

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063717.D
 Acq On : 21 Aug 2019 17:09
 Operator : JC/SY
 Sample : K4386-19
 Misc : 6.13g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A4-(2)

Quant Time: Aug 22 02:01:52 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

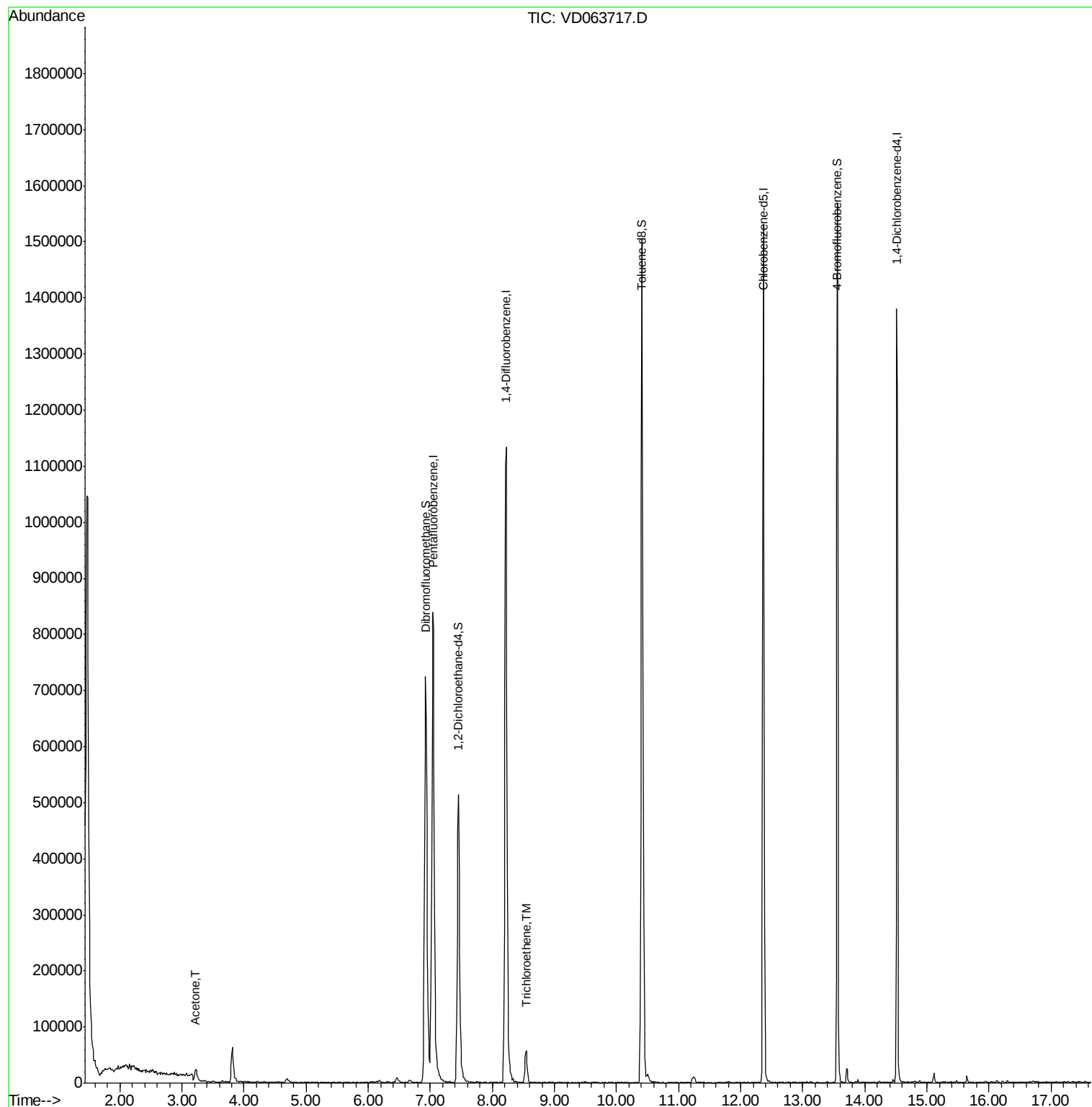
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	841031	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1205690	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	815103	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	316856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	566728	63.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	126.08%	
35) Dibromofluoromethane	6.92	113	645353	63.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	127.10%	
50) Toluene-d8	10.41	98	1247887	55.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.80%	
62) 4-Bromofluorobenzene	13.56	95	420279	41.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.08%	
Target Compounds						
16) Acetone	3.22	43	41036	22.455	ug/l	99
44) Trichloroethene	8.55	130	26603	2.967	ug/l	66

