

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063118.D
 Acq On : 16 Jul 2019 20:36
 Operator : VA/AP
 Sample : K3776-02RE
 Misc : 4.81g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 17 08:41:02 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

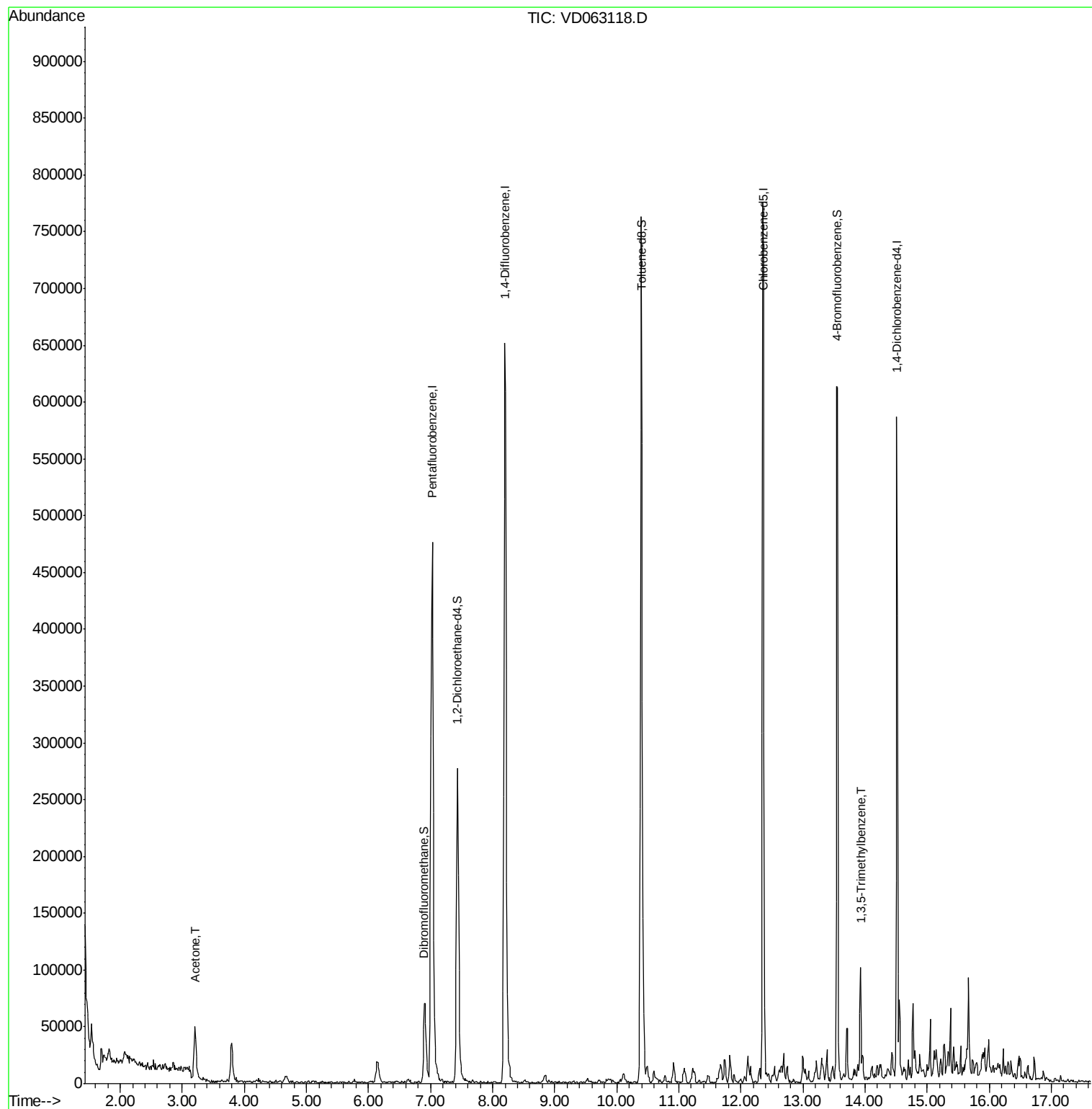
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	469204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	724416	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	432828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	124295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	308726	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
35) Dibromofluoromethane	6.91	113	60911	8.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	16.88%	
50) Toluene-d8	10.39	98	582941	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
62) 4-Bromofluorobenzene	13.54	95	187617	26.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.34%	
Target Compounds						
16) Acetone	3.21	43	94448	66.904	ug/l #	88
80) 1,3,5-Trimethylbenzene	13.93	105	35311	4.221	ug/l	83

