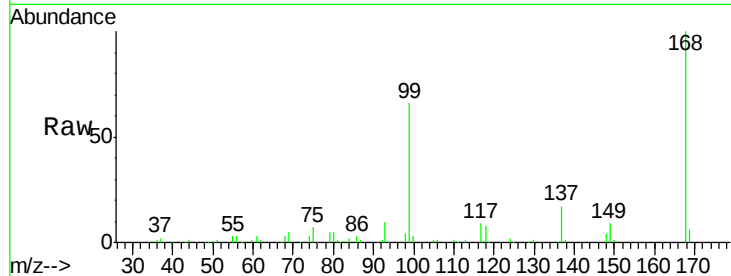
FK-EF-01-015-ABCD

Tot Ion:168 Resp: 729587

Ion Ratio Lower Upper

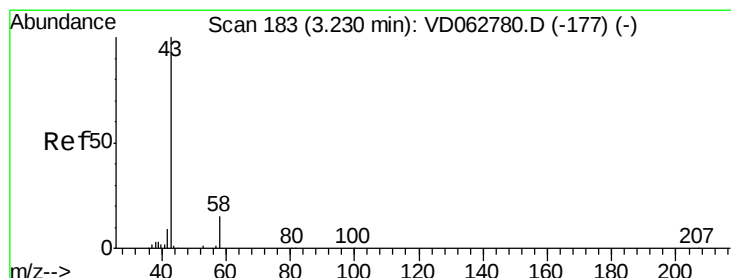
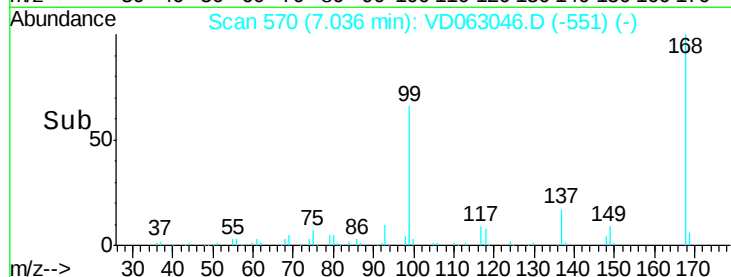
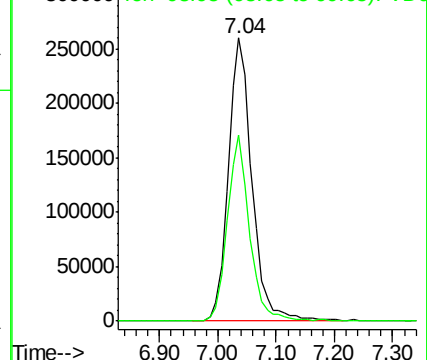
168 100

99 65.8 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: 33.087 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063046.D

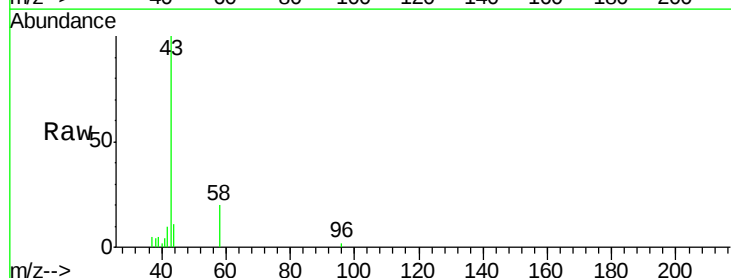
Acq: 8 Jul 2019 19:41

Tgt Ion: 43 Resp: 62973

Ion Ratio Lower Upper

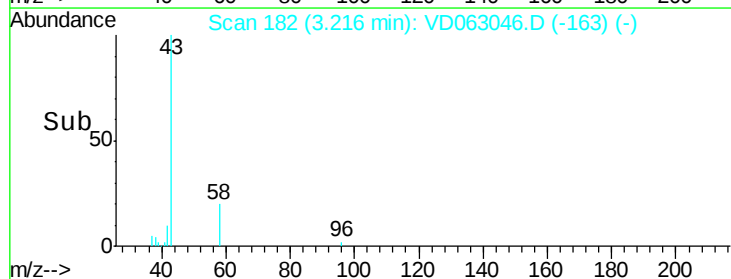
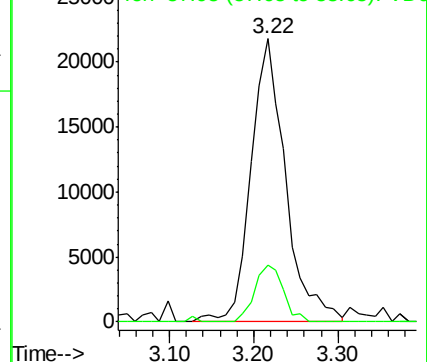
43 100