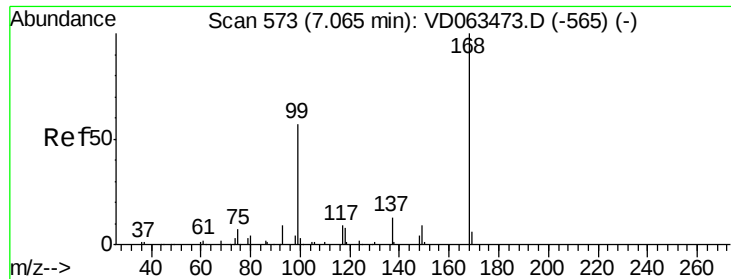
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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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: 21 Aug 2019 17:09

Instrument :

MSVOA_D

ClientSampleId :

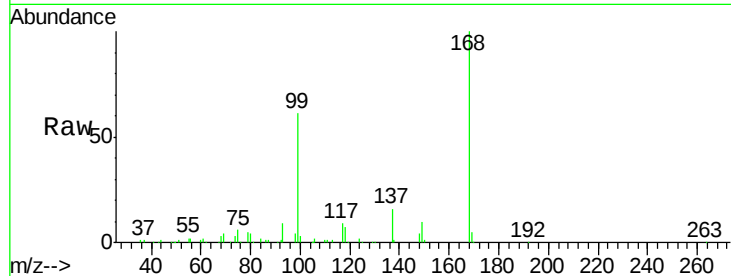
T6-A4-(2)

Tot Ion:168 Resp: 841031

Ion Ratio Lower Upper

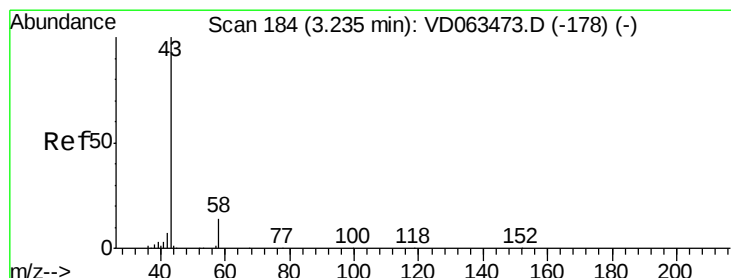
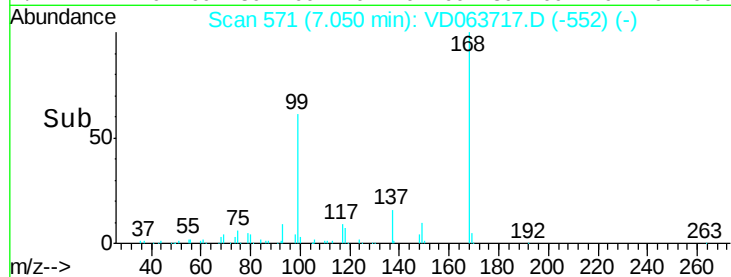
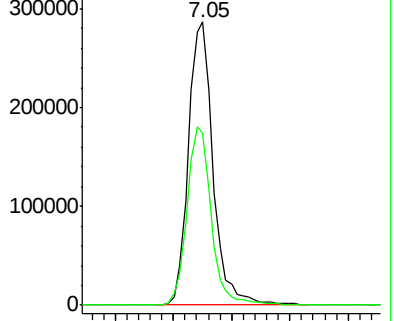
168 100

99 60.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 22.455 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063717.D

