

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063107.D
 Acq On : 16 Jul 2019 15:31
 Operator : VA/AP
 Sample : K3776-02
 Misc : 3.34g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 17 08:09:19 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

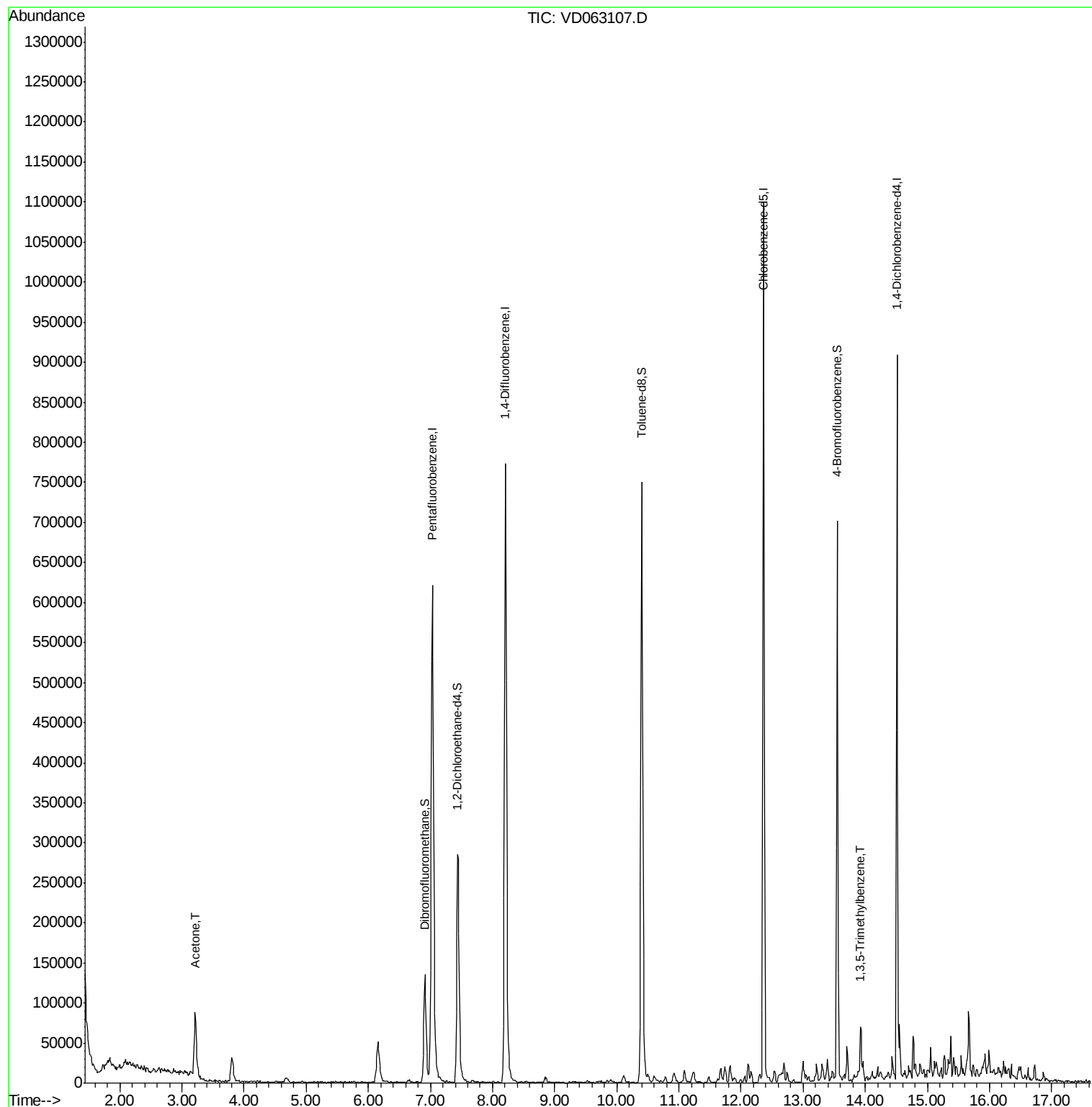
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	579933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	840745	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	587336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	179317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	320433	44.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.72%	
35) Dibromofluoromethane	6.91	113	112289	13.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.82%	
50) Toluene-d8	10.40	98	589680	32.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.56%	
62) 4-Bromofluorobenzene	13.55	95	197288	23.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.42%	
Target Compounds						
16) Acetone	3.21	43	166500	95.424	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	28493	2.361	ug/l	89

