

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063117.D
 Acq On : 16 Jul 2019 20:08
 Operator : VA/AP
 Sample : K3776-04RE
 Misc : 4.84g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-006-BRE

Quant Time: Jul 17 08:39:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

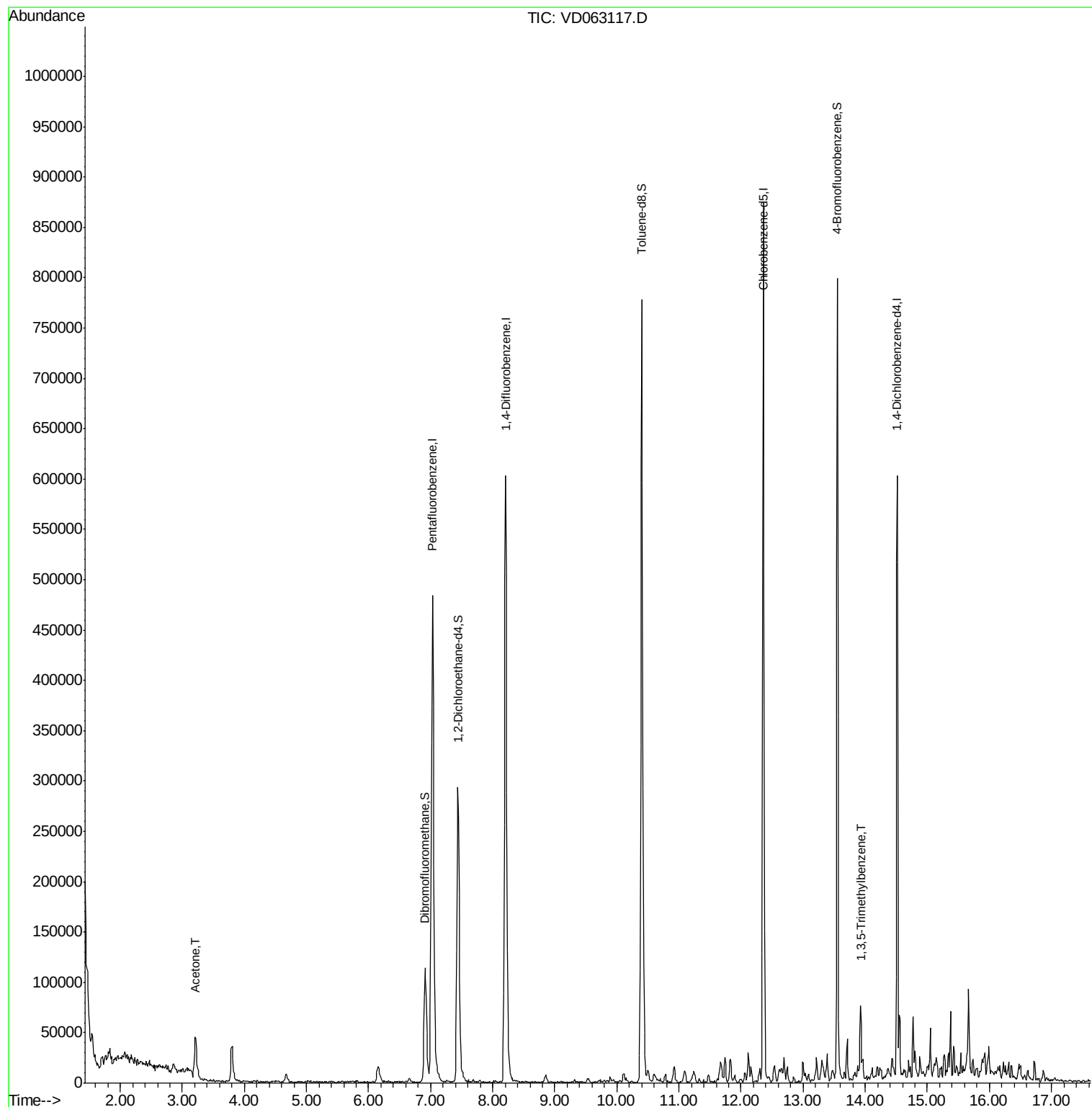
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	488451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	646868	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	446303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	134344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	346686	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
35) Dibromofluoromethane	6.91	113	106418	16.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.04%	
50) Toluene-d8	10.40	98	619257	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	13.55	95	208512	32.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.14%	
Target Compounds						
16) Acetone	3.22	43	89701	61.037	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	32350	3.578	ug/l	93