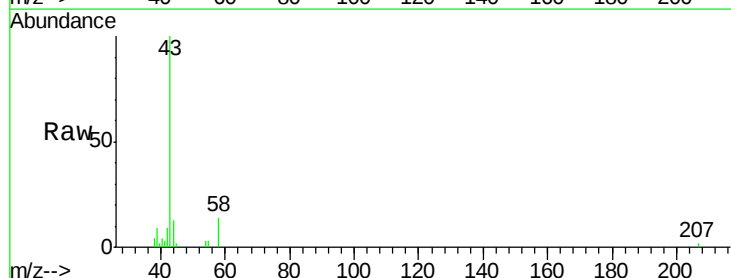
Acq: 21 Aug 2019 17:09

Tgt Ion: 43 Resp: 41036

Ion Ratio Lower Upper

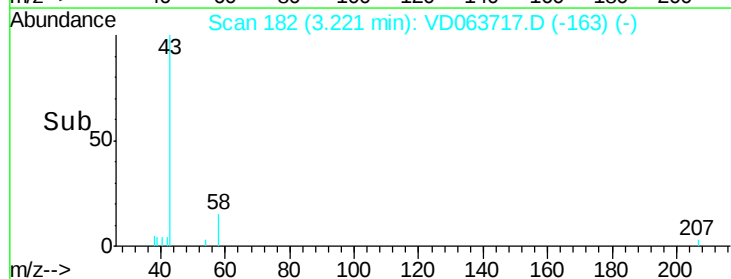
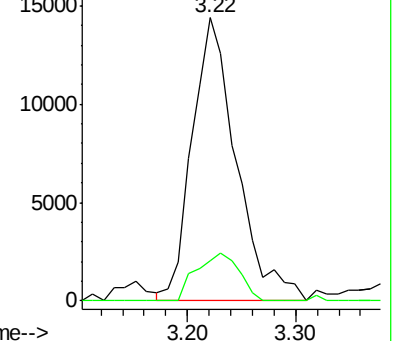
43 100

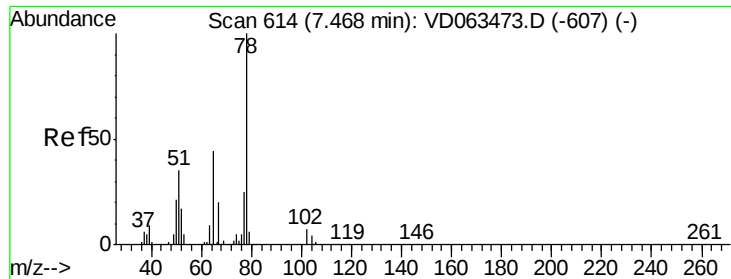
58 14.0 11.4 17.2



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: 63.040 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063717.D

Acq: 21 Aug 2019 17:09

Instrument :

MSVOA_D

ClientSampleId :

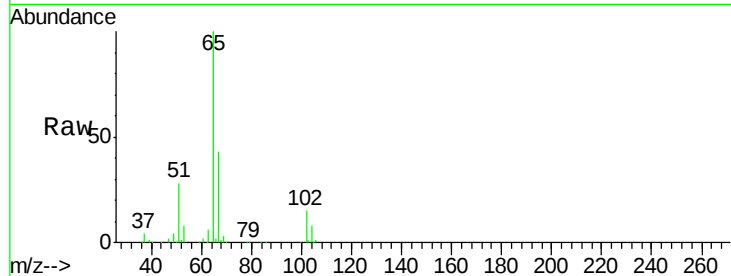
T6-A4-(2)

Tot Ion: 65 Resp: 566728

Ion Ratio Lower Upper

65 100

67 43.2 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

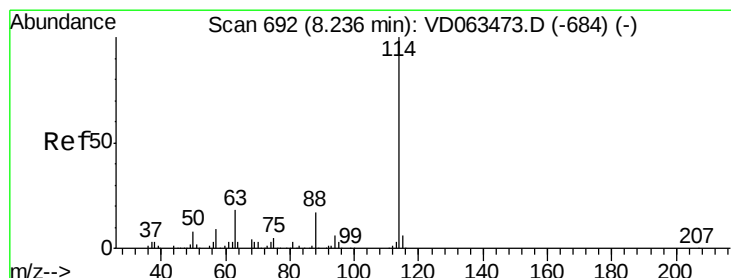
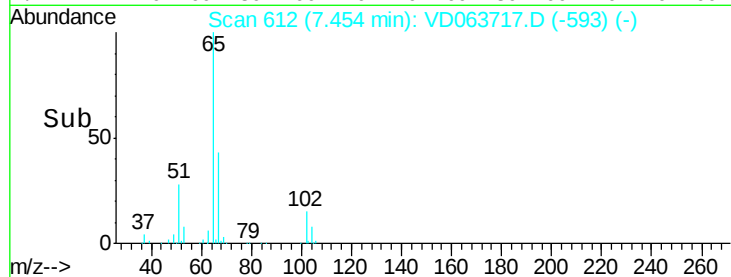
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063717.D

