

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063108.D
 Acq On : 16 Jul 2019 15:59
 Operator : VA/AP
 Sample : K3776-04
 Misc : 4.54g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 17 08:13:12 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

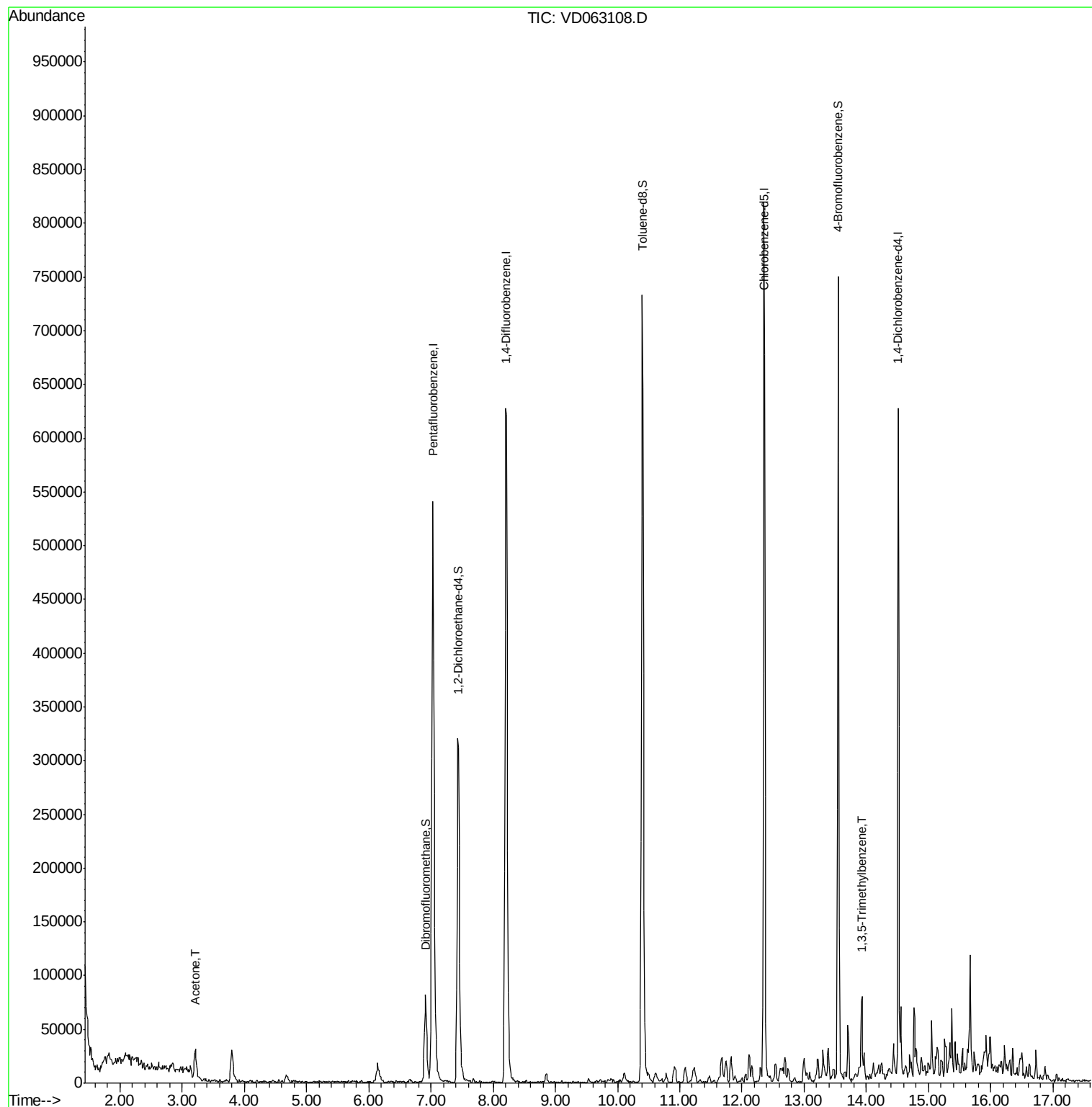
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	507208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	704578	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	445477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	127907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	346989	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	6.91	113	66661	9.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.00%	
50) Toluene-d8	10.40	98	587613	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
62) 4-Bromofluorobenzene	13.55	95	205365	29.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.90%	
Target Compounds						
16) Acetone	3.21	43	57407	37.618	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	32448	3.769	ug/l	95