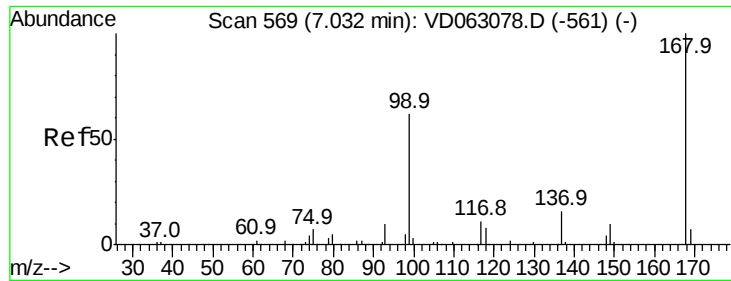
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 08:11:56 2019
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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: VD063107.D

Acq: 16 Jul 2019 15:31

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MSVOA_D

ClientSampleId :

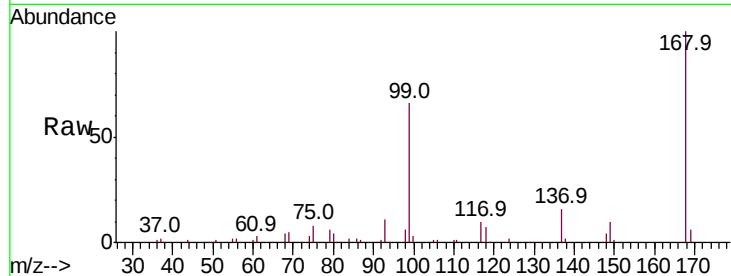
FK-SF-01-006-A

Tot Ion:168 Resp: 579933

Ion Ratio Lower Upper

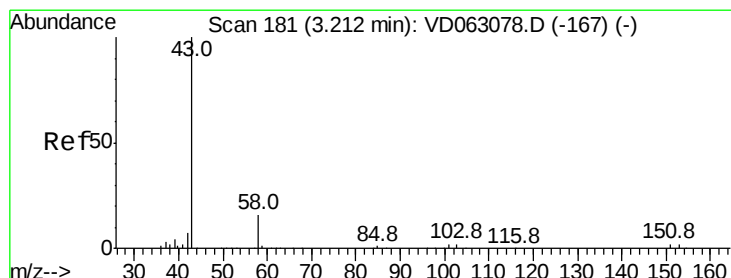
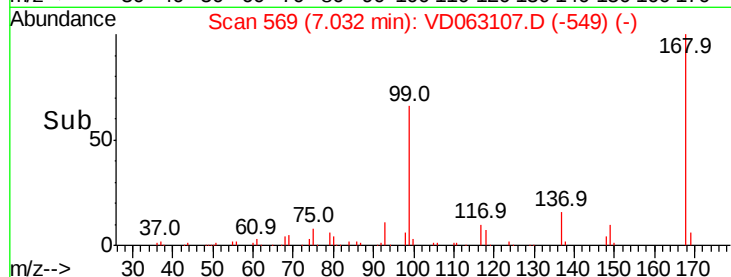
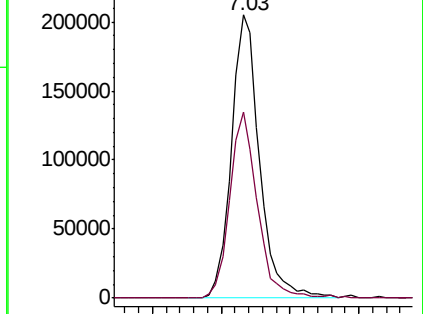
168 100