Acq: 21 Aug 2019 17:09

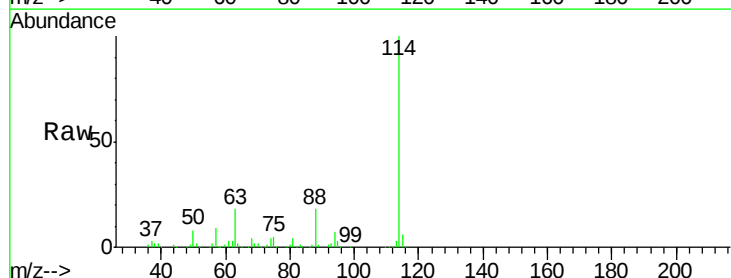
Tgt Ion:114 Resp: 1205690

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

88 18.0 0.0 35.0



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

8.22

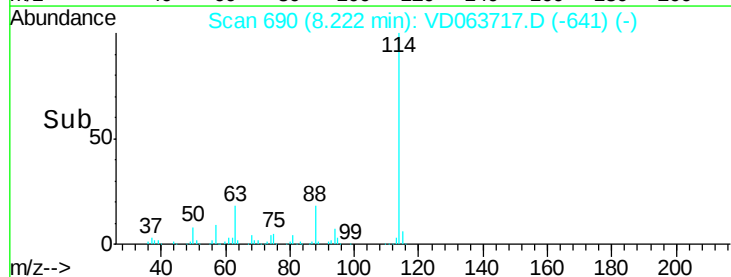
600000

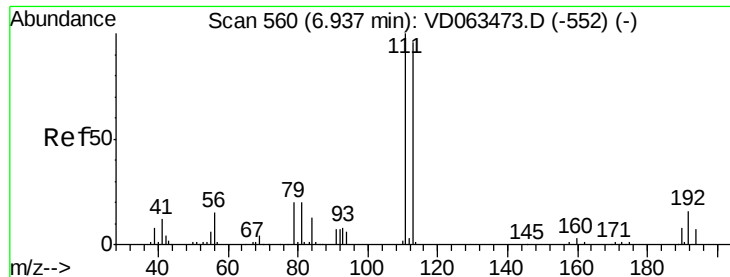
400000

200000

0

Time--> 8.10 8.20 8.30 8.40

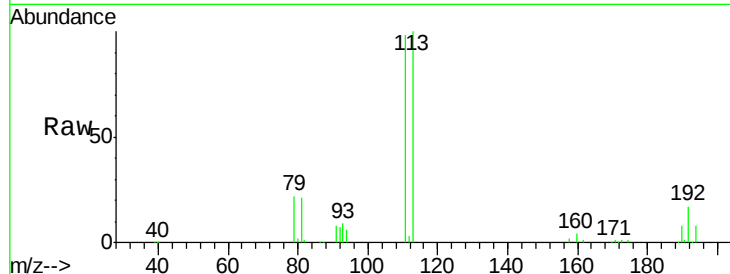




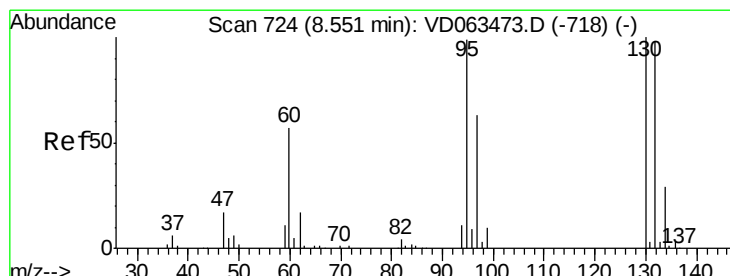
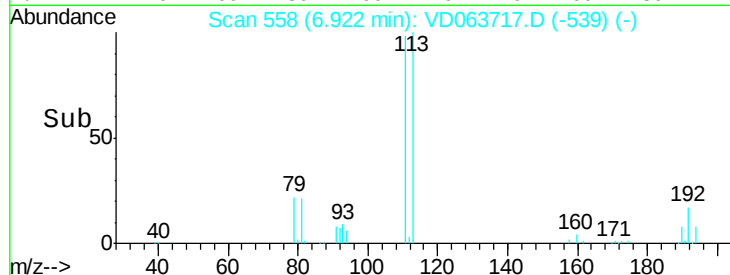
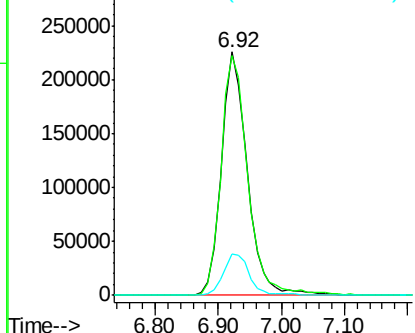
#35
Dibromofluoromethane
Concen: 63.554 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

