

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063554.D
 Acq On : 14 Aug 2019 5:17
 Operator : JC/SY
 Sample : K4324-03
 Misc : 5.34g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Aug 14 10:00:54 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

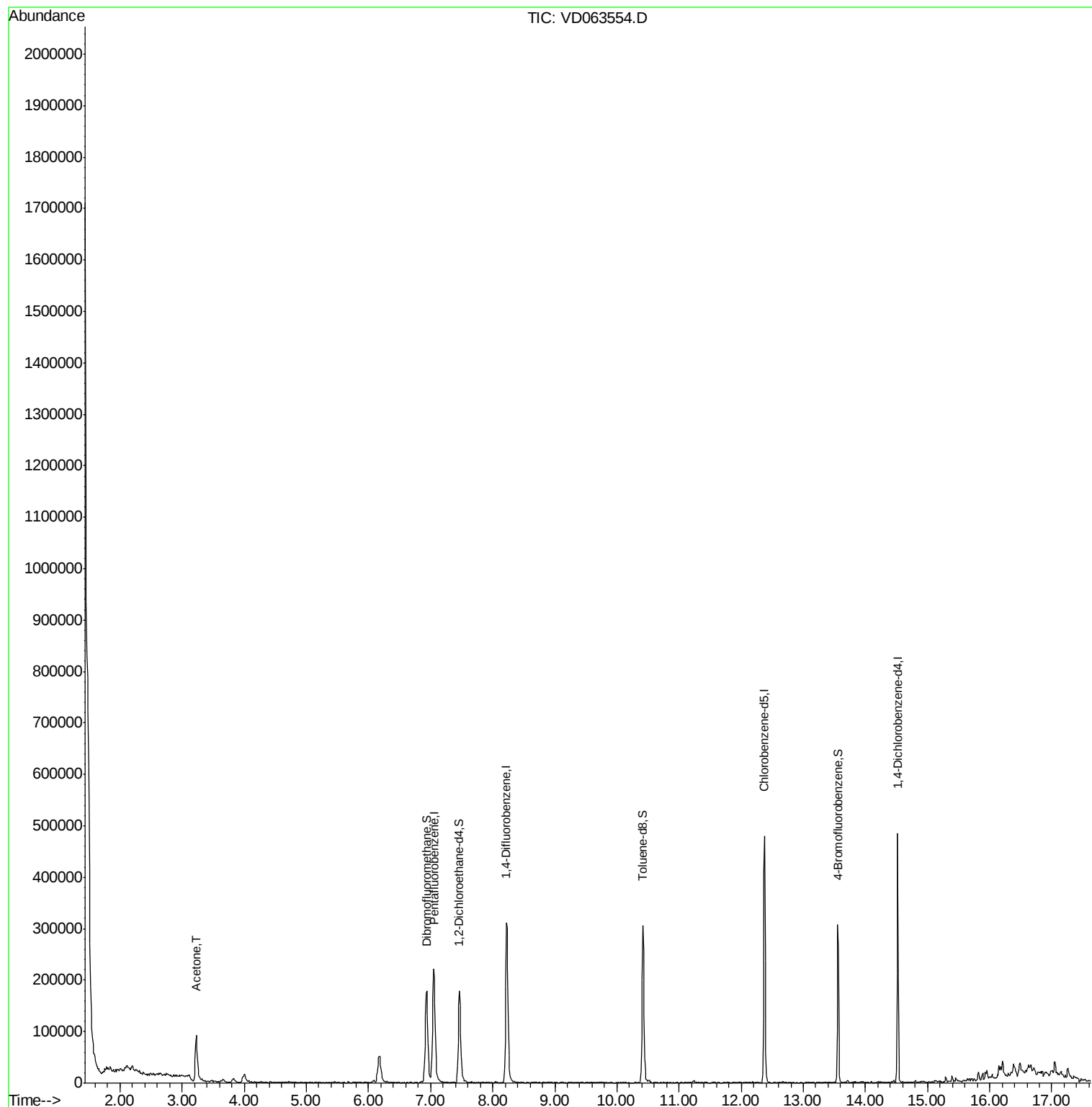
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	220922	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	345650	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	264384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	94934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	198412	84.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.04%	
35) Dibromofluoromethane	6.93	113	160385	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
50) Toluene-d8	10.42	98	233557	36.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.98%	
62) 4-Bromofluorobenzene	13.56	95	87190	30.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.12%	
Target Compounds						
16) Acetone	3.23	43	167993	349.954	ug/l	Qvalue 95