99 65.8 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: 95.424 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063107.D

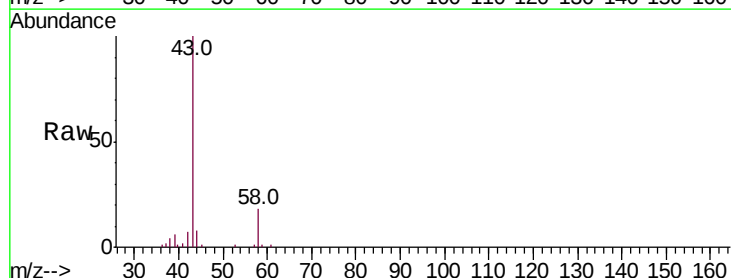
Acq: 16 Jul 2019 15:31

Tgt Ion: 43 Resp: 166500

Ion Ratio Lower Upper

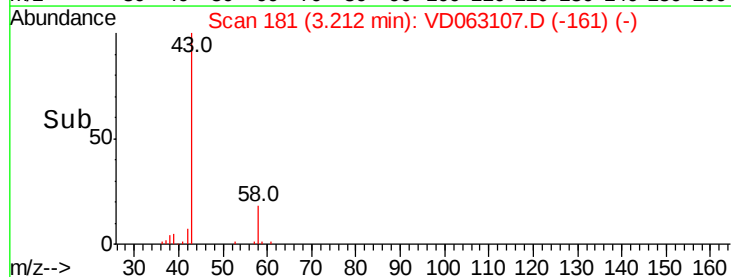
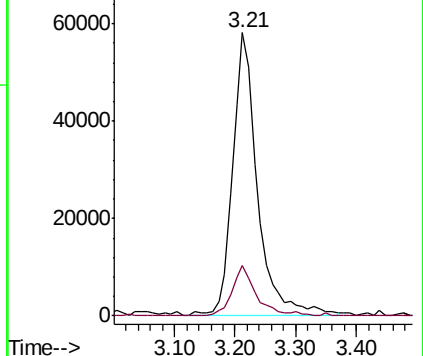
43 100

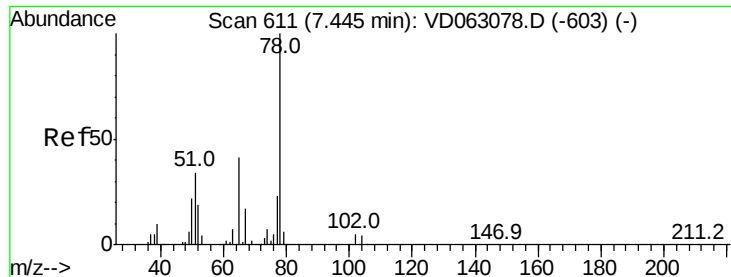
58 17.9 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