Instrument :
MSVOA_D
ClientSampleId :
T6-A4-(2)

Tot Ion:113 Resp: 645353
Ion Ratio Lower Upper
113 100
111 98.3 83.1 124.7
192 16.8 13.1 19.7

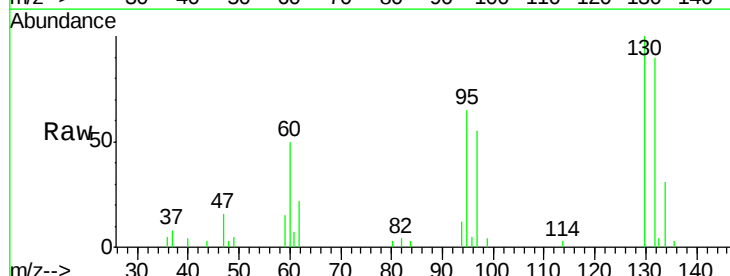


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

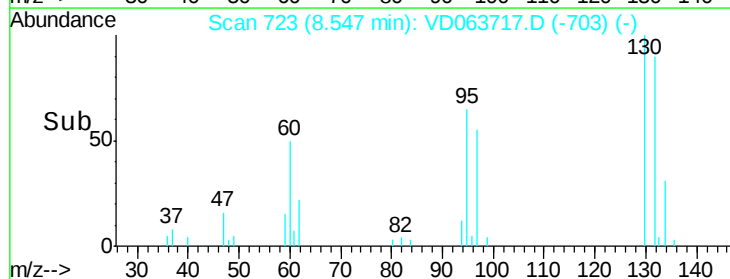
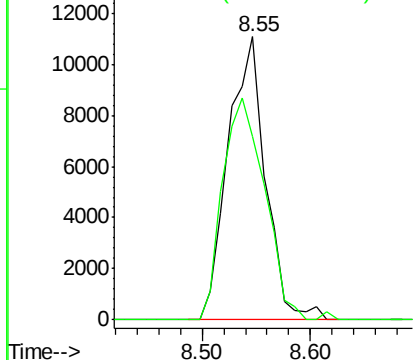


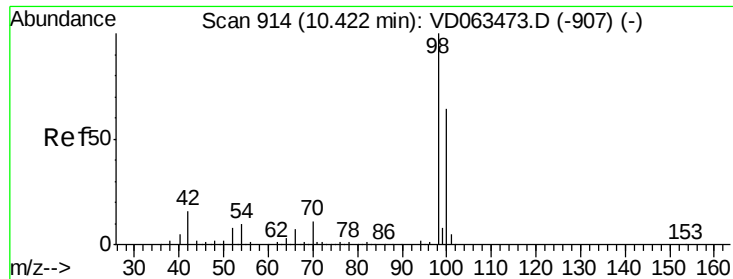
#44
Trichloroethene
Concen: 2.967 ug/l
RT: 8.55 min Scan# 723
Delta R.T. -0.00 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

Tgt Ion:130 Resp: 26603
Ion Ratio Lower Upper
130 100
95 65.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