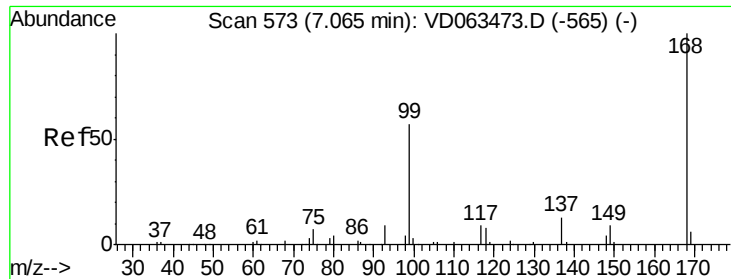
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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. -0.02 min

Lab File: VD063554.D

Acq: 14 Aug 2019 5:17

Instrument :

MSVOA_D

ClientSampleId :

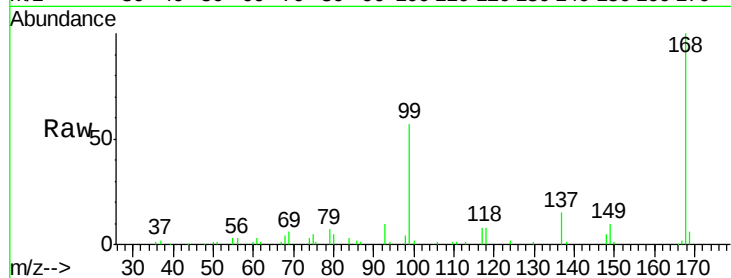
T8-F1-(4)

Tot Ion:168 Resp: 220922

Ion Ratio Lower Upper

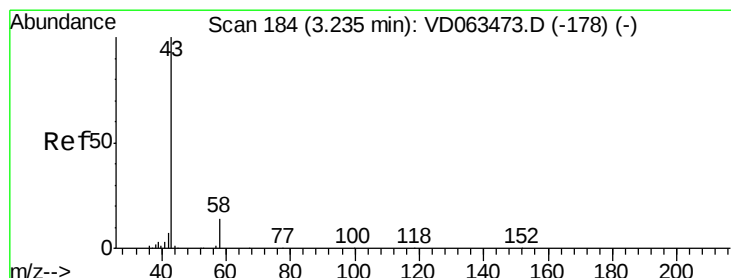
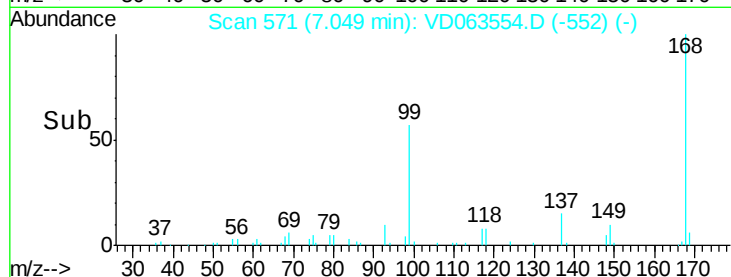
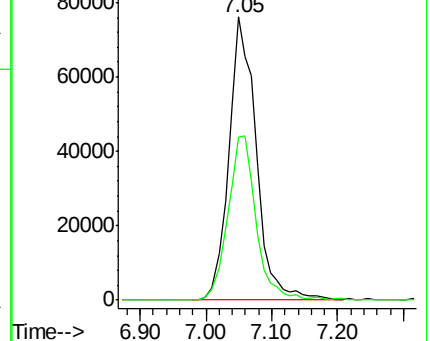
168 100

99 57.5 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: 349.954 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063554.D