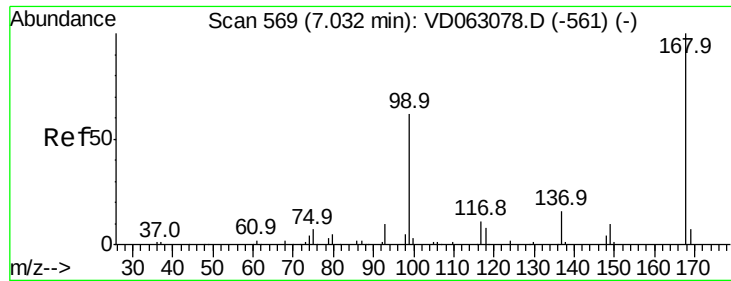
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063117.D

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ClientSampleId :

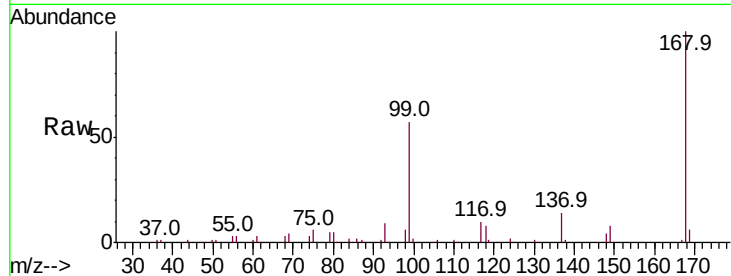
FK-SF-01-006-BRE

Tot Ion:168 Resp: 488451

Ion Ratio Lower Upper

168 100

99 57.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

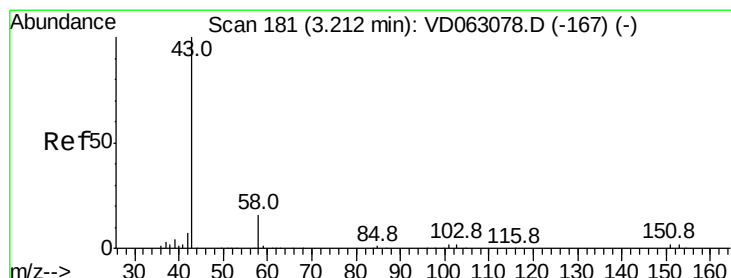
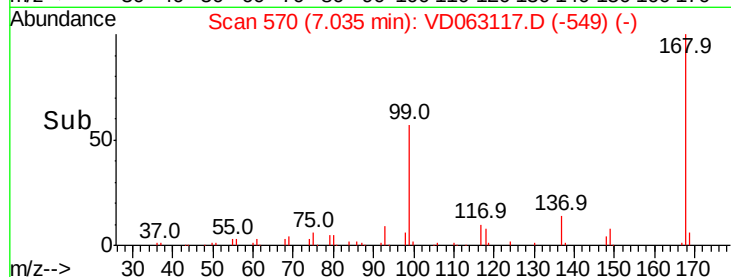
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 61.037 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063117.D