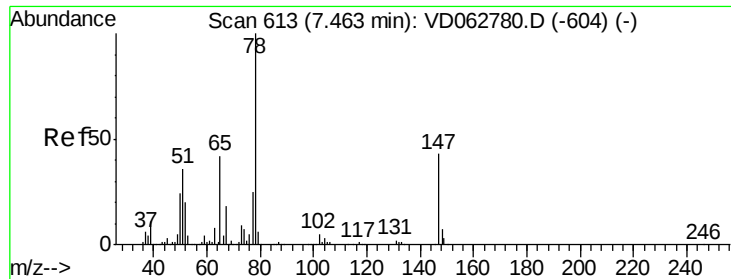
58 20.2 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

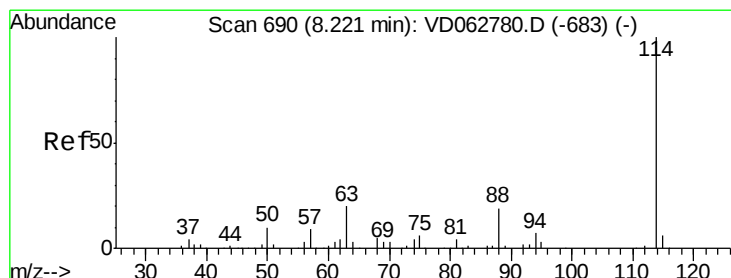
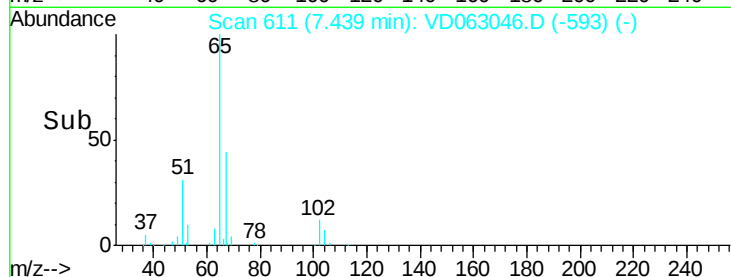
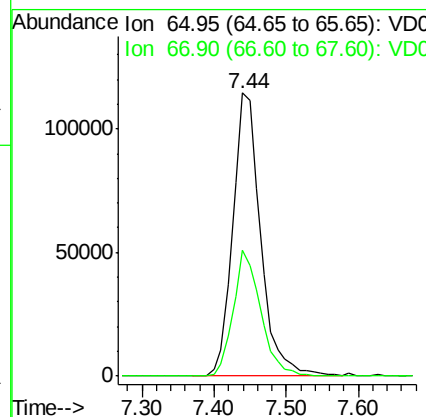
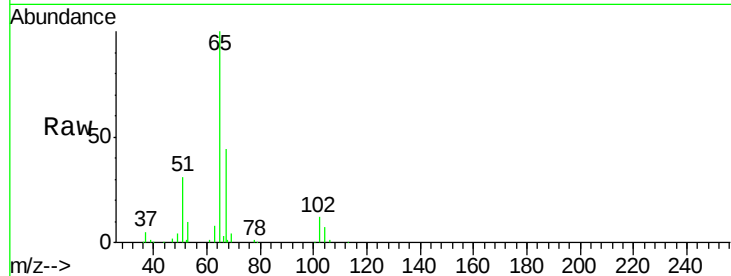




#33
 1,2-Dichloroethane-d4
 Concen: 38.829 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063046.D
 Acq: 8 Jul 2019 19:41