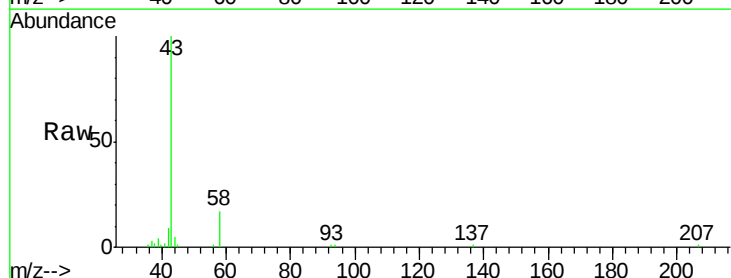
Acq: 14 Aug 2019 5:17

Tgt Ion: 43 Resp: 167993

Ion Ratio Lower Upper

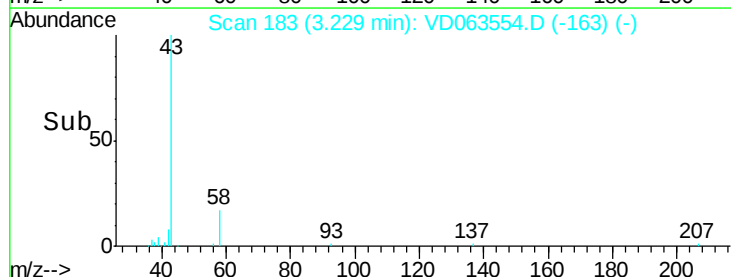
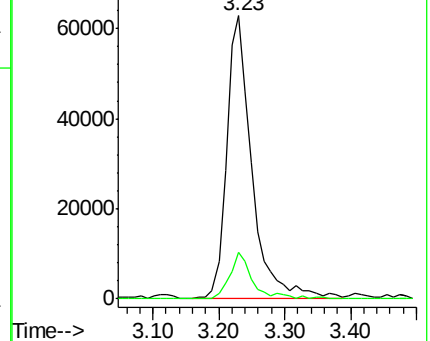
43 100

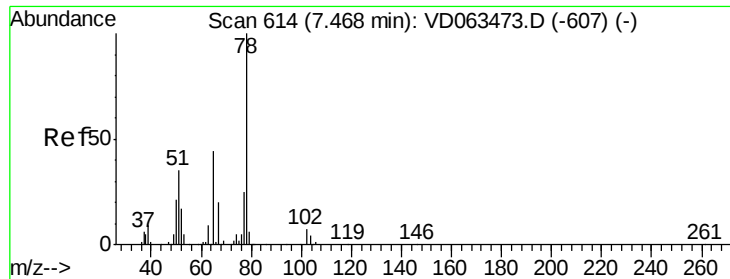
58 16.5 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

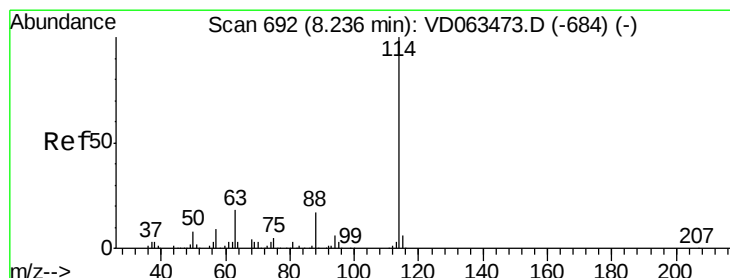
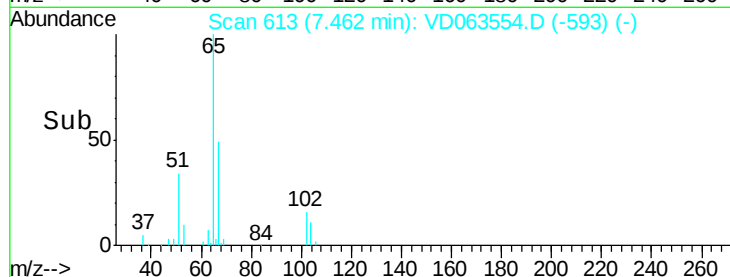
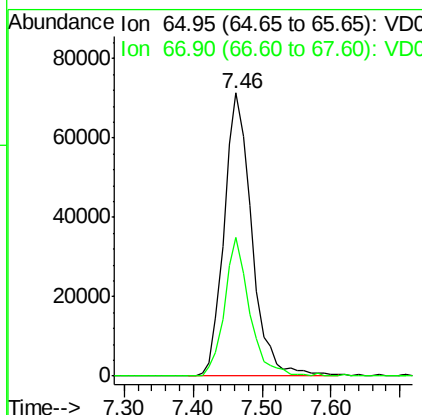
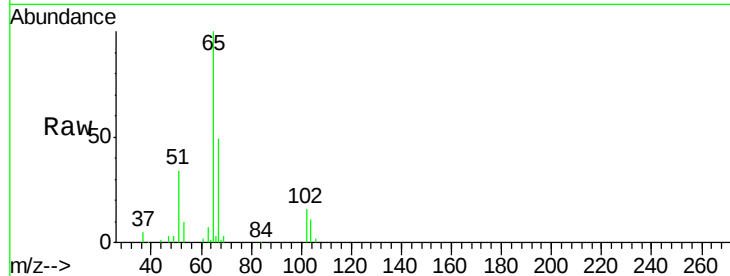