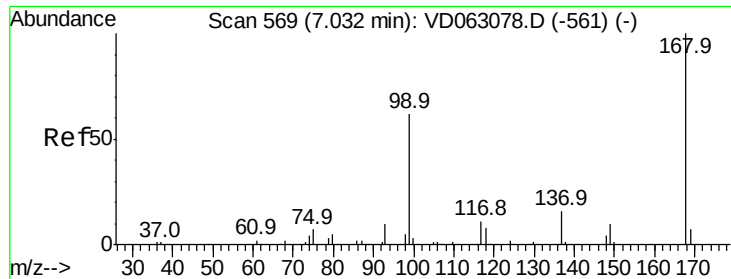
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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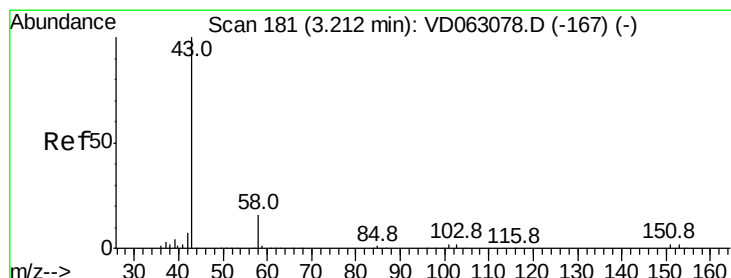
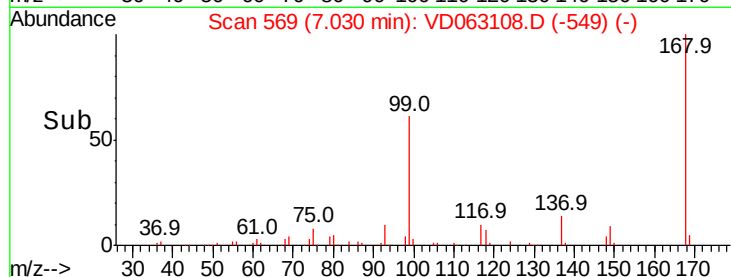
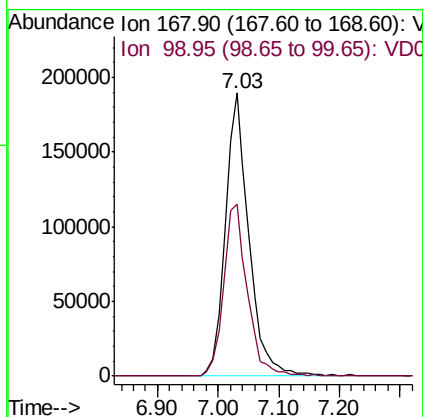
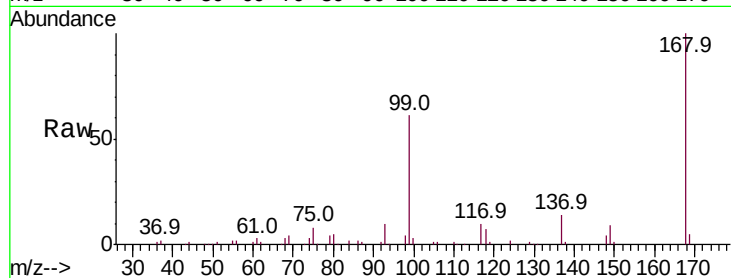




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.00 min
Lab File: VD063108.D
Acq: 16 Jul 2019 15:59