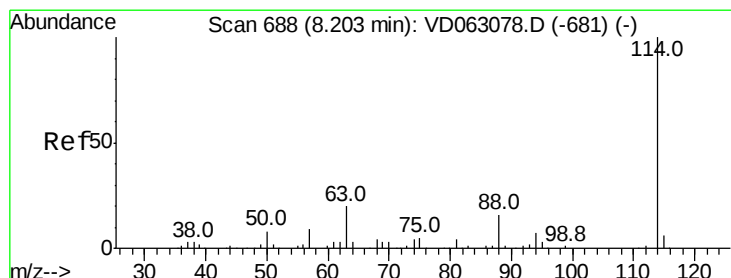
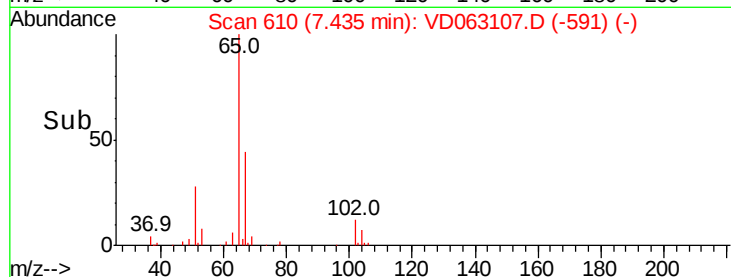
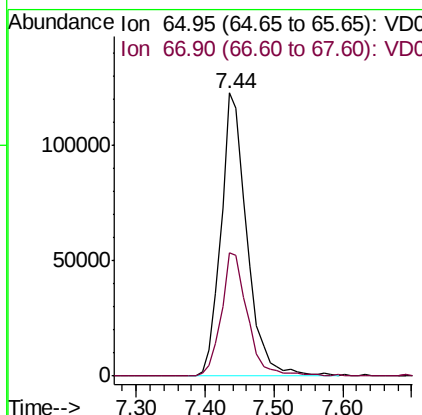
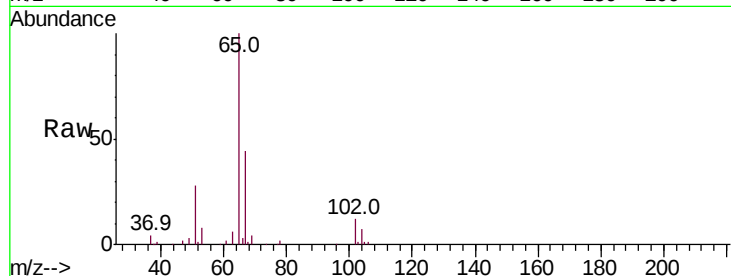




#33
 1,2-Dichloroethane-d4
 Concen: 44.356 ug/l
 RT: 7.44 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD063107.D
 Acq: 16 Jul 2019 15:31

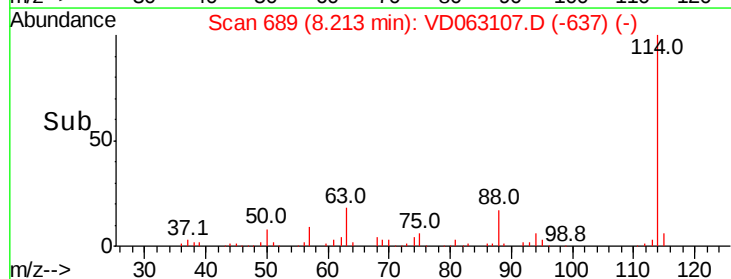
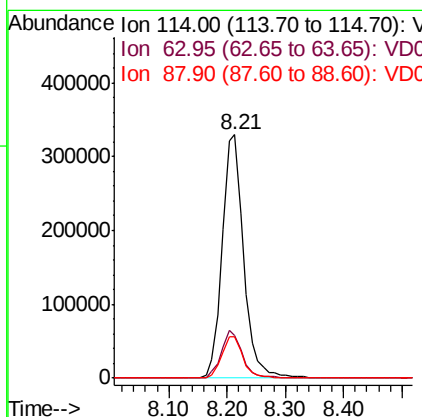
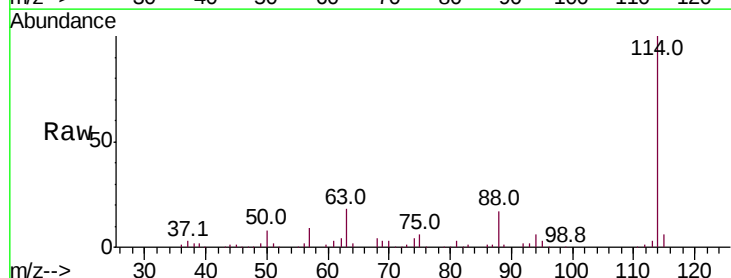
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-006-A