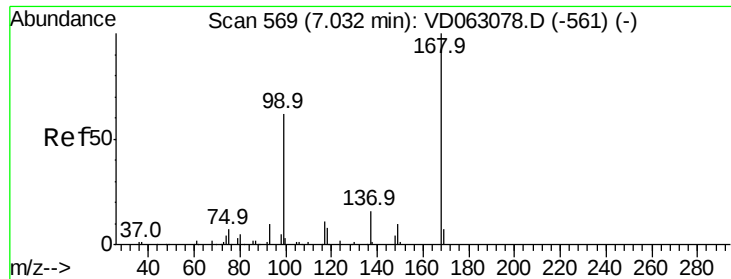
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063118.D

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Instrument :

MSVOA_D

ClientSampleId :

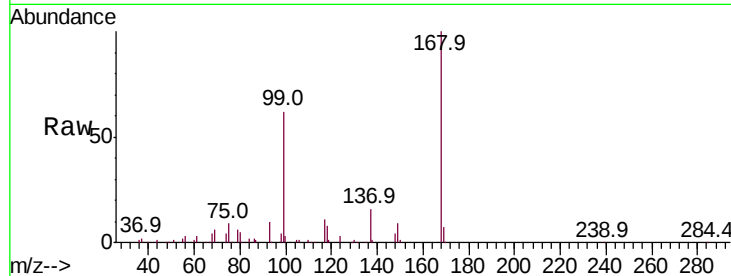
FK-SF-01-006-ARE

Tot Ion:168 Resp: 469204

Ion Ratio Lower Upper

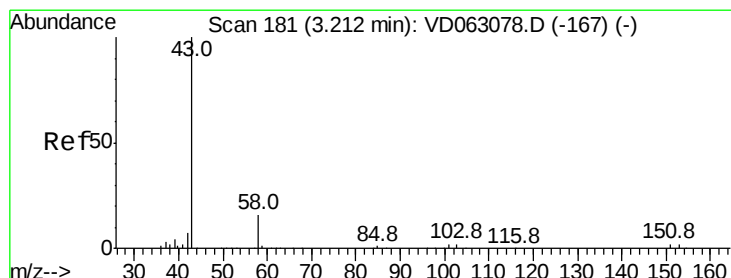
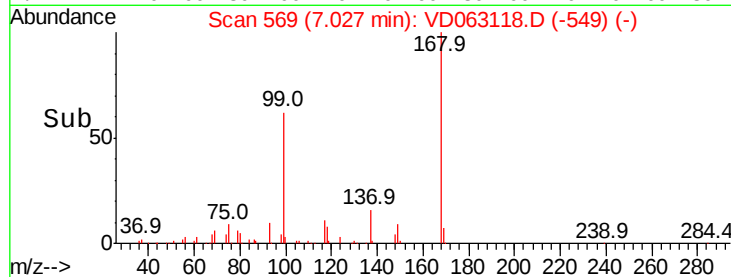
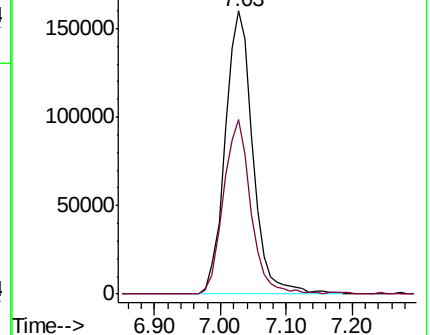
168 100

99 61.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 66.904 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063118.D

