

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063587.D
 Acq On : 14 Aug 2019 21:14
 Operator : JC/SY
 Sample : K4324-03RE
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-F1-(4)RE

Quant Time: Aug 15 13:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

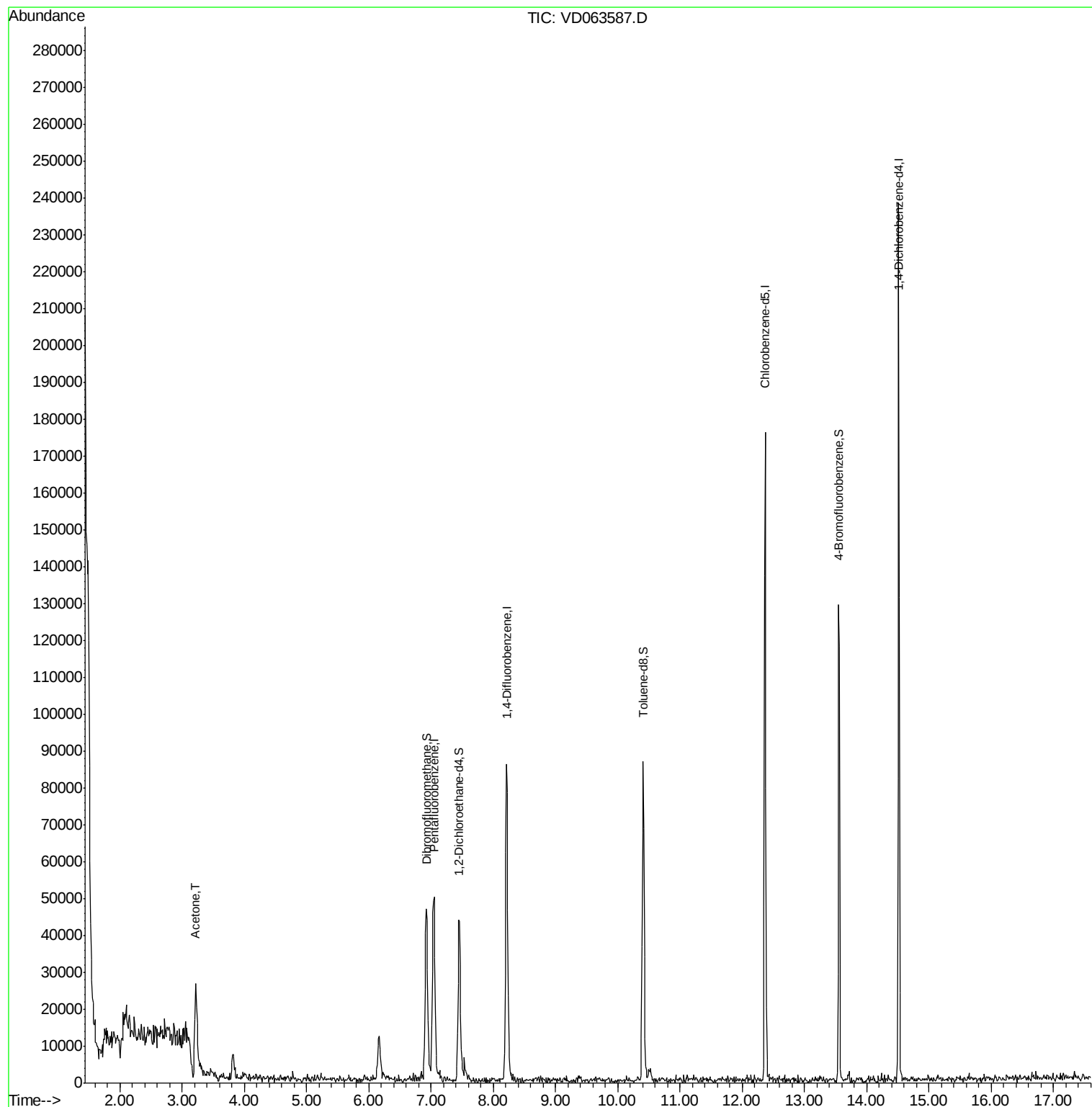
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	52286	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	86085	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	92968	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	51142	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	51387	91.94	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	183.88%	
35) Dibromofluoromethane	6.92	113	40614	56.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.04%	
50) Toluene-d8	10.41	98	69631	43.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	13.55	95	37041	51.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.54%	
Target Compounds						
16) Acetone	3.22	43	51627	454.412	ug/l #	Qvalue 88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