#33
 1,2-Dichloroethane-d4
 Concen: 84.020 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063554.D
 Acq: 14 Aug 2019 5:17

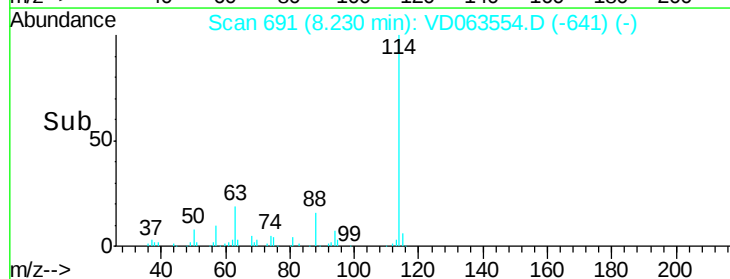
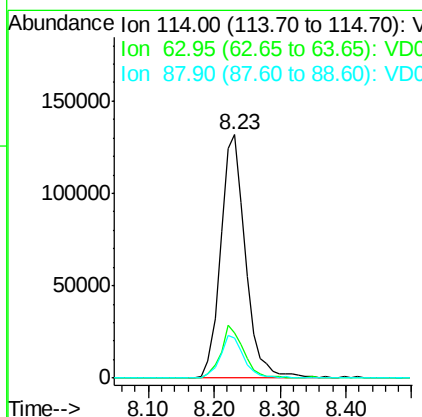
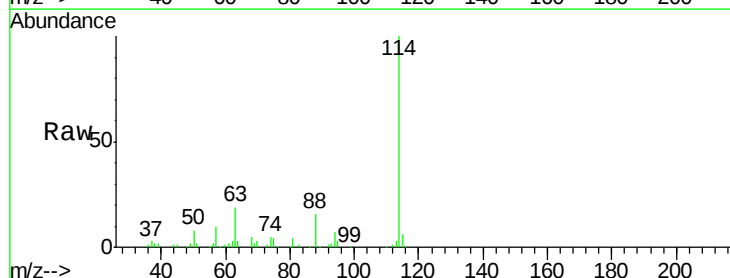
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-F1-(4)

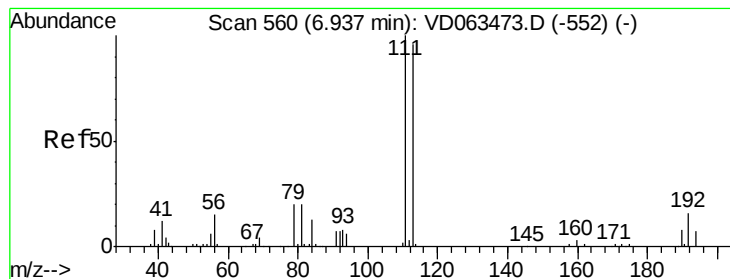
Tot Ion: 65 Resp: 198412
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063554.D
 Acq: 14 Aug 2019 5:17