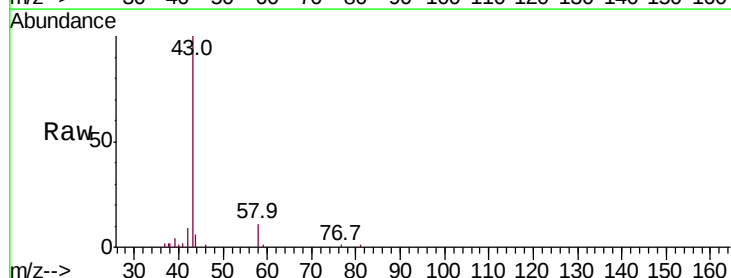
Acq: 16 Jul 2019 20:36

Tgt Ion: 43 Resp: 94448

Ion Ratio Lower Upper

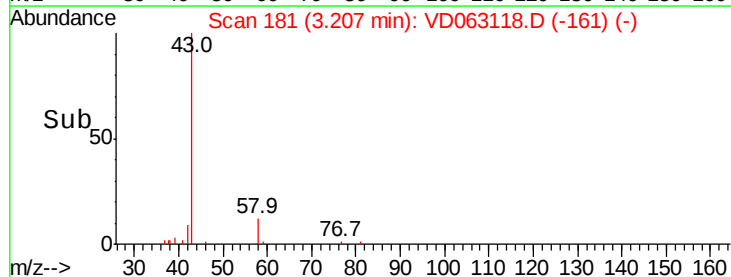
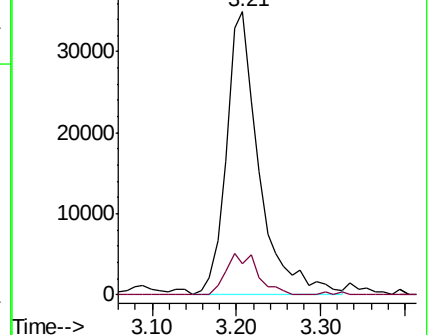
43 100

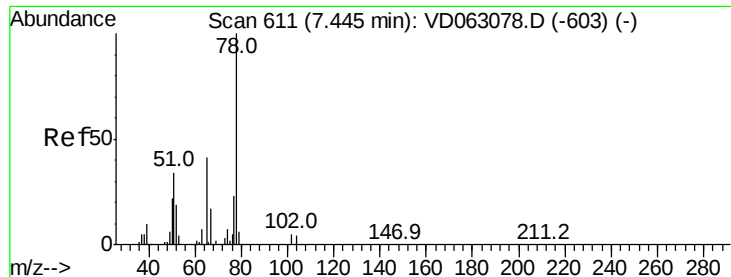
58 11.2 13.0 19.4#



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: 52.820 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD063118.D

Acq: 16 Jul 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

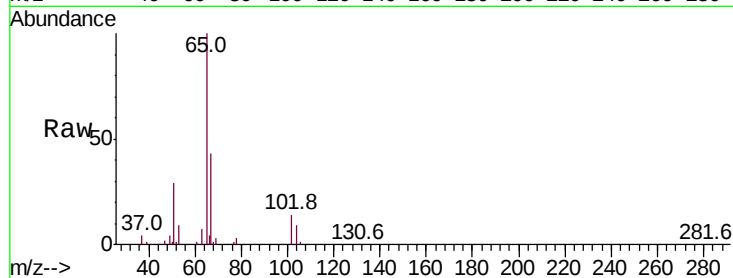
FK-SF-01-006-ARE

Tot Ion: 65 Resp: 308726

Ion Ratio Lower Upper

65 100

67 43.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

120000

100000

80000

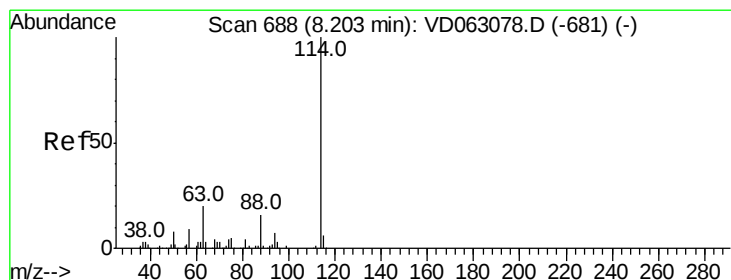
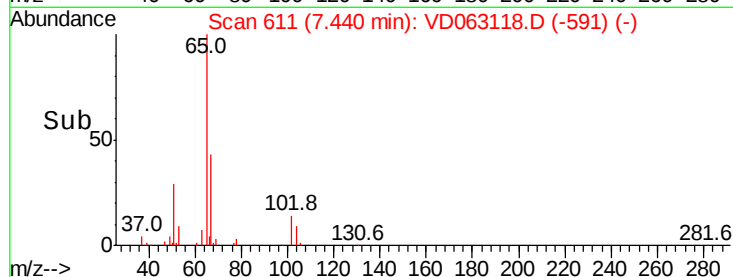
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063118.D