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Acq: 14 Aug 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

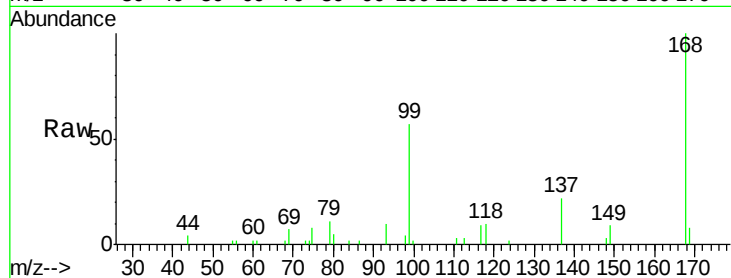
T8-F1-(4)RE

Tot Ion:168 Resp: 52286

Ion Ratio Lower Upper

168 100

99 57.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

15000

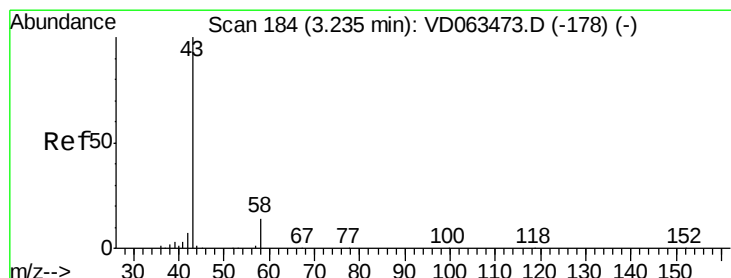
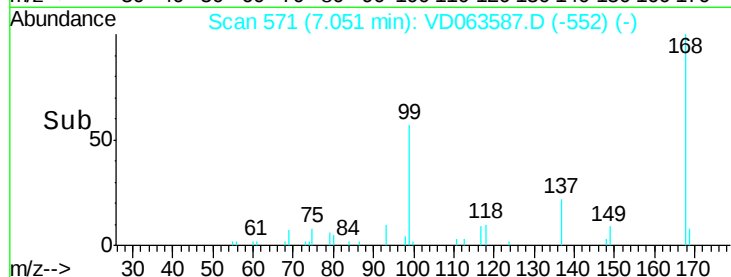
10000