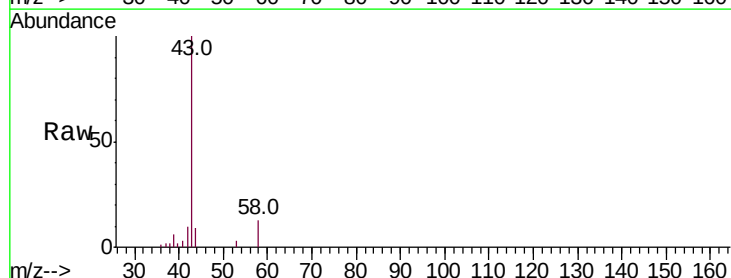
Acq: 16 Jul 2019 20:08

Tgt Ion: 43 Resp: 89701

Ion Ratio Lower Upper

43 100

58 13.1 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

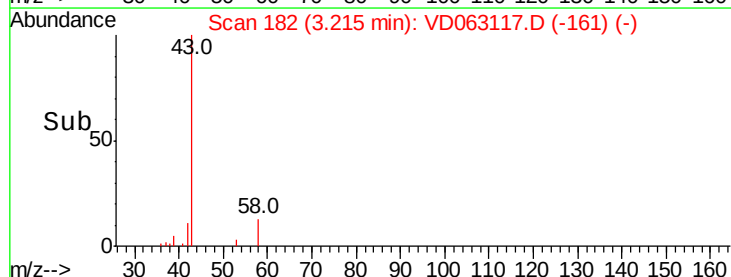
20000

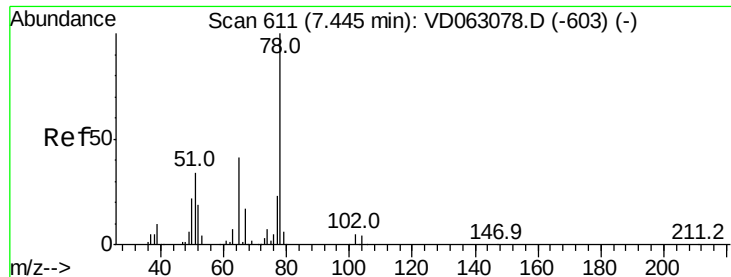
10000

0

3.10 3.20 3.30

Time-->

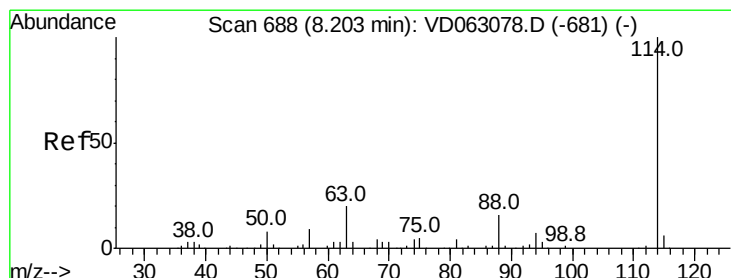
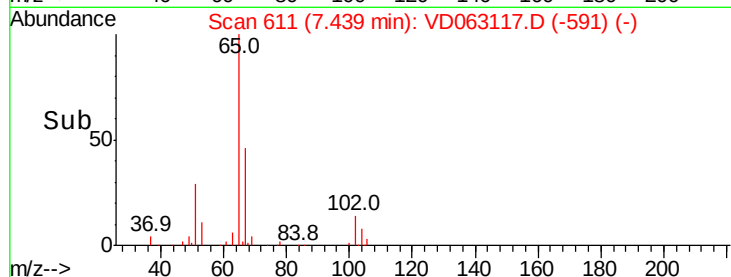
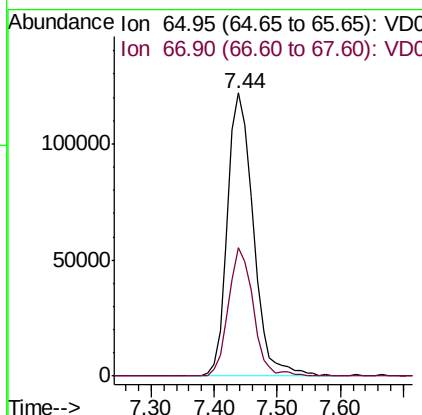
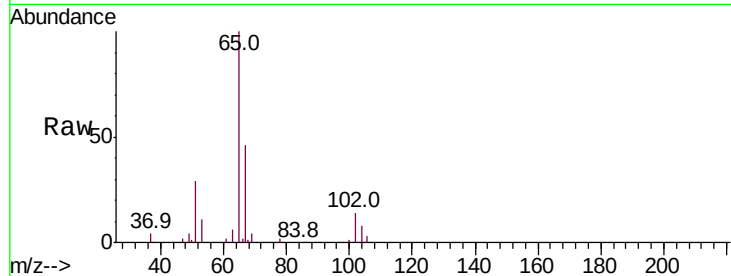




#33
 1,2-Dichloroethane-d4
 Concen: 56.978 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD063117.D
 Acq: 16 Jul 2019 20:08