Tgt Ion: 114 Resp: 345650
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 16.5 0.0 35.0





#35

Dibromofluoromethane

Concen: 55.095 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063554.D

Acq: 14 Aug 2019 5:17

Instrument :

MSVOA_D

ClientSampleId :

T8-F1-(4)

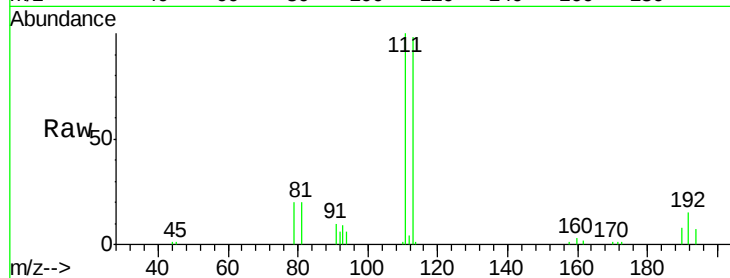
Tot Ion:113 Resp: 160385

Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

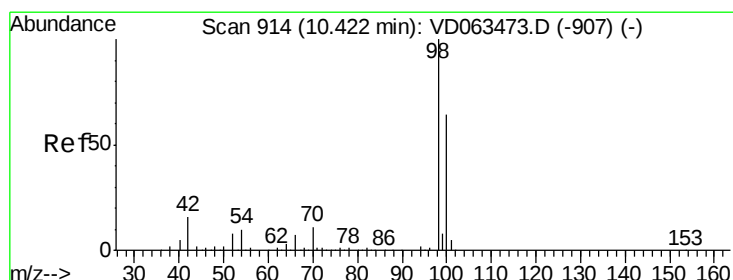
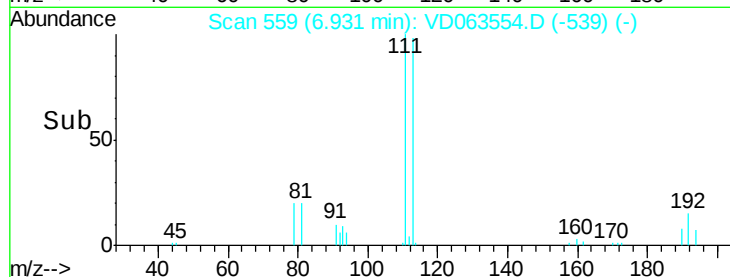
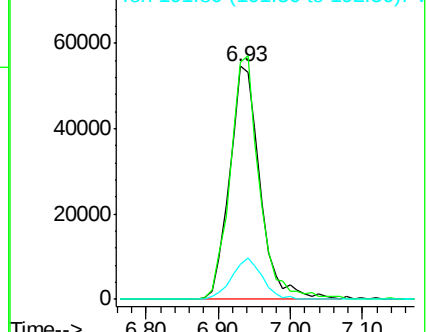
192 15.3 13.1 19.7



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: 36.492 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063554.D