Acq: 16 Jul 2019 20:36

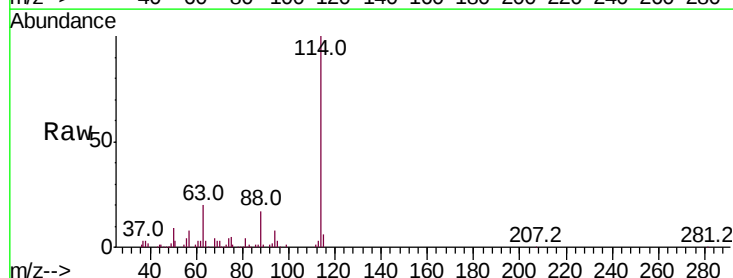
Tgt Ion: 114 Resp: 724416

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 17.0 0.0 32.6



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

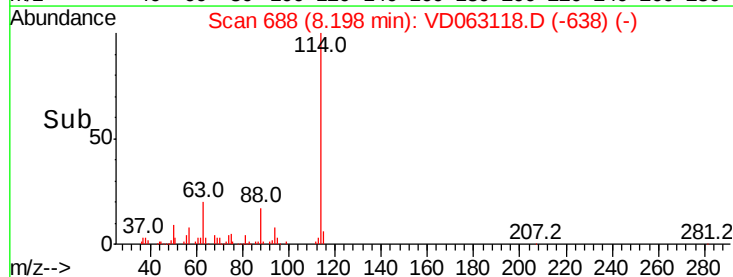
300000

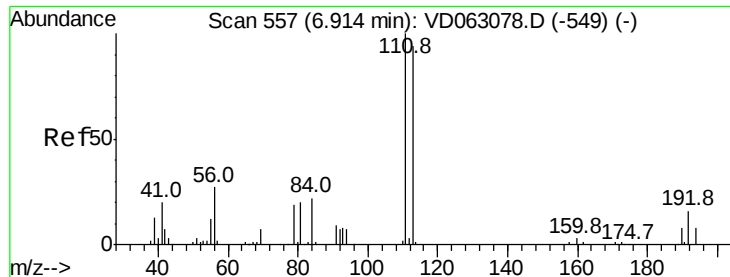
200000

100000

0

Time-->

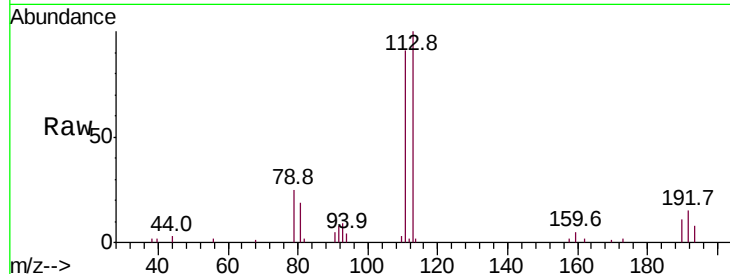




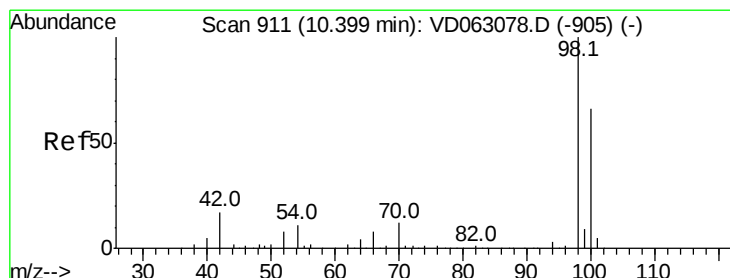
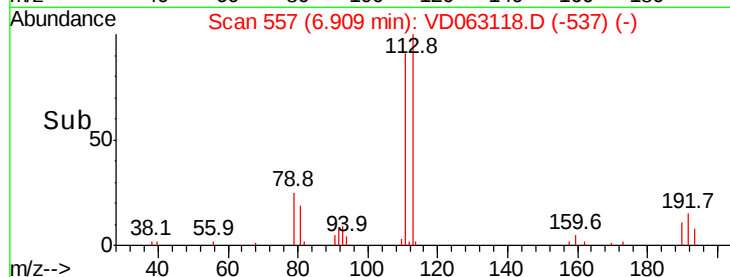
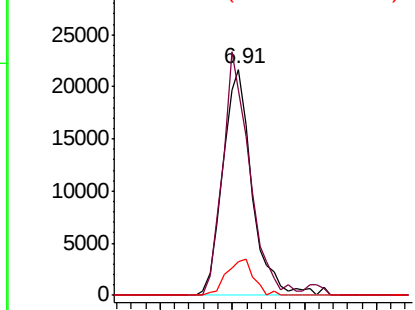
#35
Dibromofluoromethane
Concen: 8.442 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD063118.D
Acq: 16 Jul 2019 20:36