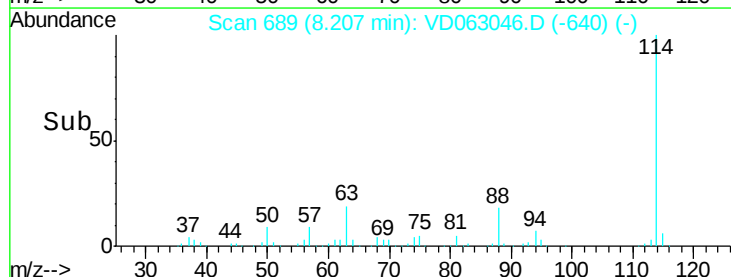
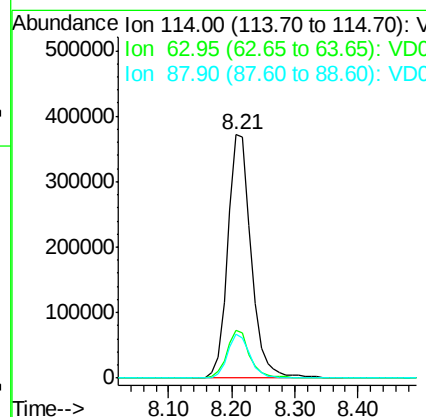
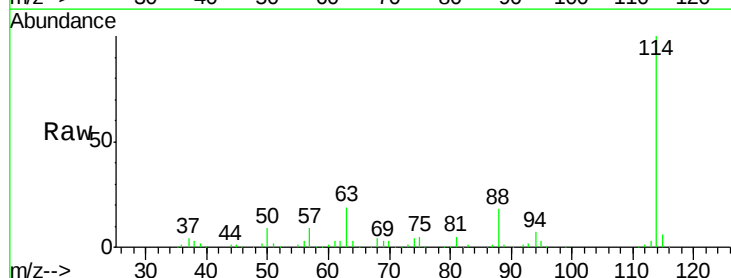
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-015-ABCD

Tot Ion: 65 Resp: 307936
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063046.D
 Acq: 8 Jul 2019 19:41

Tgt Ion: 114 Resp: 956303
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 18.2 0.0 38.8





#35

Dibromofluoromethane

Concen: 43.810 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063046.D

Acq: 8 Jul 2019 19:41

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-015-ABCD

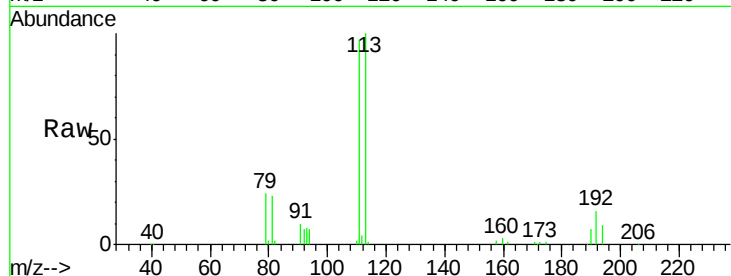
Tot Ion:113 Resp: 353263

Ion Ratio Lower Upper

113 100

111 96.5 81.2 121.8

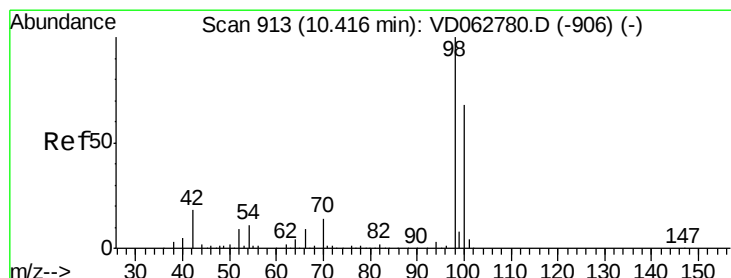
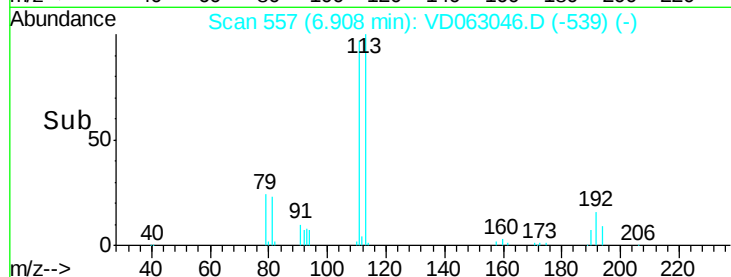
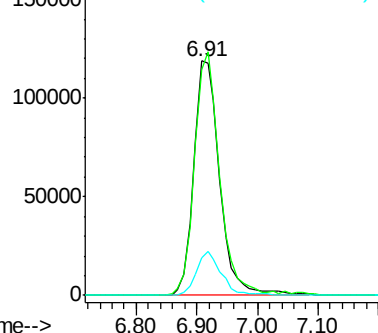
192 16.3 12.9 19.3



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: 38.825 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063046.D