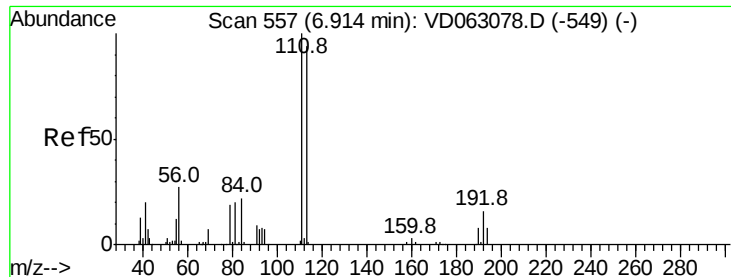
Tot Ion: 65 Resp: 320433
 Ion Ratio Lower Upper
 65 100
 67 43.6 0.0 86.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063107.D
 Acq: 16 Jul 2019 15:31

Tgt Ion: 114 Resp: 840745
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 40.6
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 13.409 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063107.D

Acq: 16 Jul 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-A

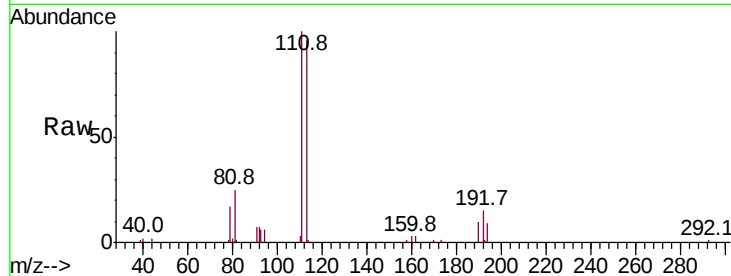
Tot Ion:113 Resp: 112289

Ion Ratio Lower Upper

113 100

111 104.6 84.8 127.2

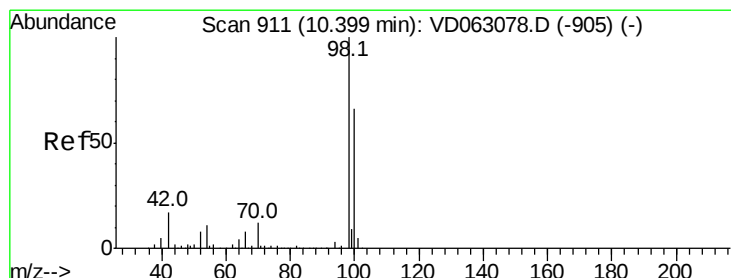
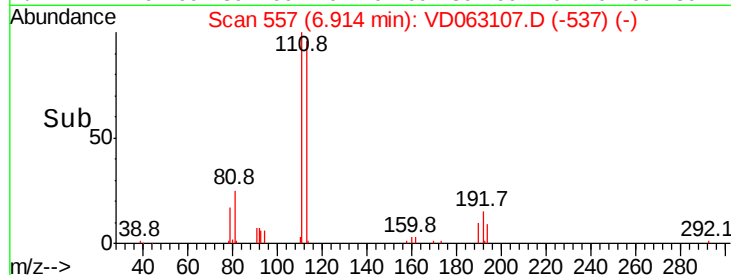
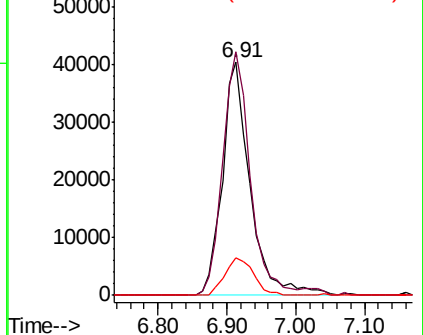
192 15.9 13.4 20.0



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: 32.783 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063107.D