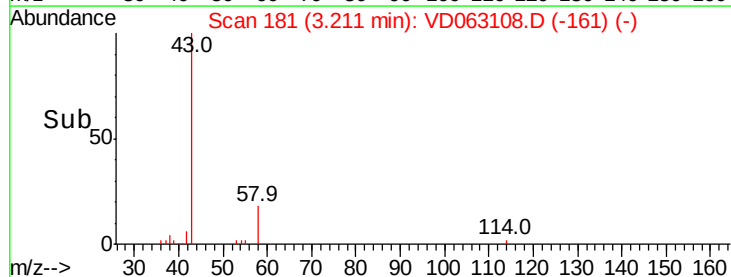
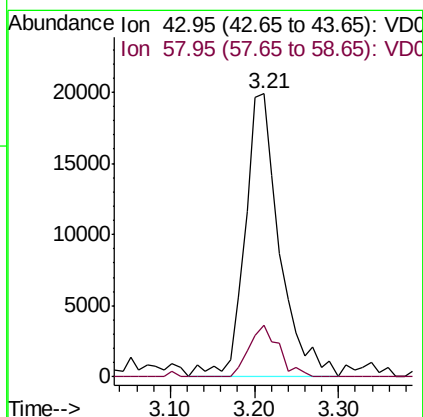
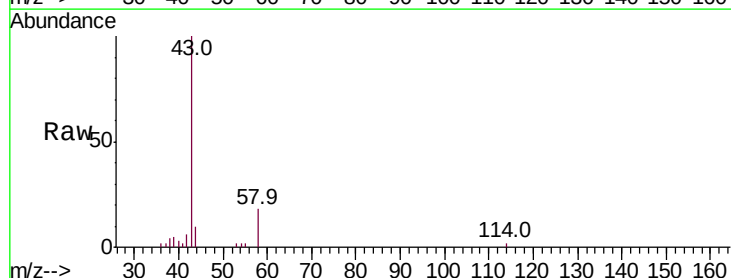
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-B

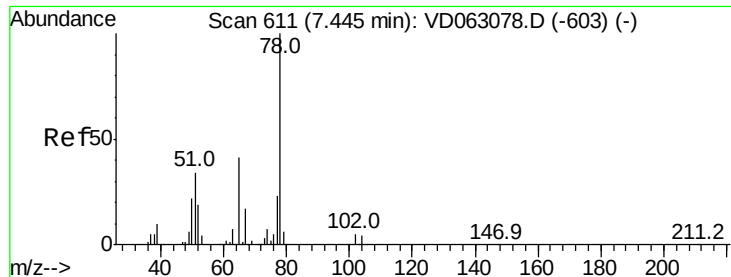
Tot Ion:168 Resp: 507208
Ion Ratio Lower Upper
168 100
99 60.8 50.8 76.2



#16
Acetone
Concen: 37.618 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.00 min
Lab File: VD063108.D
Acq: 16 Jul 2019 15:59

Tgt Ion: 43 Resp: 57407
Ion Ratio Lower Upper
43 100
58 18.5 13.0 19.4





#33

1,2-Dichloroethane-d4

Concen: 54.919 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063108.D

Acq: 16 Jul 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

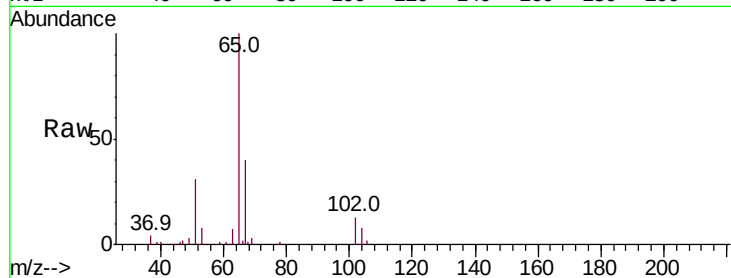
FK-SF-01-006-B

Tot Ion: 65 Resp: 346989

Ion Ratio Lower Upper

65 100

67 40.0 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

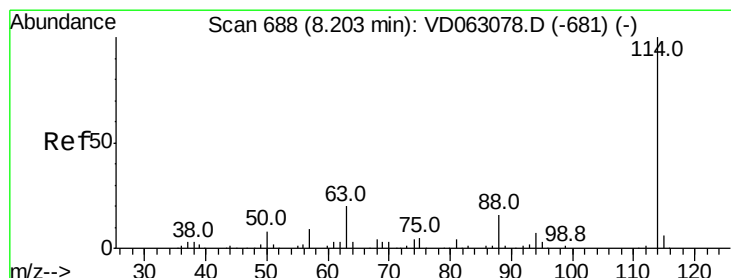
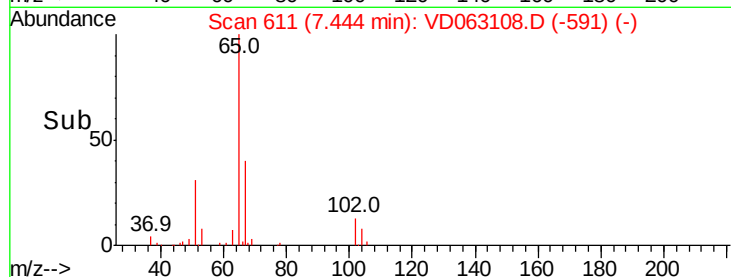
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063108.D