5000

0

Time-->

6.95 7.00 7.05 7.10 7.15



#16

Acetone

Concen: 454.412 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063587.D

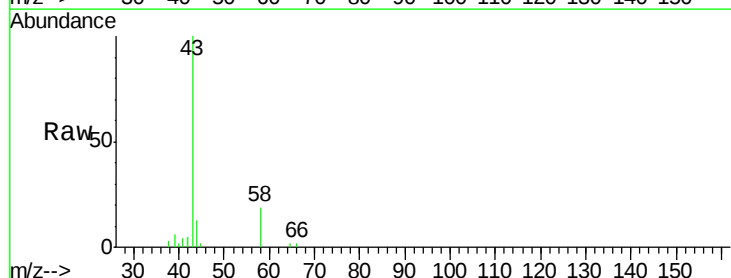
Acq: 14 Aug 2019 21:14

Tgt Ion: 43 Resp: 51627

Ion Ratio Lower Upper

43 100

58 19.1 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

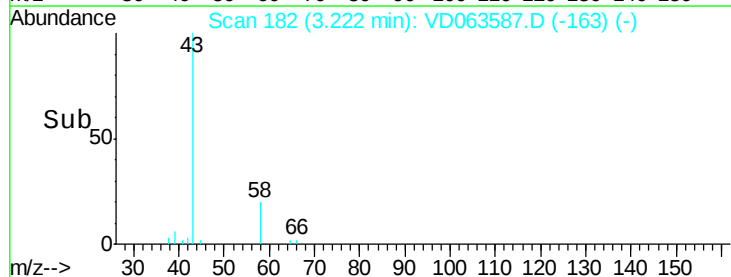
10000

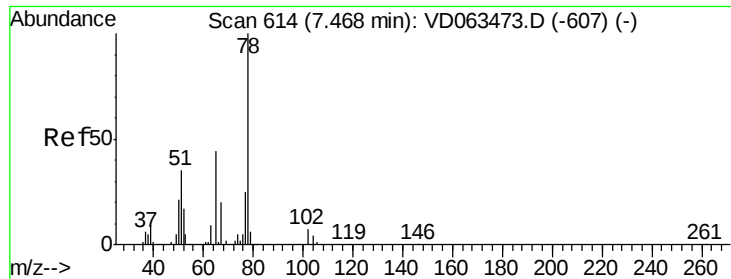
5000

0

Time-->

3.10 3.20 3.30

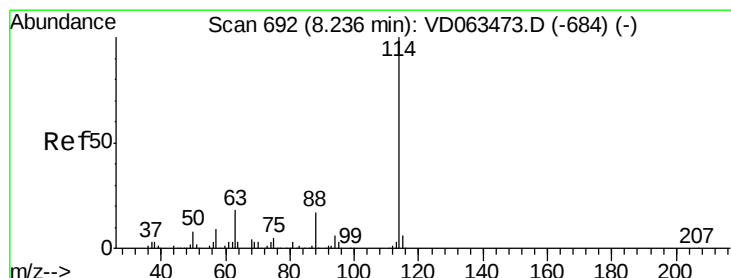
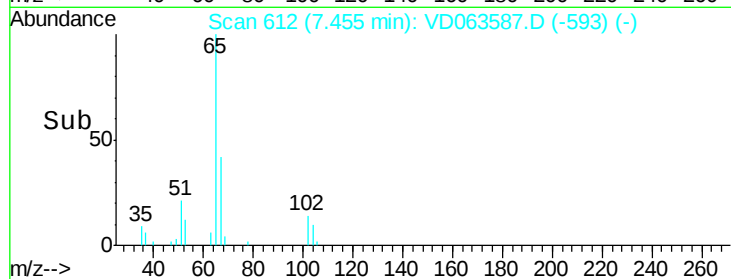
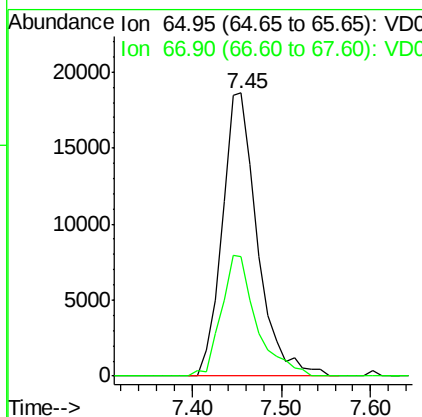
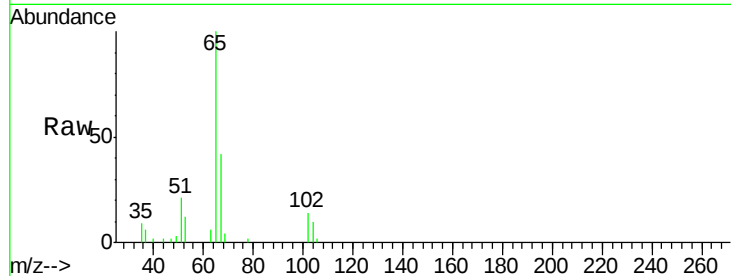