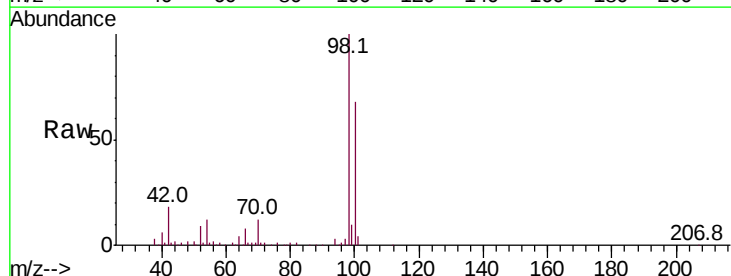
Acq: 16 Jul 2019 15:31

Tgt Ion: 98 Resp: 589680

Ion Ratio Lower Upper

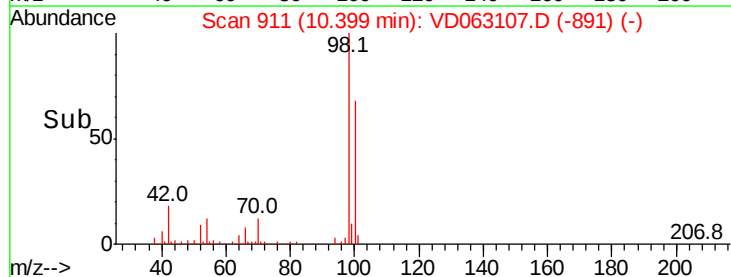
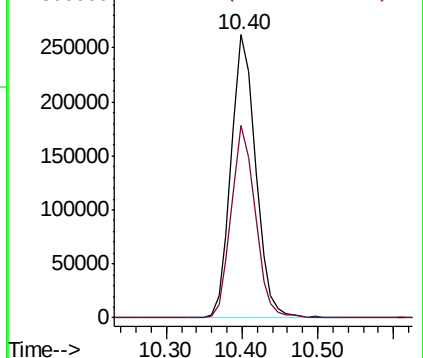
98 100

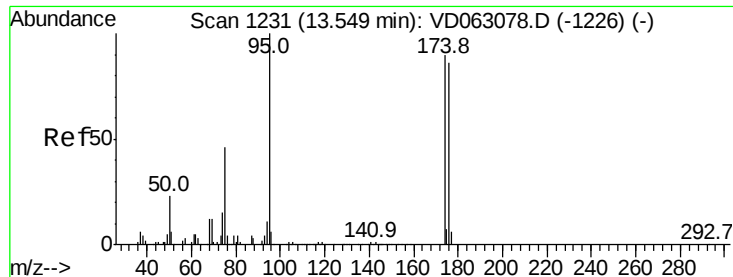
100 67.8 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 23.708 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063107.D

