

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063555.D
 Acq On : 14 Aug 2019 5:45
 Operator : JC/SY
 Sample : K4324-05
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

Quant Time: Aug 14 10:03:22 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

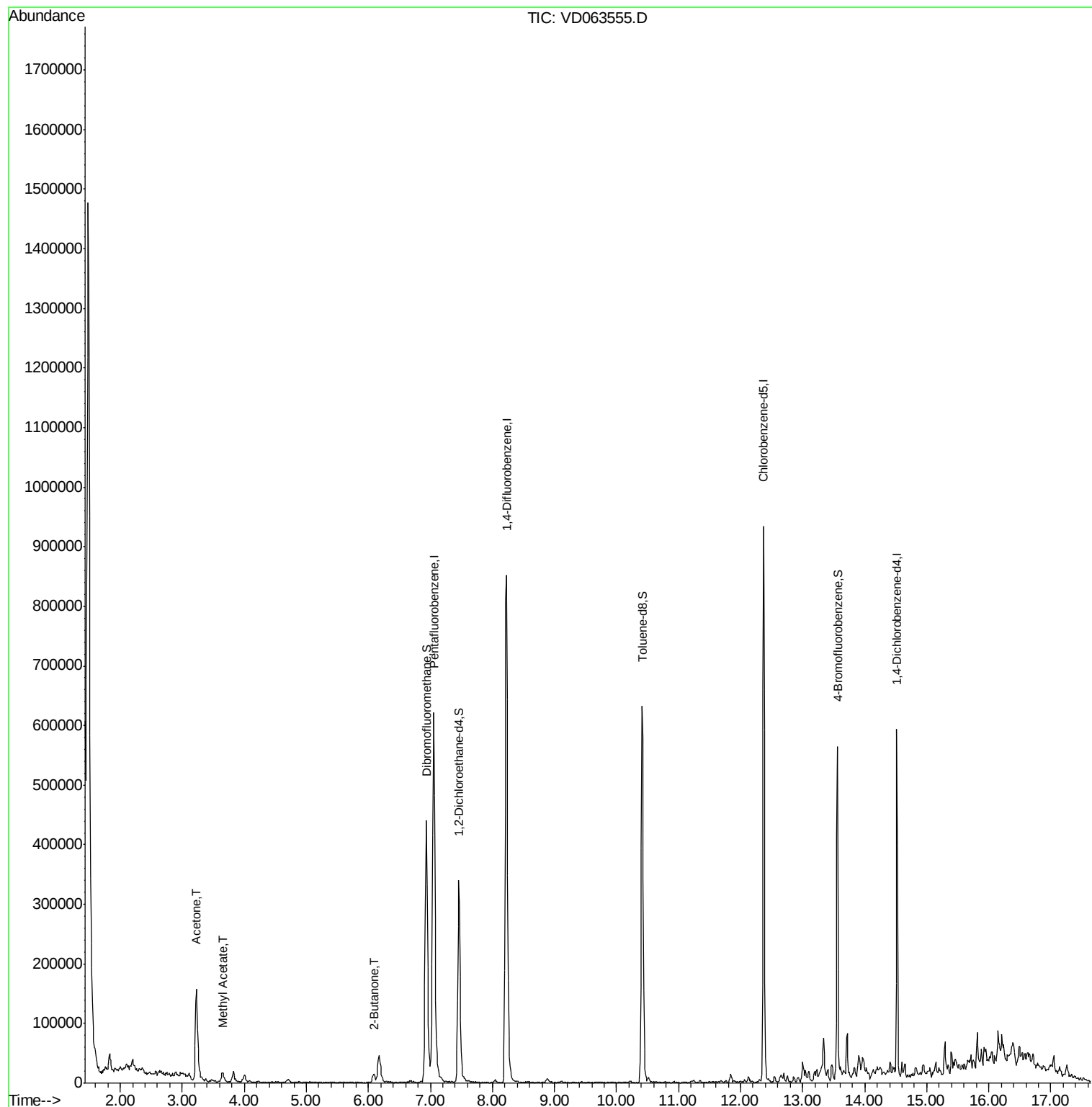
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	599533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	952320	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	508815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	118016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	374079	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
35) Dibromofluoromethane	6.93	113	390953	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.41	98	511890	29.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.06%	
62) 4-Bromofluorobenzene	13.56	95	154580	19.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.68%	
Target Compounds						
16) Acetone	3.23	43	309666	237.705	ug/l	99
18) Methyl Acetate	3.65	43	30890	12.519	ug/l	92
25) 2-Butanone	6.09	43	34860	27.094	ug/l	95

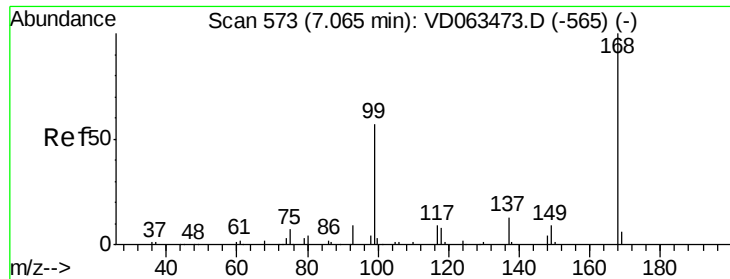
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063555.D

Acq: 14 Aug 2019 5:45

Instrument :

MSVOA_D

ClientSampleId :