#33
 1,2-Dichloroethane-d4
 Concen: 91.944 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD063587.D
 Acq: 14 Aug 2019 21:14

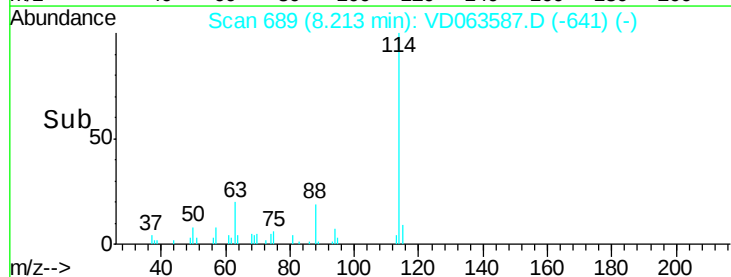
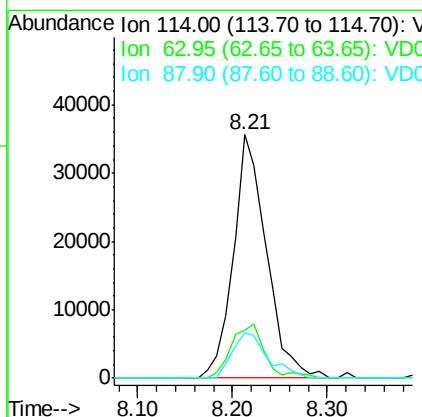
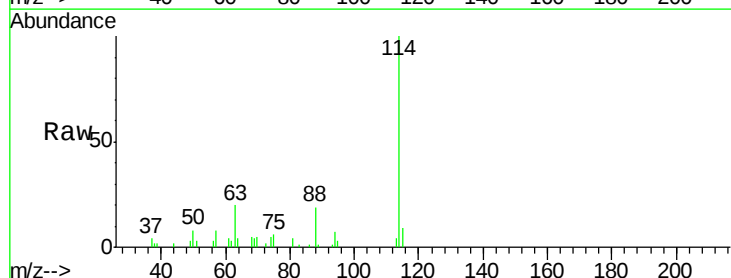
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-F1-(4)RE

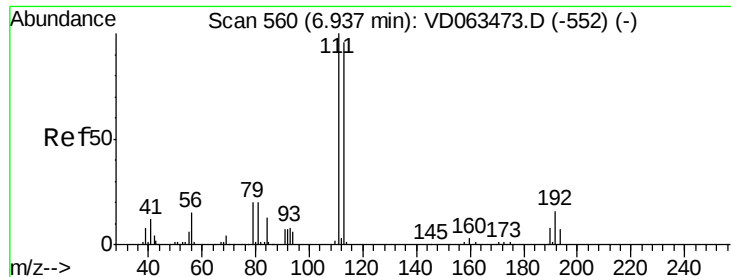
Tot Ion: 65 Resp: 51387
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063587.D
 Acq: 14 Aug 2019 21:14

Tgt Ion: 114 Resp: 86085
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.2
 88 18.7 0.0 35.0