Acq: 16 Jul 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

FK-SF-01-006-A

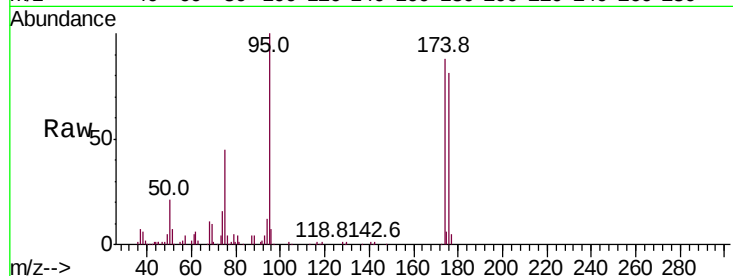
Tot Ion: 95 Resp: 197288

Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.6

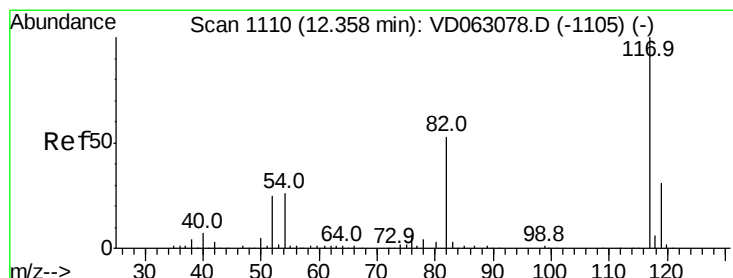
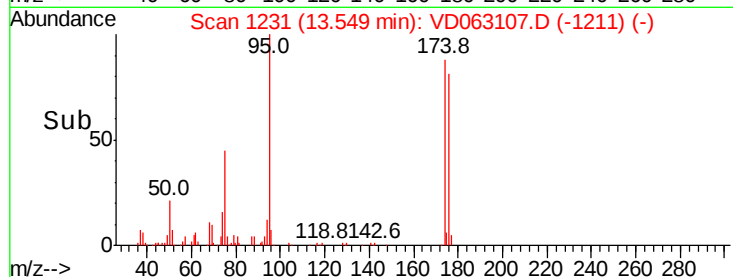
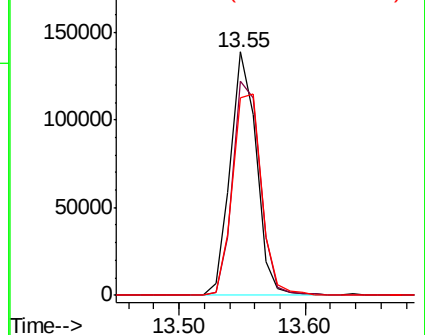
176 80.9 0.0 172.2



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: VD063107.D

Acq: 16 Jul 2019 15:31

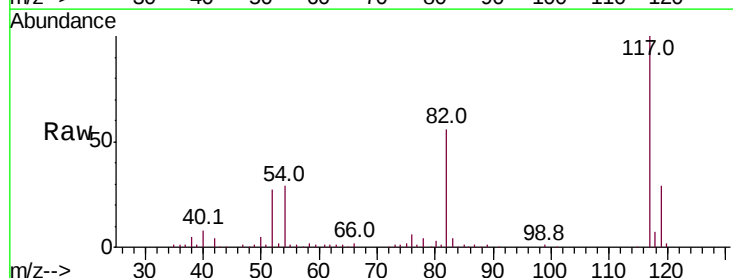
Tgt Ion: 117 Resp: 587336

Ion Ratio Lower Upper

117 100

82 55.8 42.3 63.5

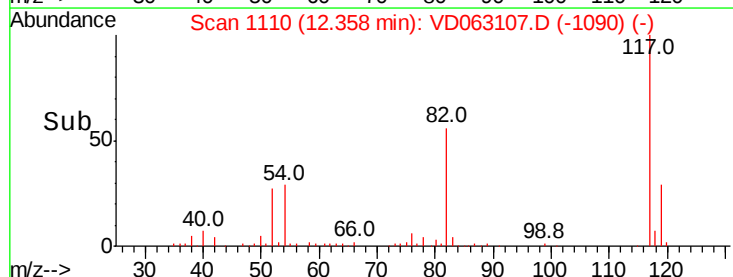
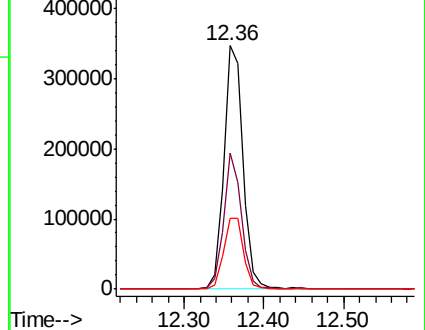
119 29.0 25.2 37.8

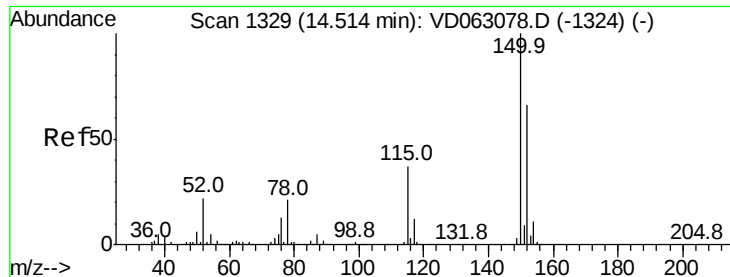


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063107.D

Acq: 16 Jul 2019 15:31

Instrument :