Acq: 16 Jul 2019 15:59

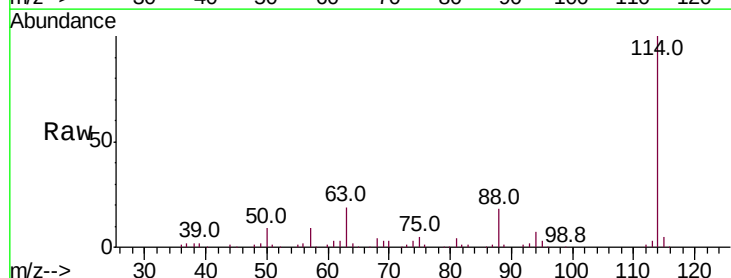
Tgt Ion: 114 Resp: 704578

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.6

88 17.7 0.0 32.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

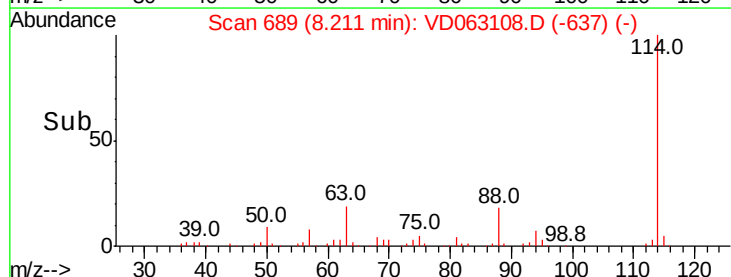
300000

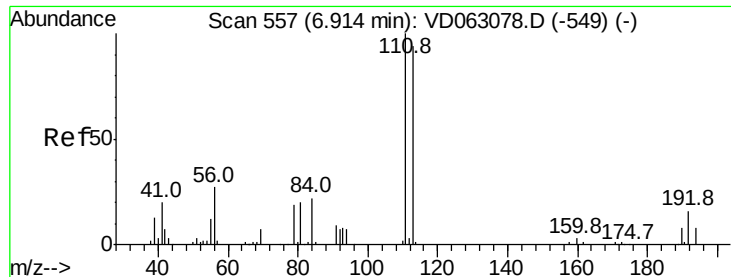
200000

100000

0

Time--> 8.00 8.10 8.20 8.30 8.40

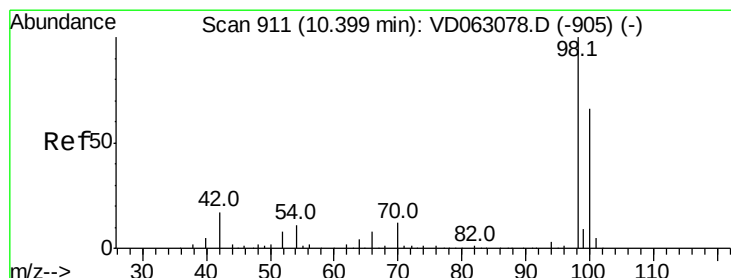
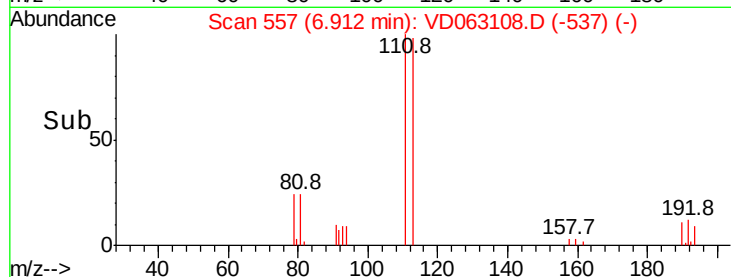
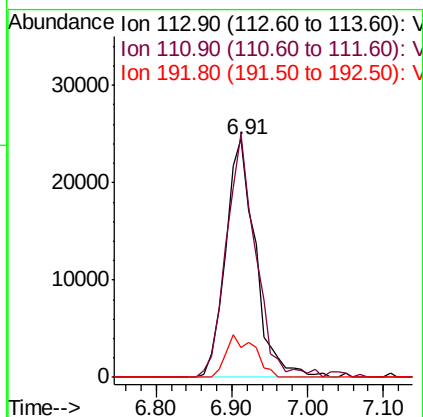
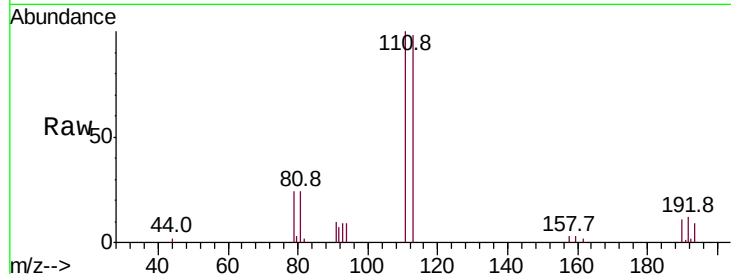