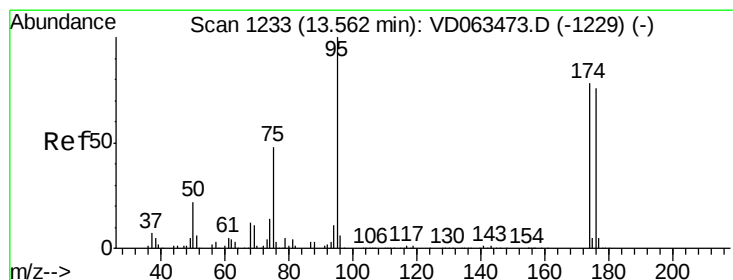
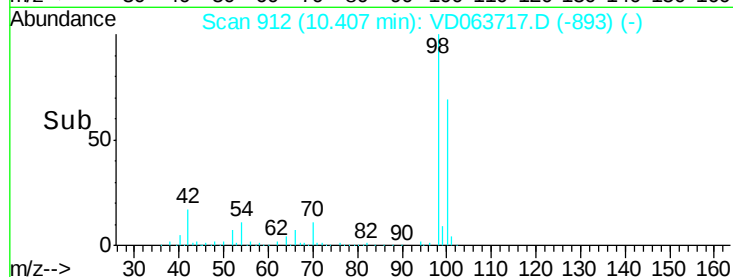
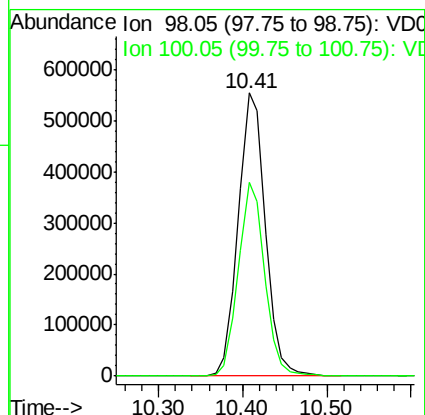
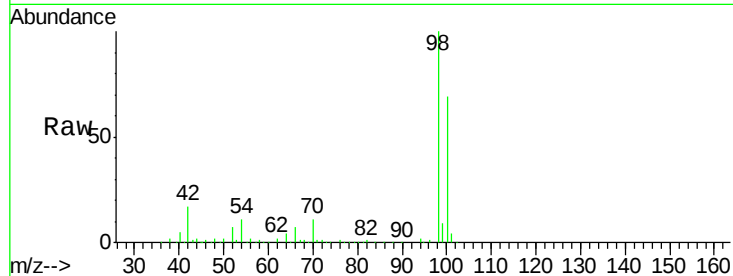




#50
Toluene-d8
Concen: 55.897 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

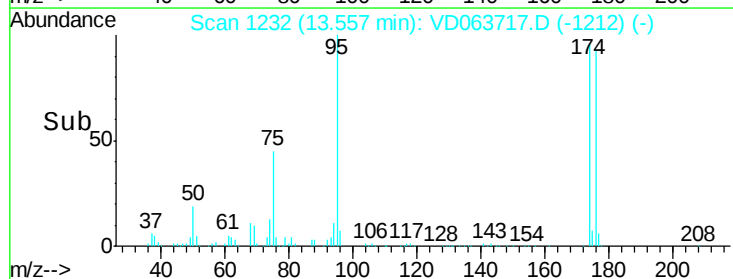
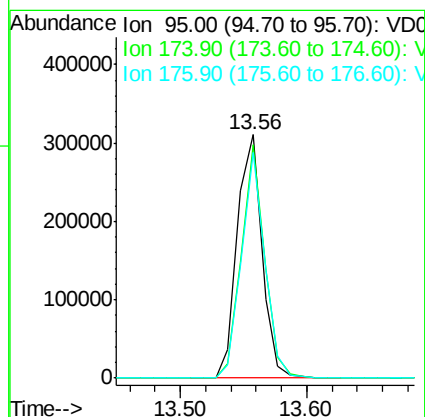
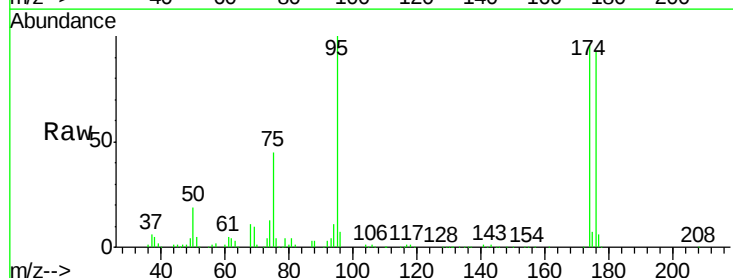
Instrument :
MSVOA_D
ClientSampleId :
T6-A4-(2)