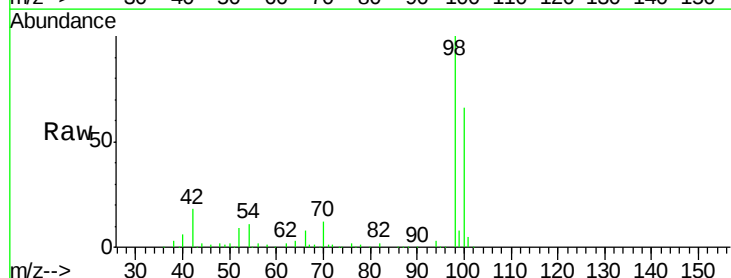
Acq: 8 Jul 2019 19:41

Tgt Ion: 98 Resp: 681369

Ion Ratio Lower Upper

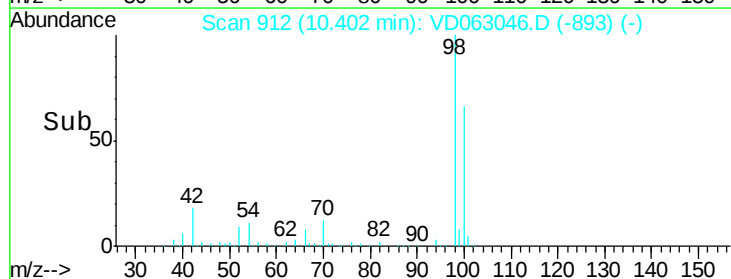
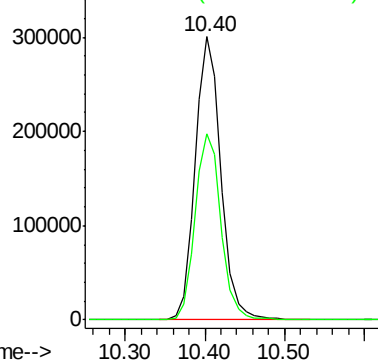
98 100

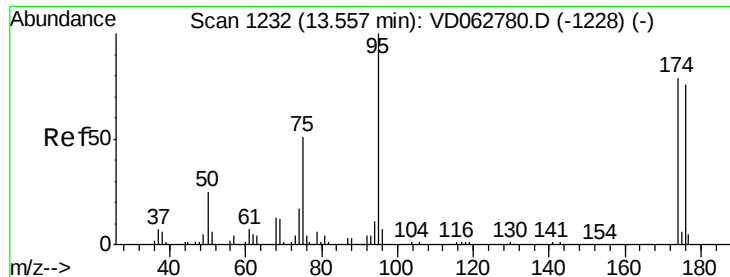
100 65.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

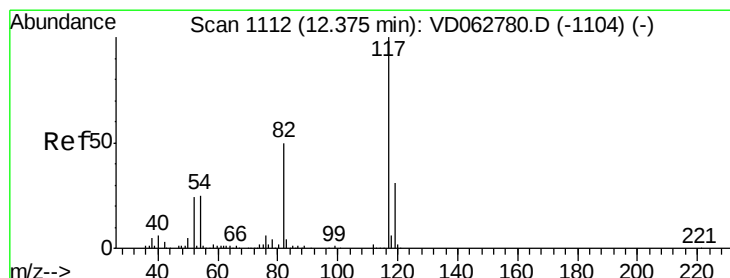
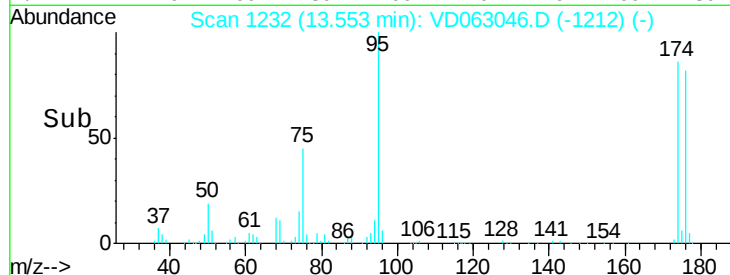
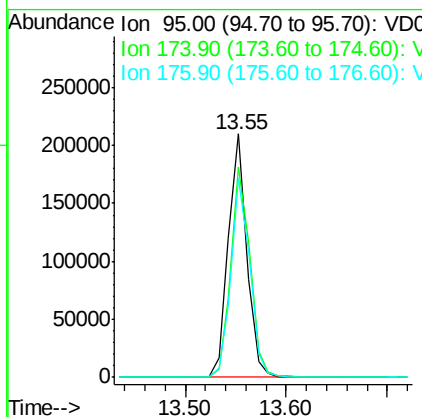
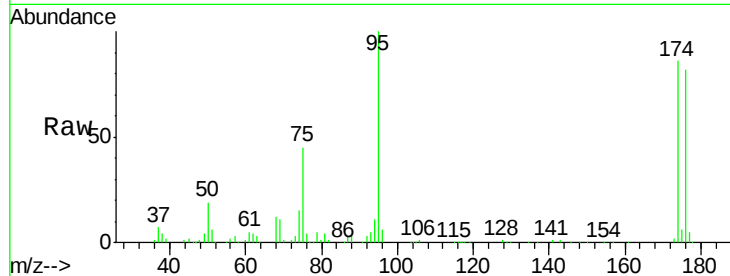