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ClientSampleId :

FK-SF-01-006-A

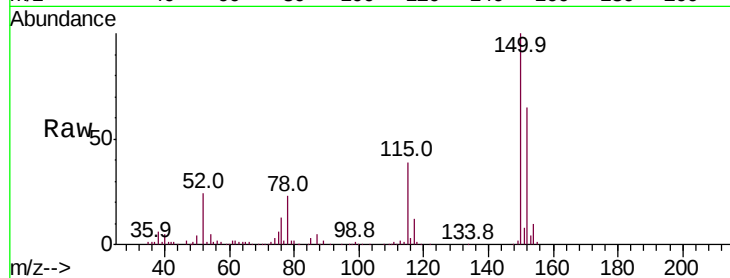
Tot Ion:152 Resp: 179317

Ion Ratio Lower Upper

152 100

115 60.4 28.9 86.8

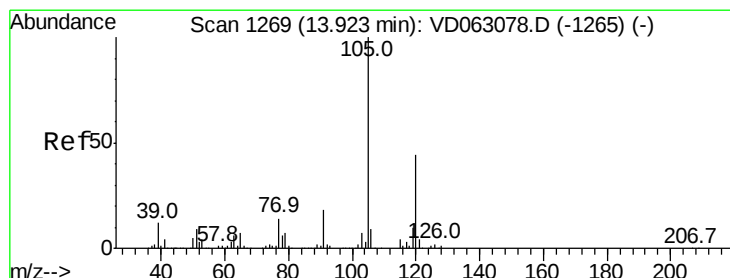
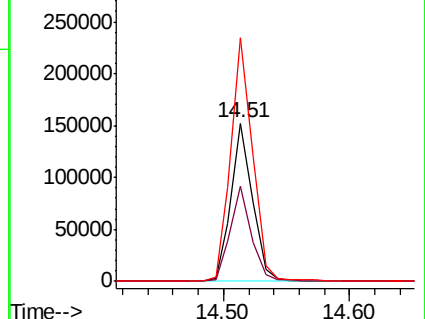
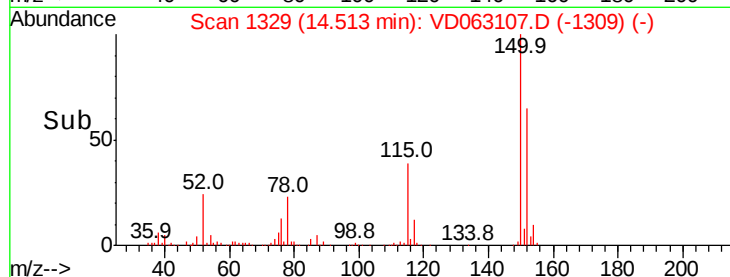
150 153.7 0.0 313.8



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: 2.361 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD063107.D

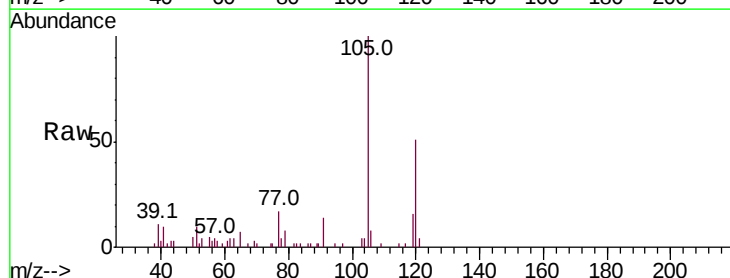
Acq: 16 Jul 2019 15:31

Tgt Ion:105 Resp: 28493

Ion Ratio Lower Upper

105 100

120 50.8 21.8 65.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