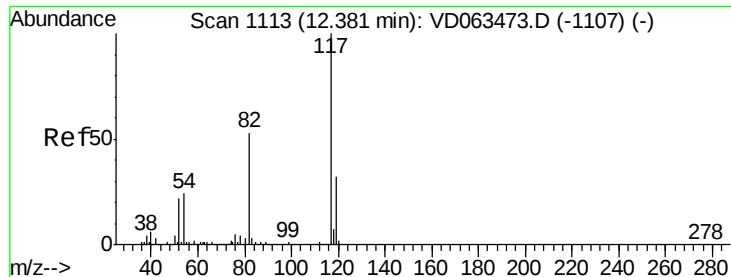
Tot Ion: 98 Resp: 1247887
Ion Ratio Lower Upper
98 100
100 68.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.535 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

Tgt Ion: 95 Resp: 420279
Ion Ratio Lower Upper
95 100
174 96.0 0.0 155.4
176 92.9 0.0 152.4

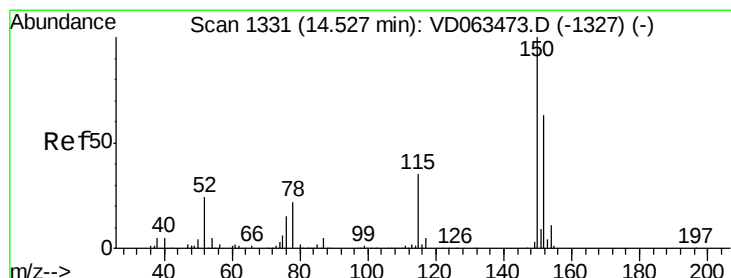
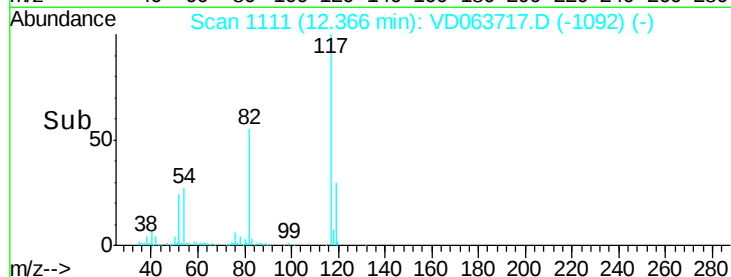
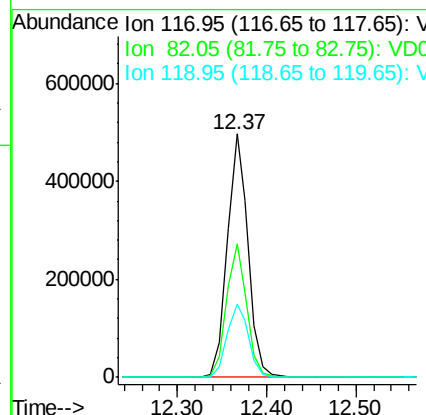
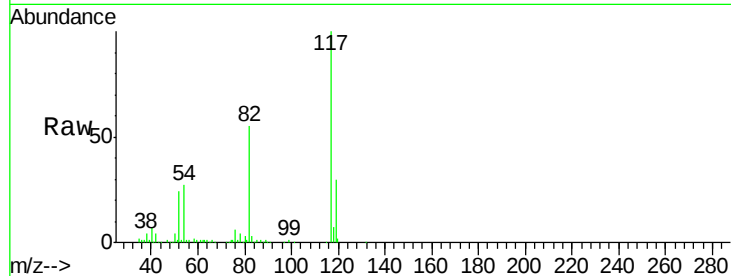




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

Instrument :
MSVOA_D
ClientSampleId :
T6-A4-(2)

Tot Ion:117 Resp: 815103
Ion Ratio Lower Upper
117 100
82 54.8 42.0 63.0
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063717.D
Acq: 21 Aug 2019 17:09

Tgt Ion:152 Resp: 316856
Ion Ratio Lower Upper
152 100
115 51.8 30.9 92.7
150 152.5 0.0 318.6