#35
 Dibromofluoromethane
 Concen: 9.499 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063108.D
 Acq: 16 Jul 2019 15:59

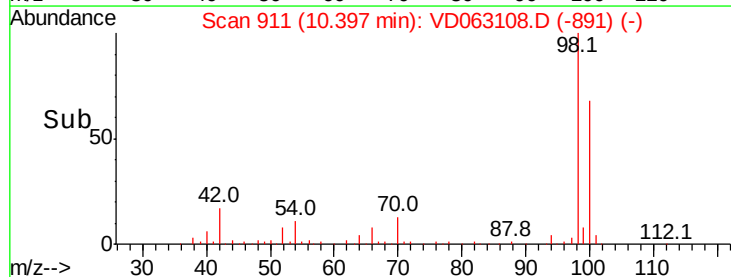
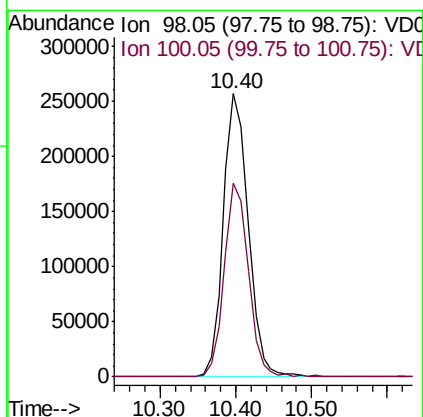
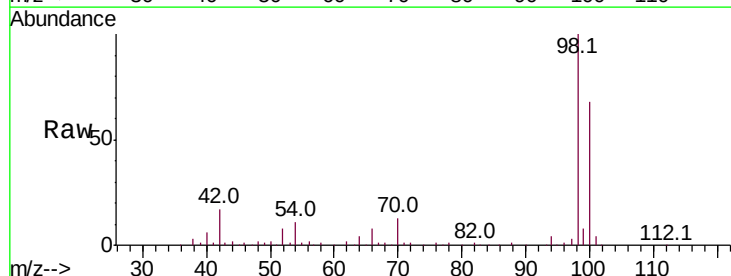
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-006-B

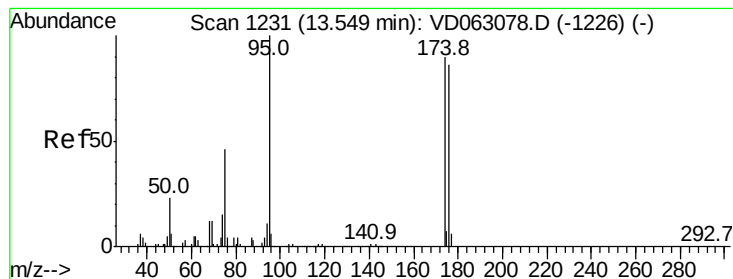
Tot Ion:113 Resp: 66661
 Ion Ratio Lower Upper
 113 100
 111 102.3 84.8 127.2
 192 12.5 13.4 20.0#



#50
 Toluene-d8
 Concen: 38.981 ug/l
 RT: 10.40 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: VD063108.D
 Acq: 16 Jul 2019 15:59

Tgt Ion: 98 Resp: 587613
 Ion Ratio Lower Upper
 98 100
 100 68.3 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 29.448 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063108.D