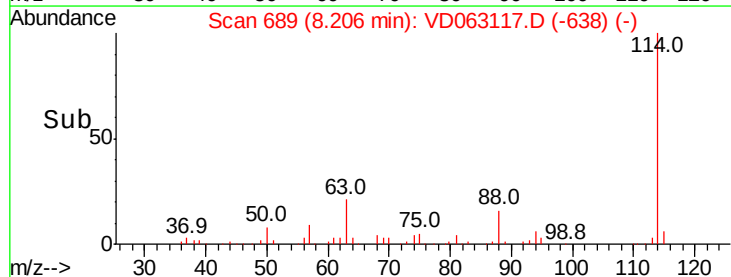
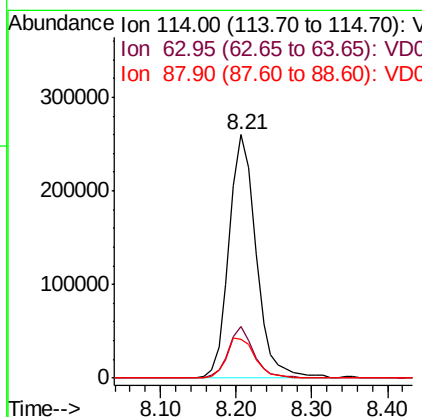
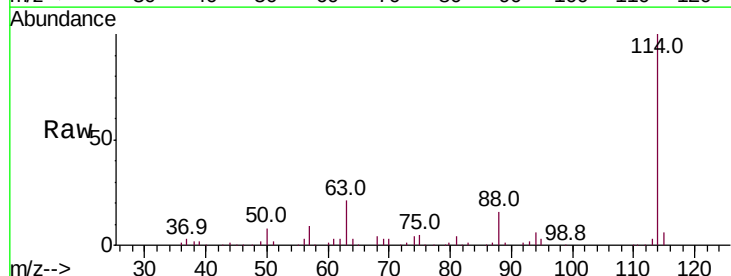
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-006-BRE

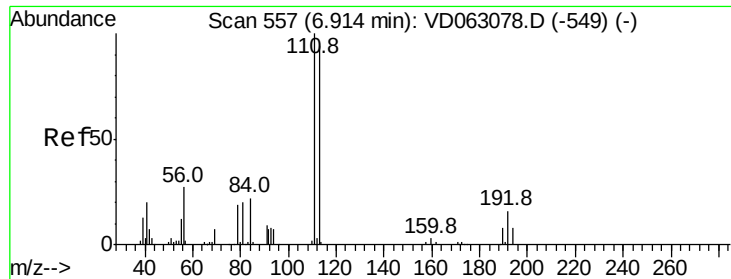
Tot Ion: 65 Resp: 346686
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 86.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063117.D
 Acq: 16 Jul 2019 20:08

Tgt Ion: 114 Resp: 646868
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.6
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 16.517 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD063117.D

Acq: 16 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-BRE

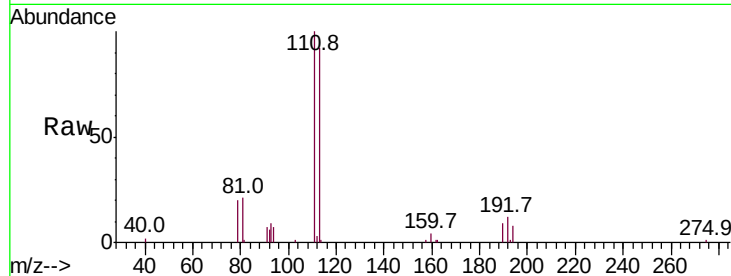
Tot Ion:113 Resp: 106418

Ion Ratio Lower Upper

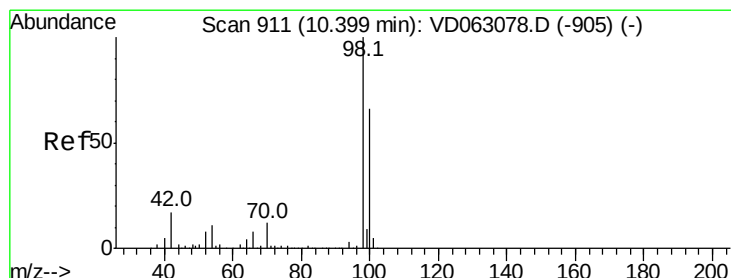
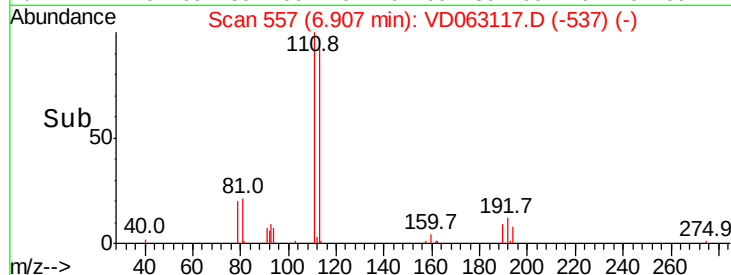
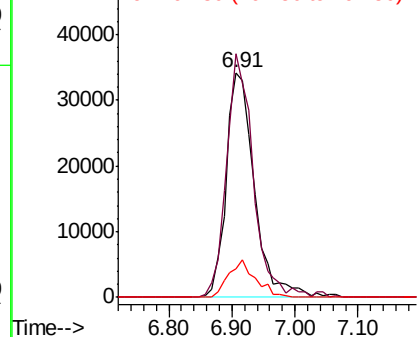
113 100