#62
4-Bromofluorobenzene
Concen: 33.470 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063046.D
Acq: 8 Jul 2019 19:41

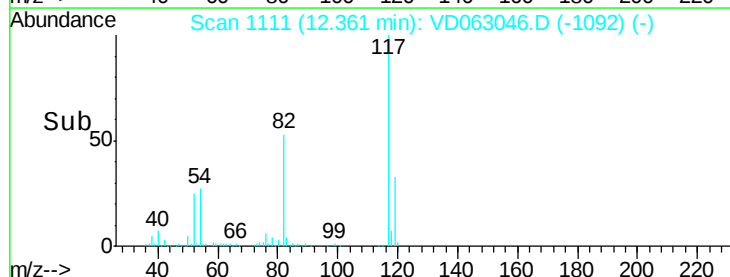
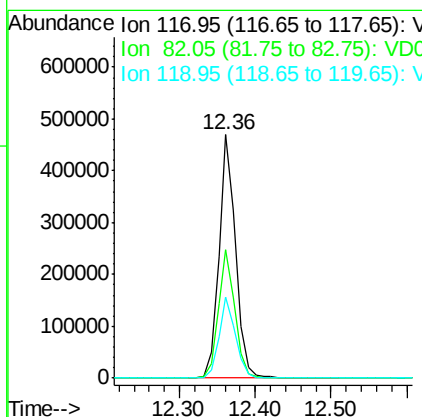
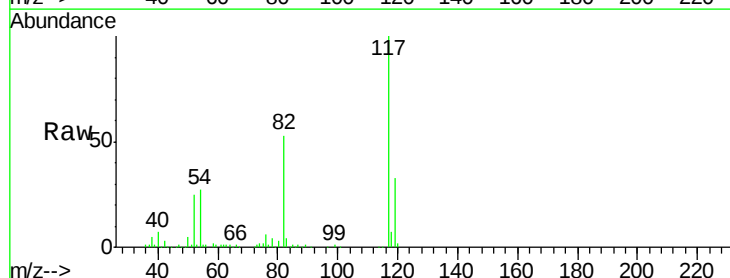
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-015-ABCD

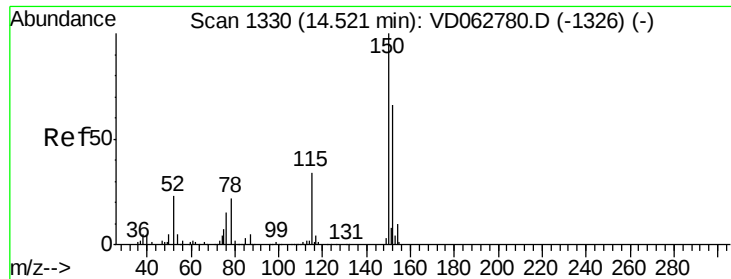
Tot Ion: 95 Resp: 267091
Ion Ratio Lower Upper
95 100
174 86.4 0.0 158.0
176 81.7 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063046.D
Acq: 8 Jul 2019 19:41

Tgt Ion: 117 Resp: 721392
Ion Ratio Lower Upper
117 100
82 52.8 40.4 60.6
119 33.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063046.D

Acq: 8 Jul 2019 19:41

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-015-ABCD

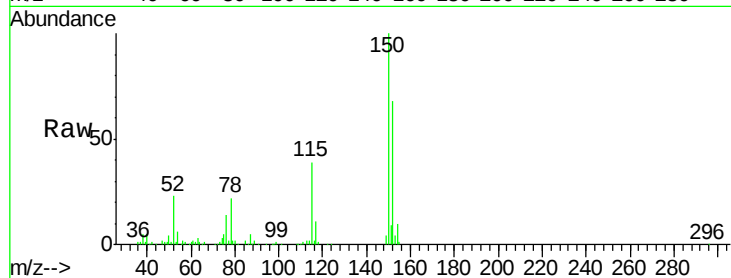
Tot Ion:152 Resp: 249572

Ion Ratio Lower Upper

152 100

115 57.1 29.2 87.6

150 146.2 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