Acq: 16 Jul 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-B

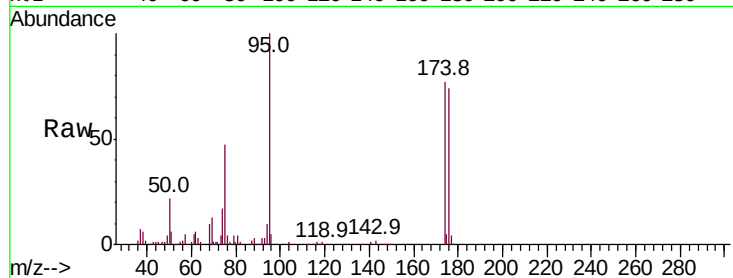
Tot Ion: 95 Resp: 205365

Ion Ratio Lower Upper

95 100

174 76.5 0.0 180.6

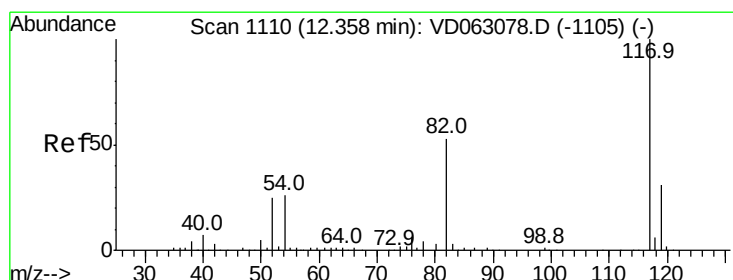
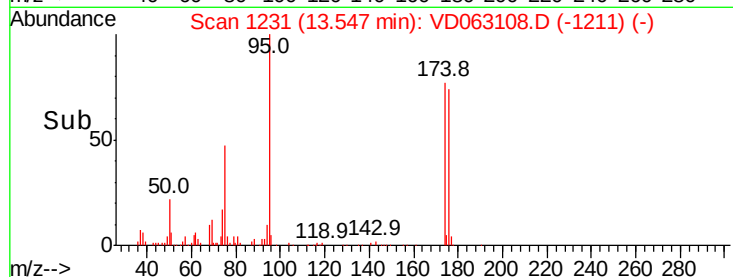
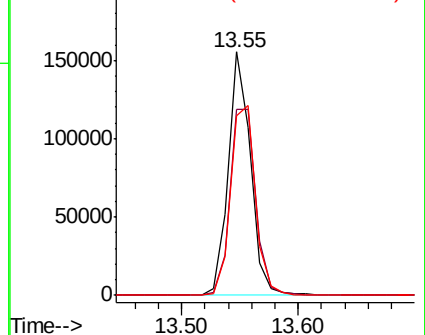
176 74.0 0.0 172.2



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: 12.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD063108.D

Acq: 16 Jul 2019 15:59

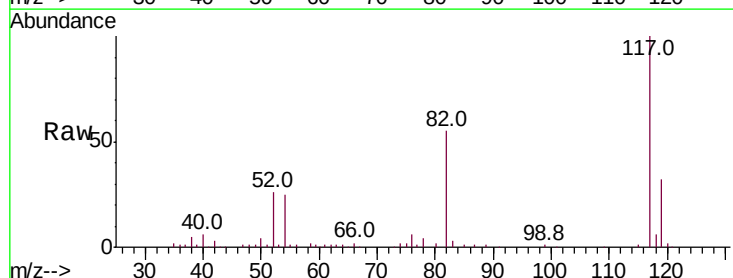
Tgt Ion: 117 Resp: 445477

Ion Ratio Lower Upper

117 100

82 54.8 42.3 63.5

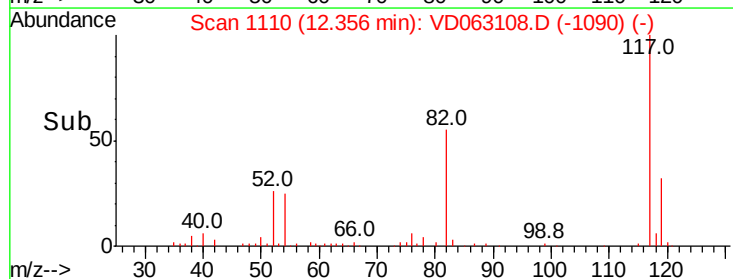
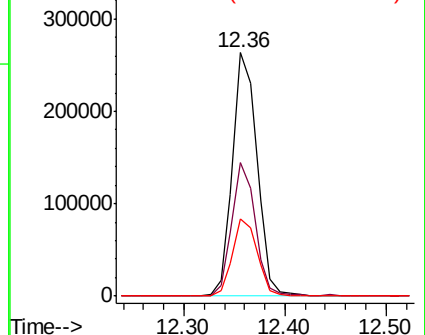
119 31.6 25.2 37.8