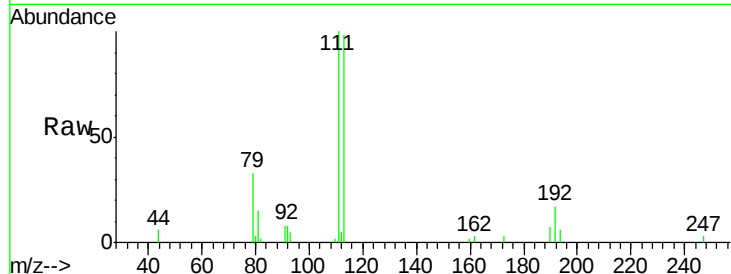




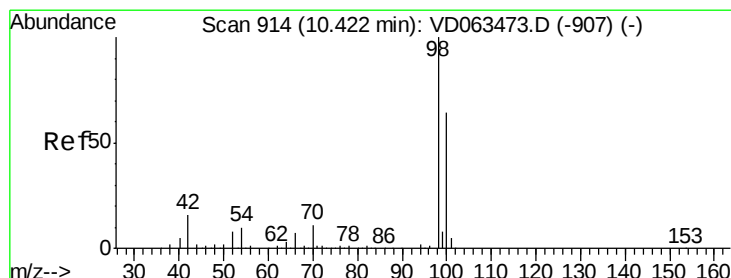
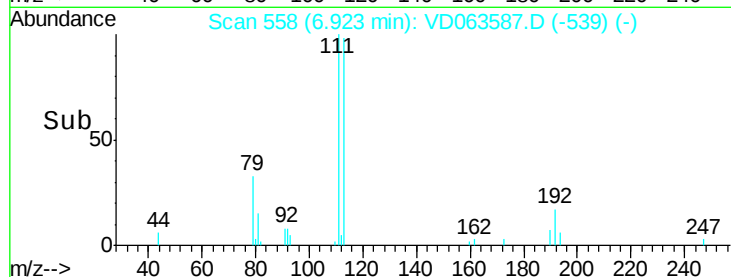
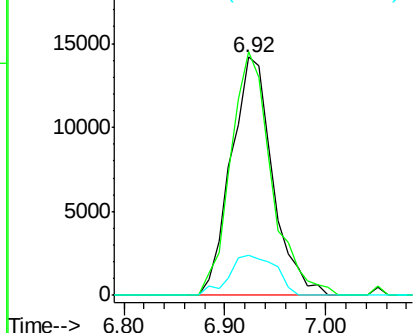
#35
Dibromofluoromethane
Concen: 56.018 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD063587.D
Acq: 14 Aug 2019 21:14

Instrument :
MSVOA_D
ClientSampleId :
T8-F1-(4)RE

Tot Ion:113 Resp: 40614
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.0 13.1 19.7

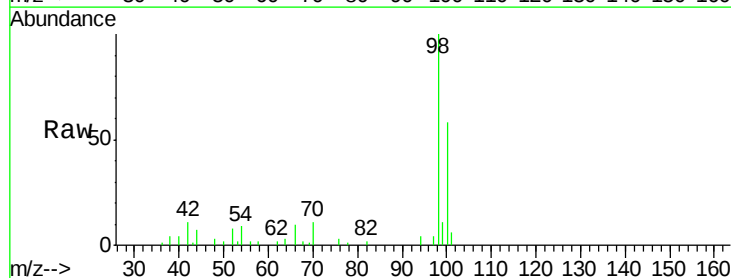


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

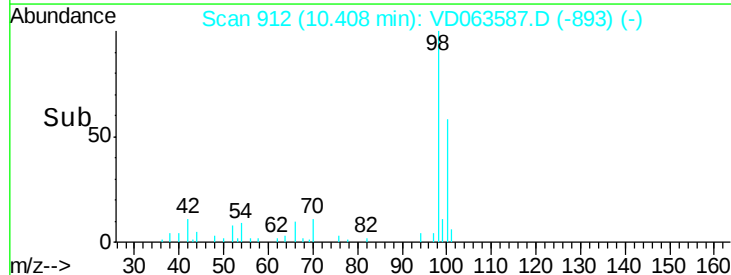
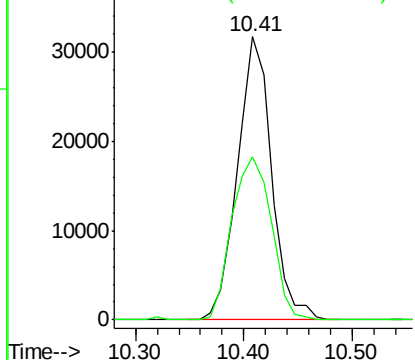