111 108.3 84.8 127.2

192 12.5 13.4 20.0#



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: 44.746 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063117.D

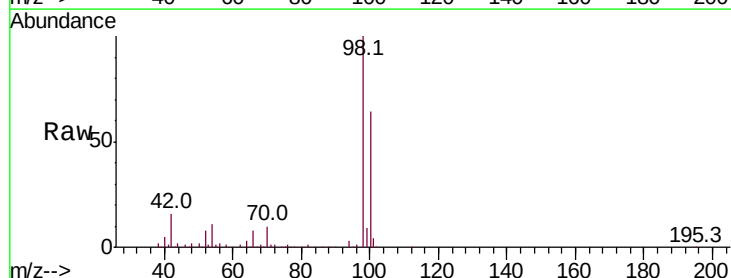
Acq: 16 Jul 2019 20:08

Tgt Ion: 98 Resp: 619257

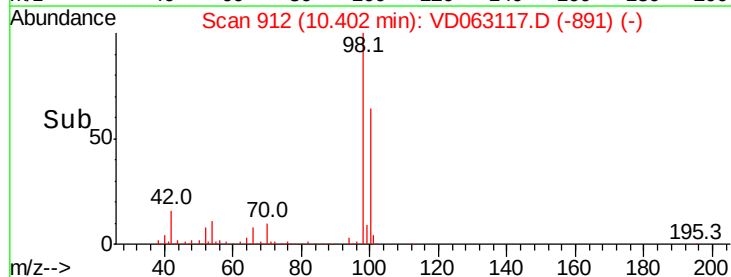
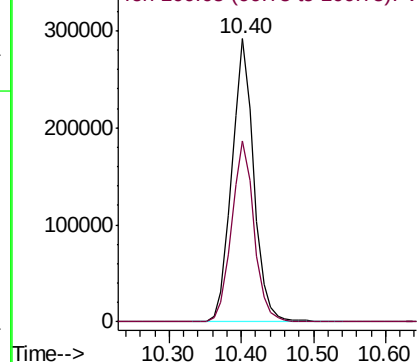
Ion Ratio Lower Upper