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

Tot Ion:113 Resp: 60911
Ion Ratio Lower Upper
113 100
111 90.7 84.8 127.2
192 15.2 13.4 20.0

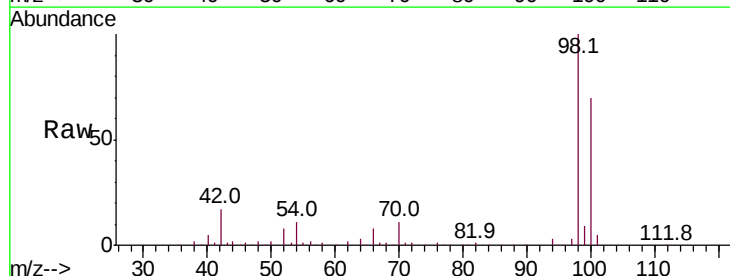


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

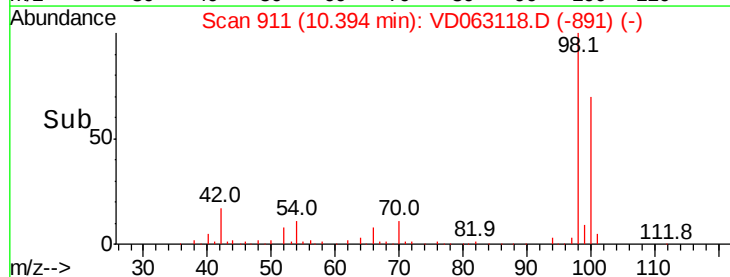
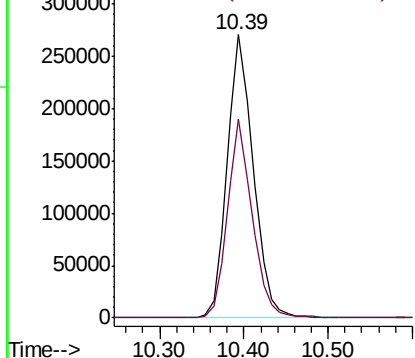


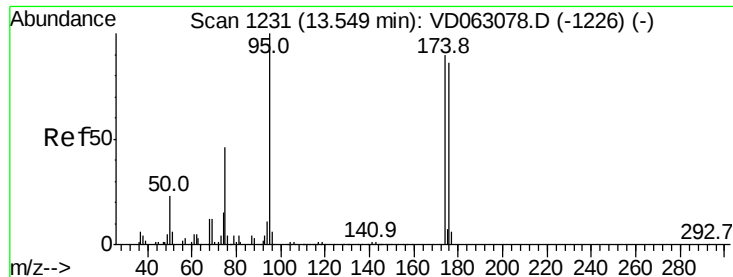
#50
Toluene-d8
Concen: 37.612 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD063118.D
Acq: 16 Jul 2019 20:36