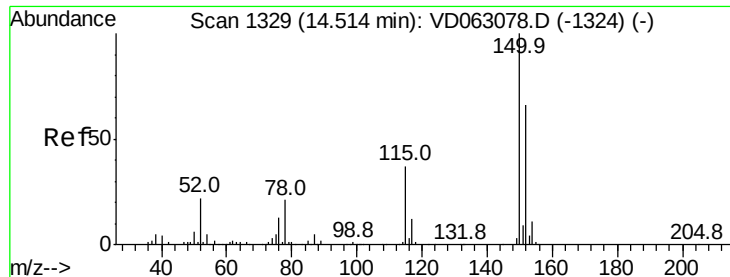


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

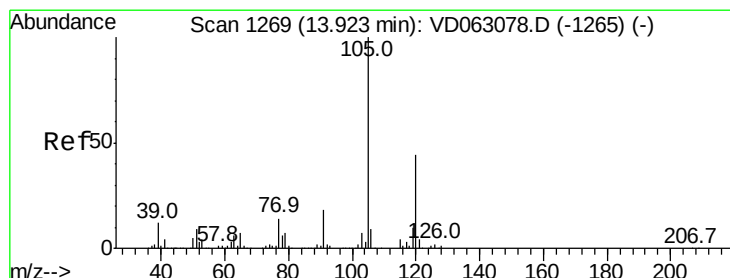
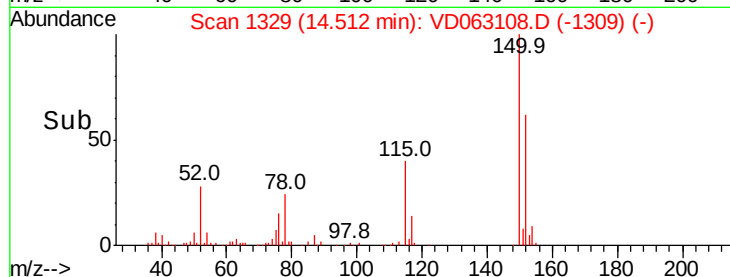
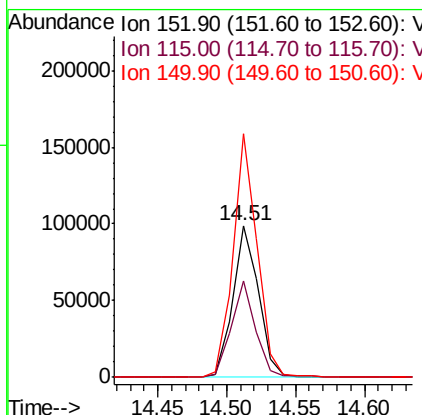
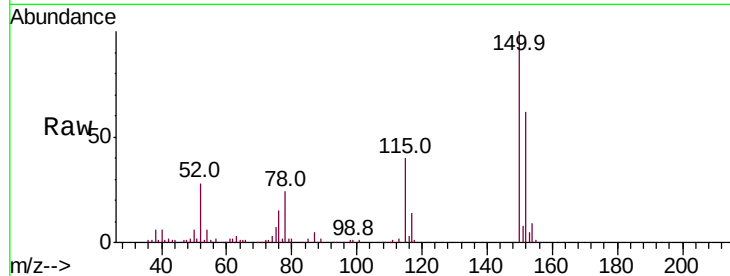




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD063108.D
 Acq: 16 Jul 2019 15:59

Instrument :
 MSVOA_D
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 FK-SF-01-006-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.9	86.8
150	160.6	0.0	313.8



#80
 1,3,5-Trimethylbenzene
 Concen: 3.769 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD063108.D
 Acq: 16 Jul 2019 15:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.1	21.8	65.4