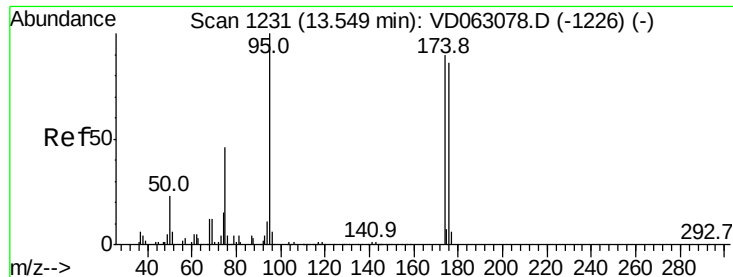
98 100

100 63.9 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

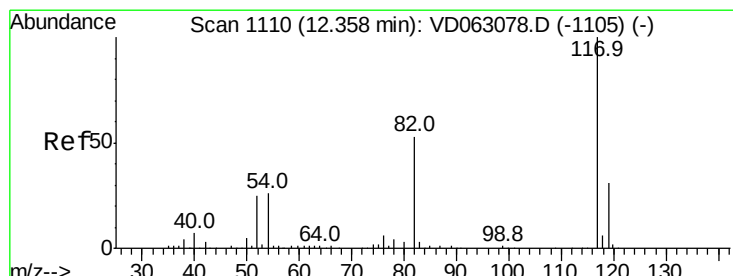
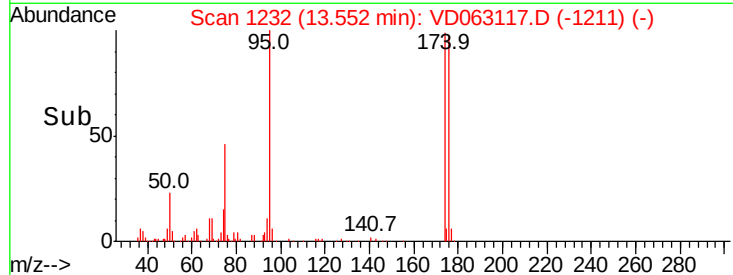
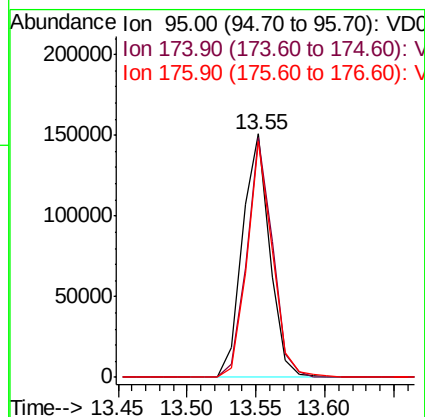
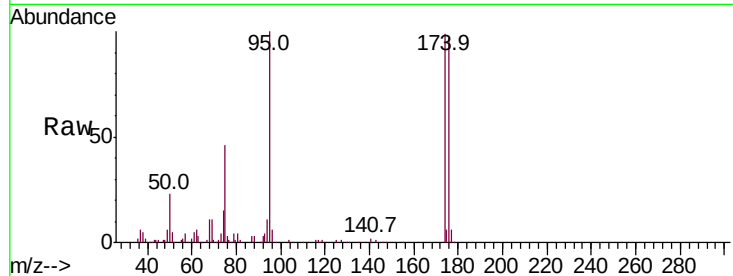




#62
4-Bromofluorobenzene
Concen: 32.566 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

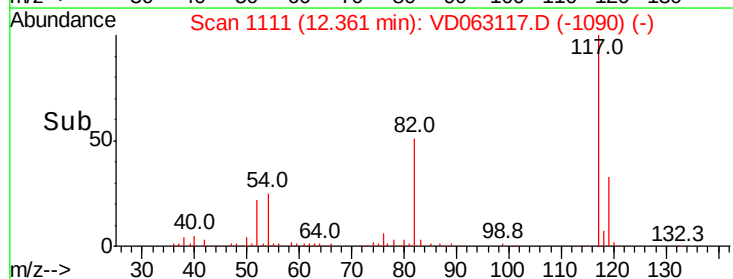
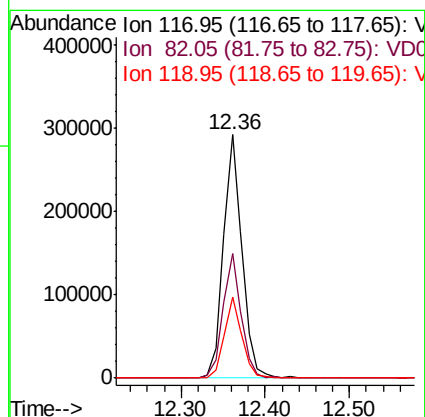
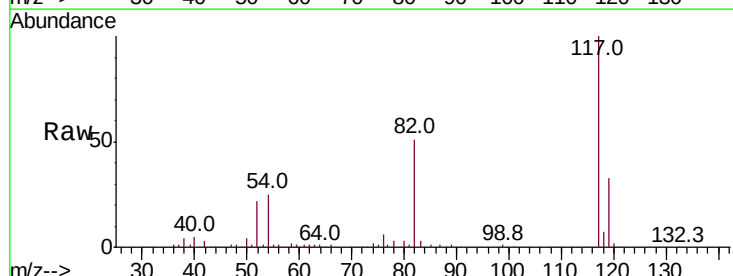
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-BRE