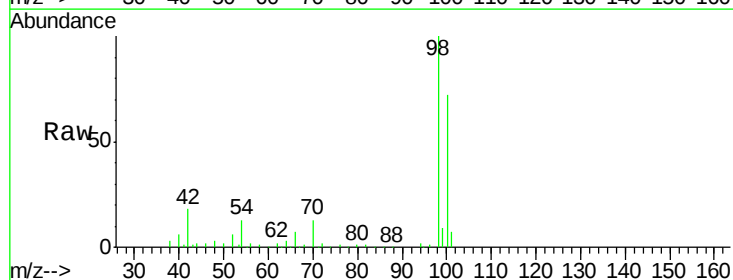
Acq: 14 Aug 2019 5:17

Tgt Ion: 98 Resp: 233557

Ion Ratio Lower Upper

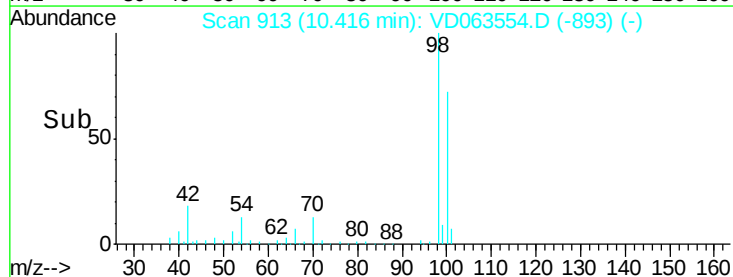
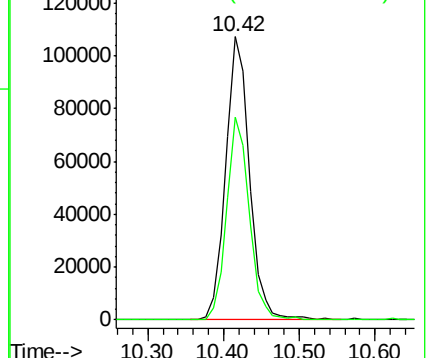
98 100

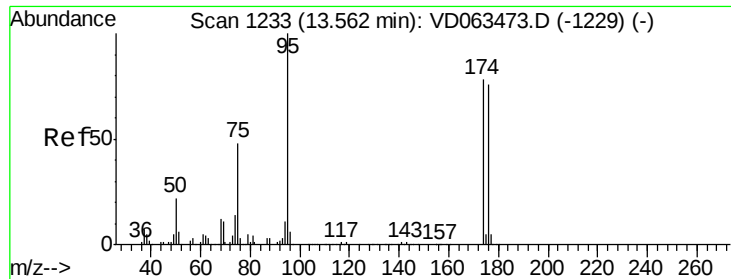
100 71.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.057 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063554.D

Acq: 14 Aug 2019 5:17

Instrument :

MSVOA_D

ClientSampleId :

T8-F1-(4)

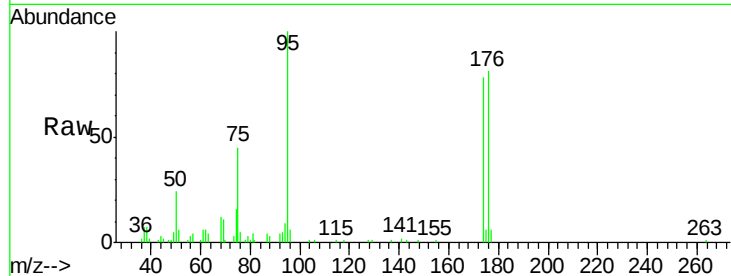
Tot Ion: 95 Resp: 87190

Ion Ratio Lower Upper

95 100

174 78.4 0.0 155.4

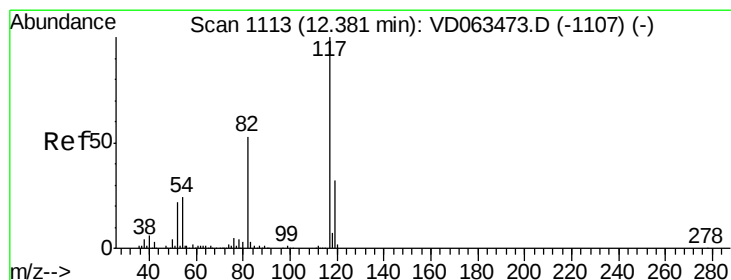
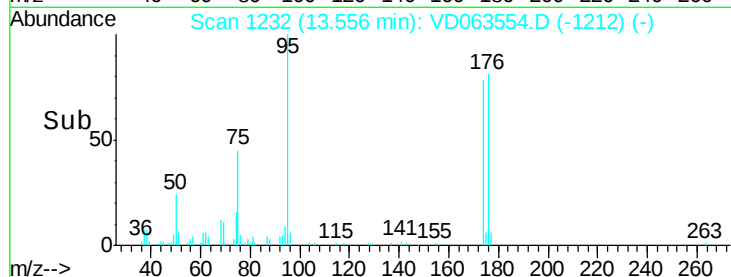
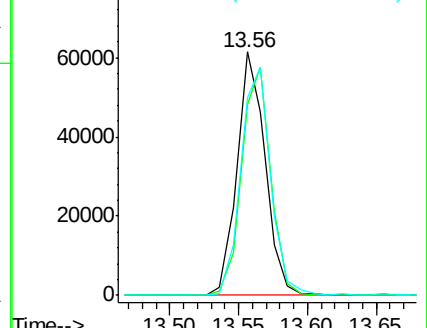
176 81.1 0.0 152.4