Tgt Ion: 98 Resp: 582941
Ion Ratio Lower Upper
98 100
100 70.4 53.5 80.3



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

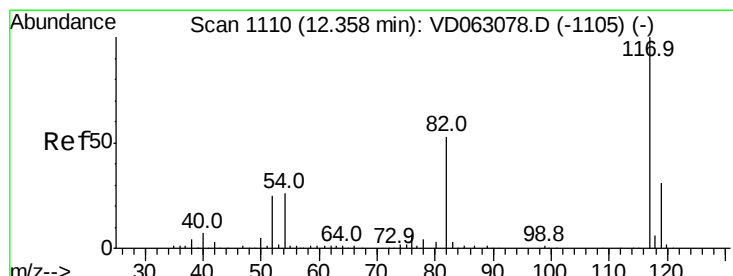
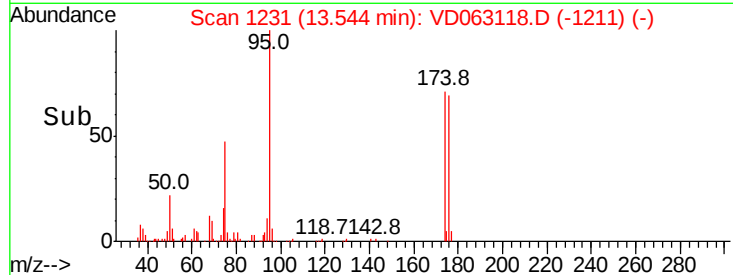
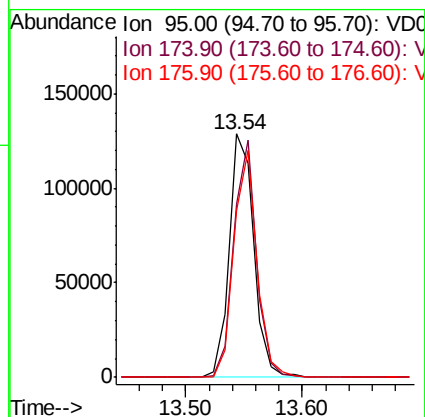
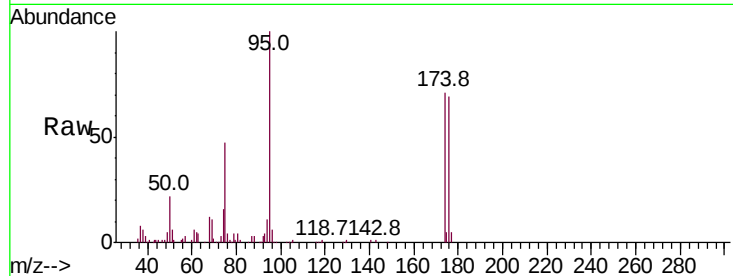




#62
4-Bromofluorobenzene
Concen: 26.166 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063118.D
Acq: 16 Jul 2019 20:36

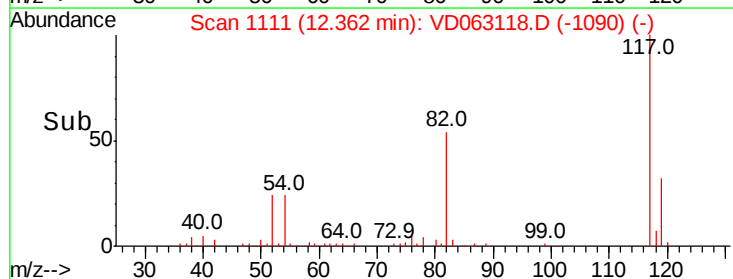
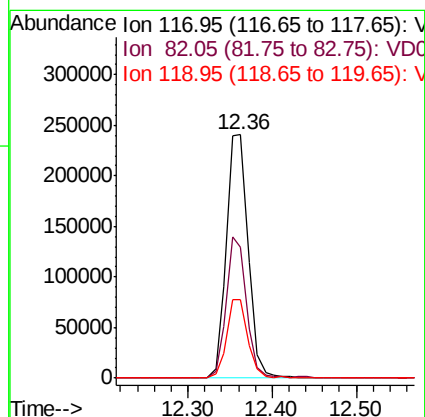
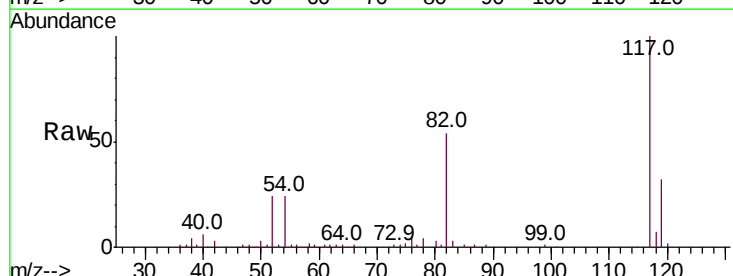
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-ARE