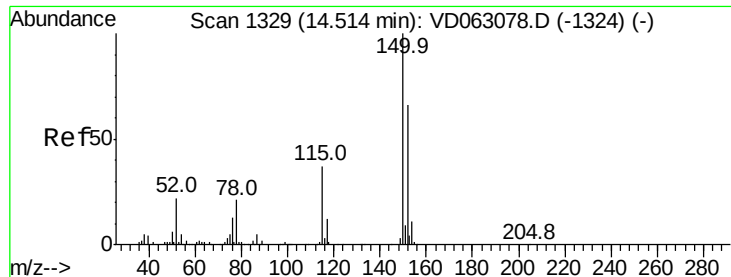
Tot Ion: 95 Resp: 208512
Ion Ratio Lower Upper
95 100
174 98.6 0.0 180.6
176 96.9 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 117 Resp: 446303
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 33.3 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: VD063117.D

Acq: 16 Jul 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-BRE

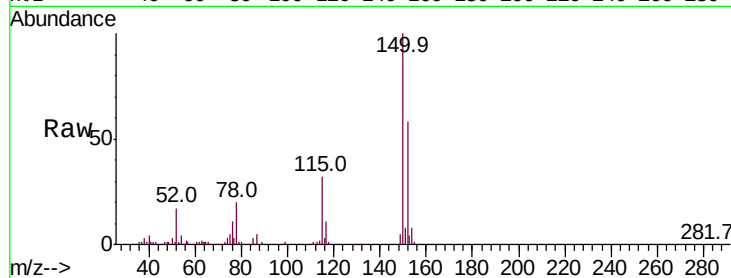
Tot Ion:152 Resp: 134344

Ion Ratio Lower Upper

152 100

115 54.1 28.9 86.8

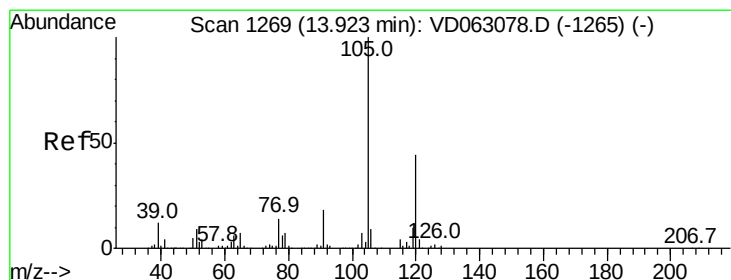
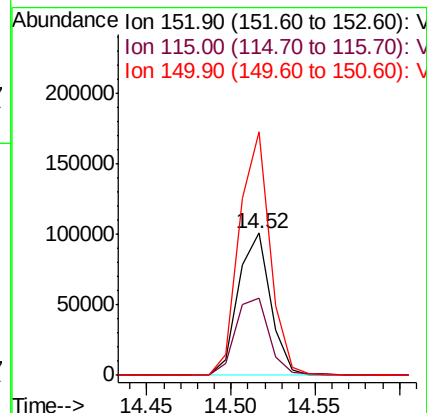
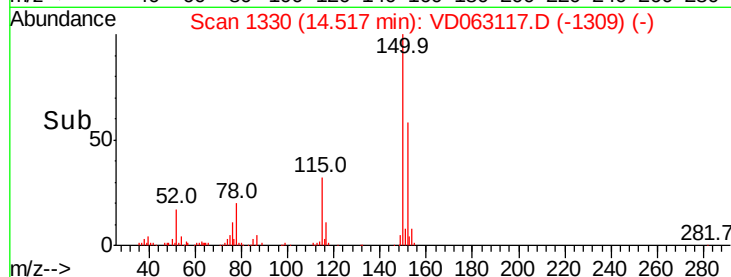
150 171.3 0.0 313.8



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



#80

1,3,5-Trimethylbenzene

Concen: 3.578 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD063117.D

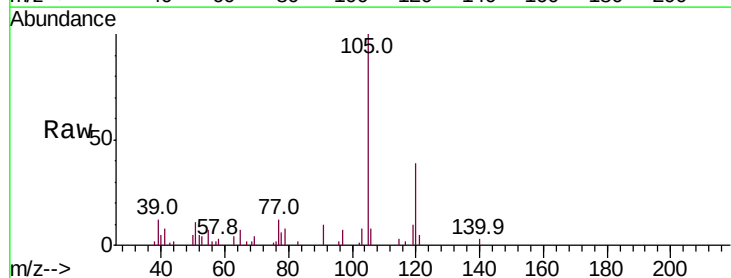
Acq: 16 Jul 2019 20:08

Tgt Ion:105 Resp: 32350

Ion Ratio Lower Upper

105 100

120 39.1 21.8 65.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