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: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD063554.D

Acq: 14 Aug 2019 5:17

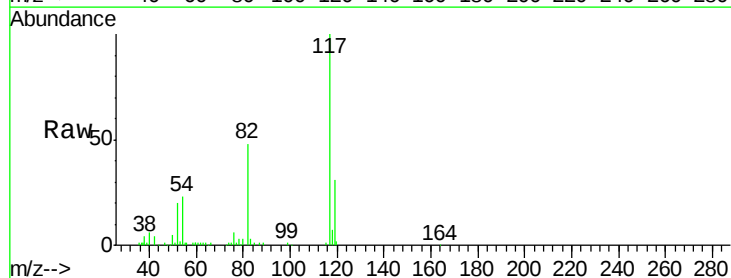
Tgt Ion: 117 Resp: 264384

Ion Ratio Lower Upper

117 100

82 47.8 42.0 63.0

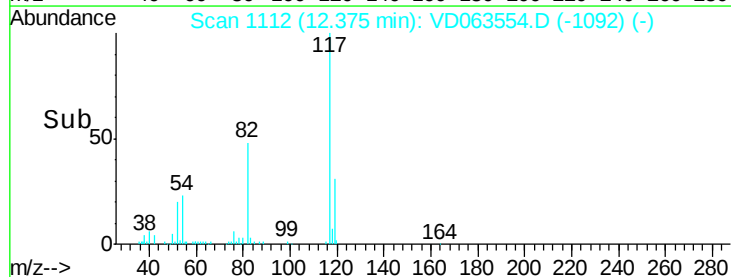
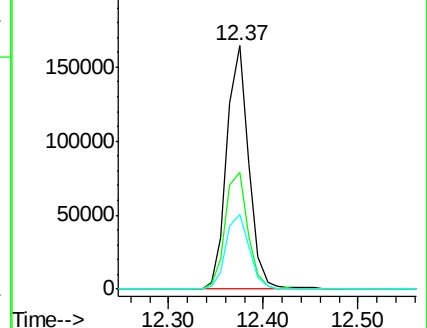
119 30.5 25.4 38.0

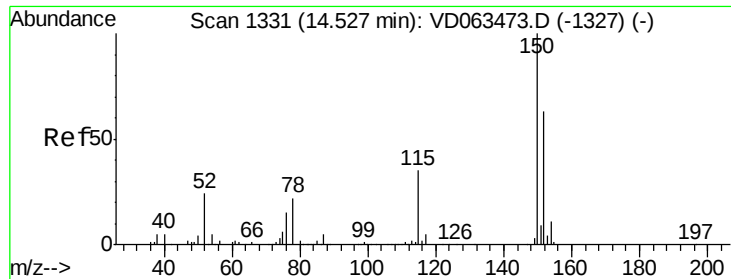


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

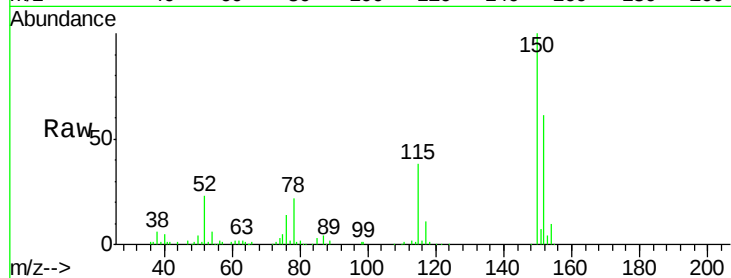




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063554.D
 Acq: 14 Aug 2019 5:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.9	92.7
150	162.6	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