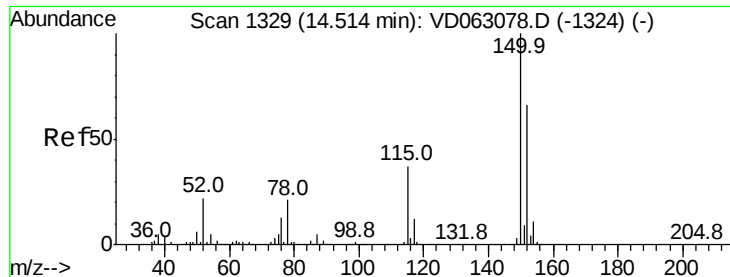
Tot Ion: 95 Resp: 187617
Ion Ratio Lower Upper
95 100
174 71.0 0.0 180.6
176 68.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063118.D
Acq: 16 Jul 2019 20:36

Tgt Ion: 117 Resp: 432828
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.3 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063118.D

Acq: 16 Jul 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-ARE

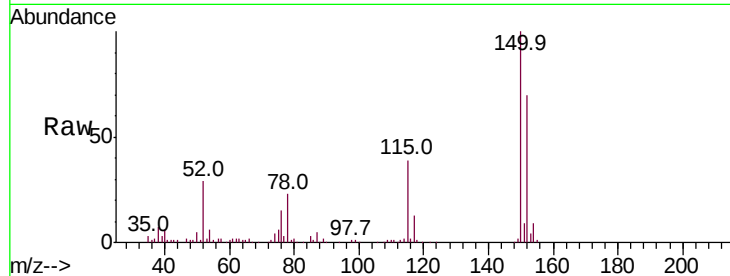
Tot Ion:152 Resp: 124295

Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.8

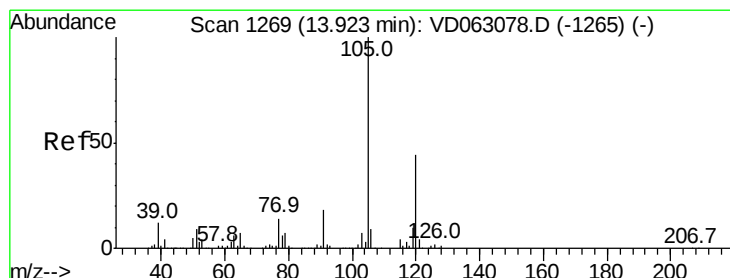
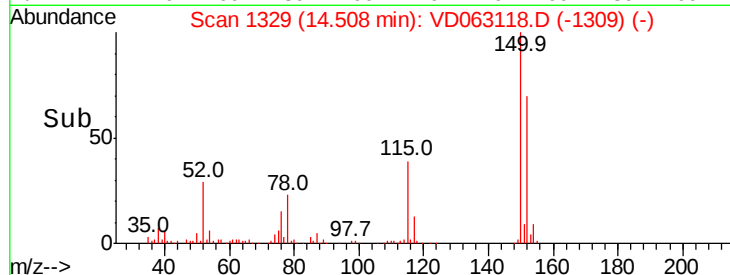
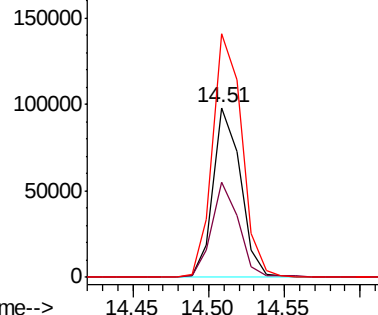
150 143.3 0.0 313.8



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: 4.221 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD063118.D

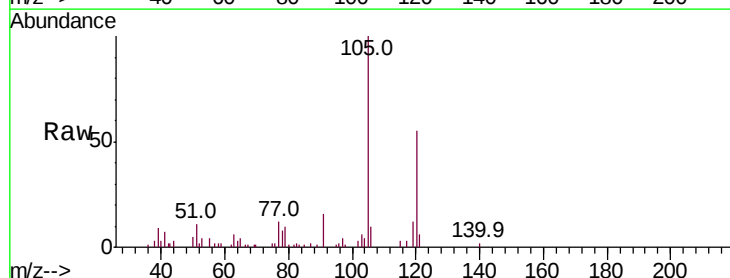
Acq: 16 Jul 2019 20:36

Tgt Ion:105 Resp: 35311

Ion Ratio Lower Upper

105 100

120 54.7 21.8 65.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