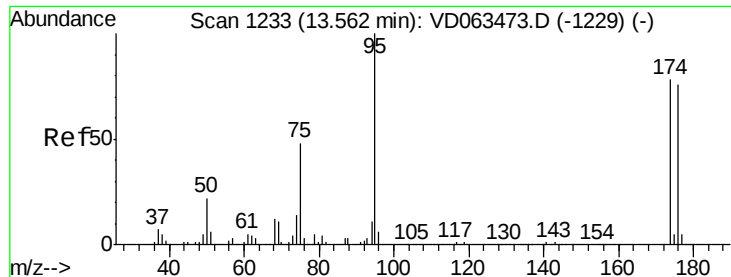
#50
Toluene-d8
Concen: 43.684 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063587.D
Acq: 14 Aug 2019 21:14

Tgt Ion: 98 Resp: 69631
Ion Ratio Lower Upper
98 100
100 57.5 51.7 77.5



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

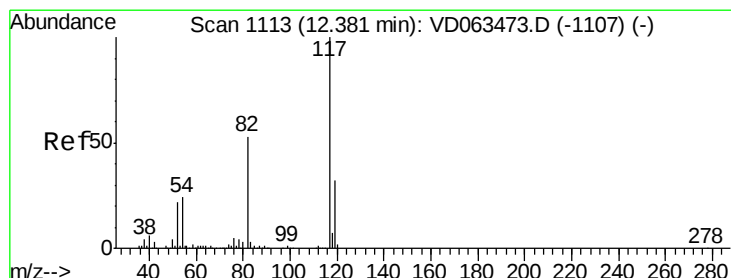
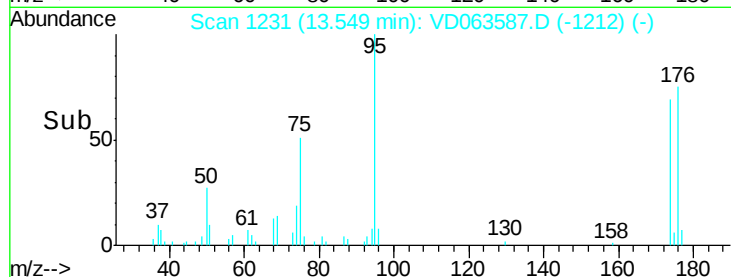
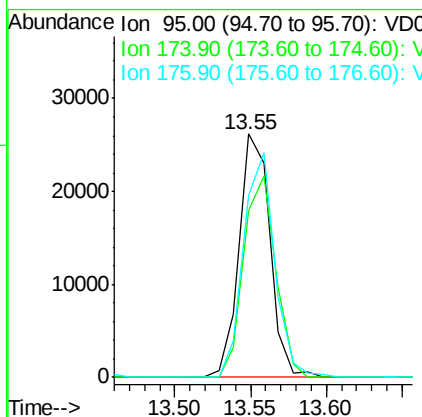
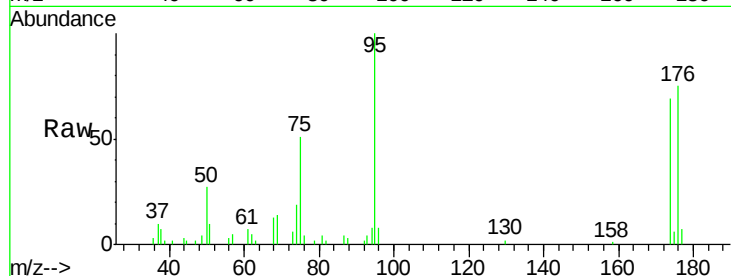




#62
4-Bromofluorobenzene
Concen: 51.271 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063587.D
Acq: 14 Aug 2019 21:14

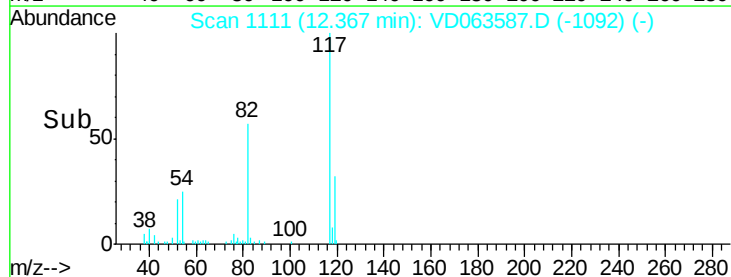
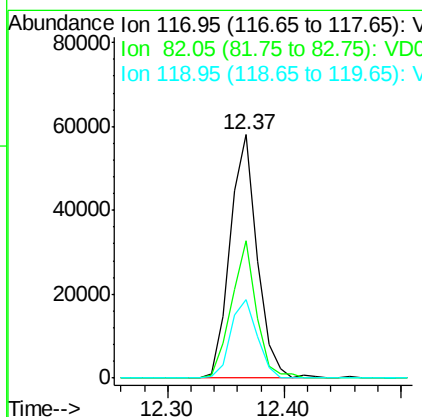
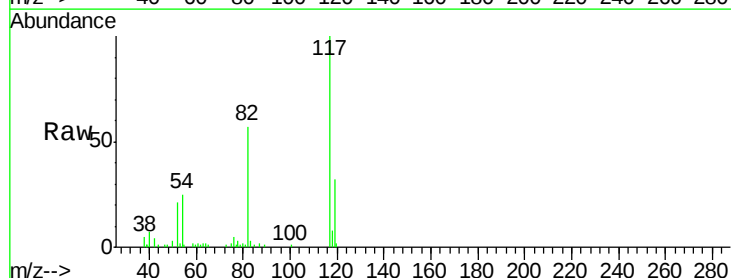
Instrument :
MSVOA_D
ClientSampleId :
T8-F1-(4)RE

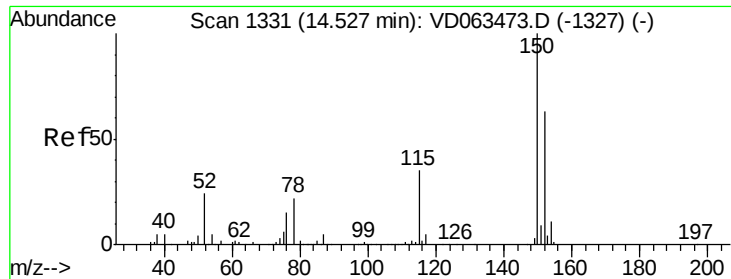
Tot Ion: 95 Resp: 37041
Ion Ratio Lower Upper
95 100
174 68.5 0.0 155.4
176 74.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063587.D
Acq: 14 Aug 2019 21:14

Tgt Ion: 117 Resp: 92968
Ion Ratio Lower Upper
117 100
82 56.5 42.0 63.0
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063587.D

Acq: 14 Aug 2019 21:14

Instrument :

MSVOA_D

ClientSampleId :

T8-F1-(4)RE

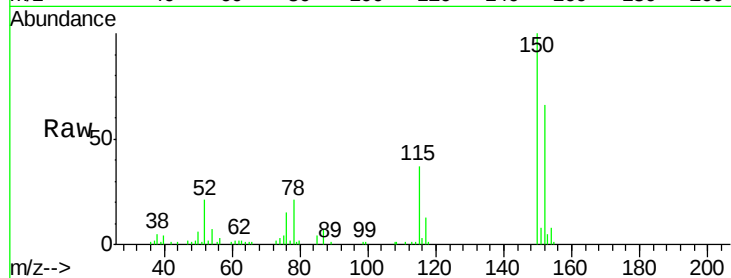
Tot Ion:152 Resp: 51142

Ion Ratio Lower Upper

152 100

115 55.4 30.9 92.7

150 151.4 0.0 318.6



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