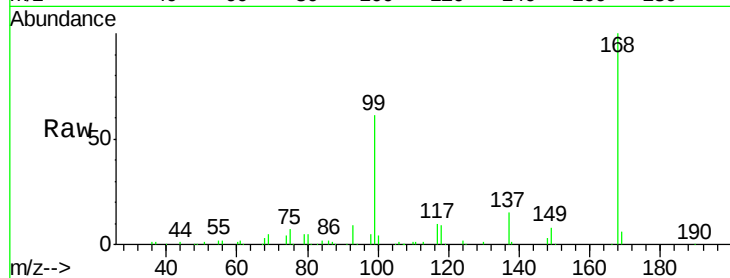
T8-E1-(0)

Tot Ion:168 Resp: 599533

Ion Ratio Lower Upper

168 100

99 60.6 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

250000

200000

150000

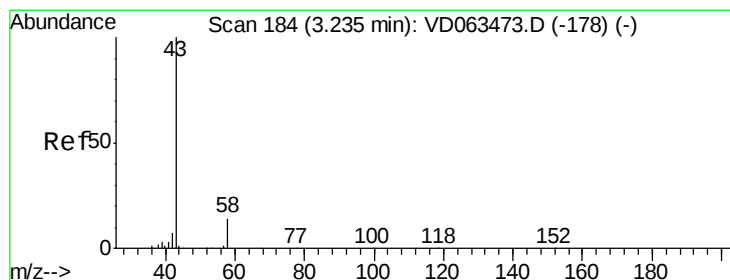
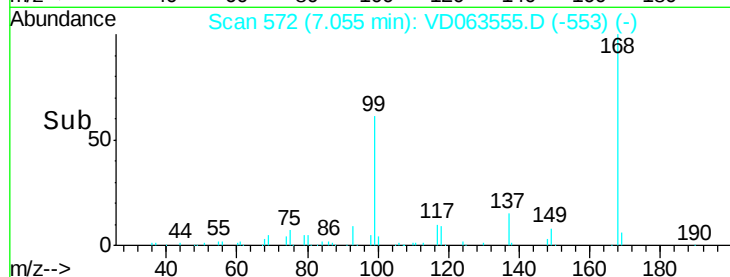
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 237.705 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063555.D

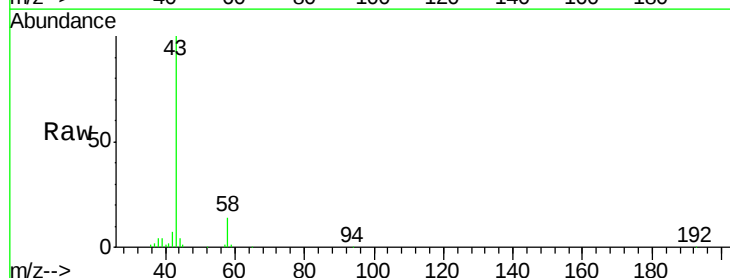
Acq: 14 Aug 2019 5:45

Tgt Ion: 43 Resp: 309666

Ion Ratio Lower Upper

43 100

58 14.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

120000

100000

80000

60000

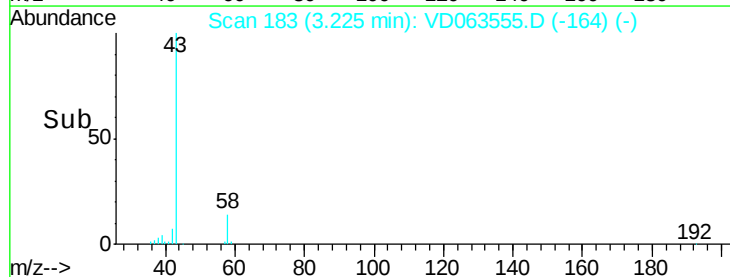
40000

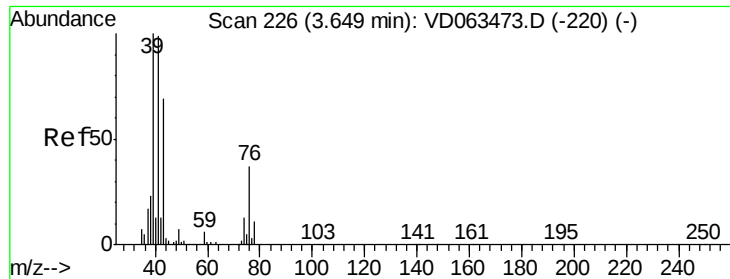
20000

0

Time-->

3.10 3.20 3.30 3.40

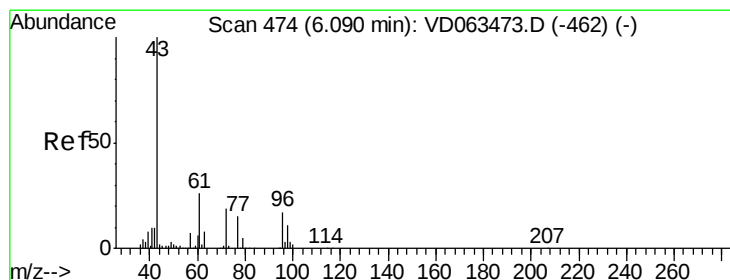
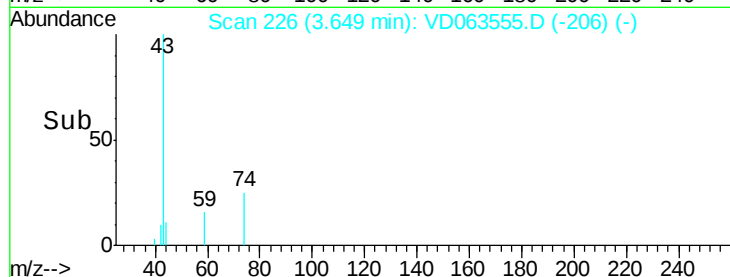
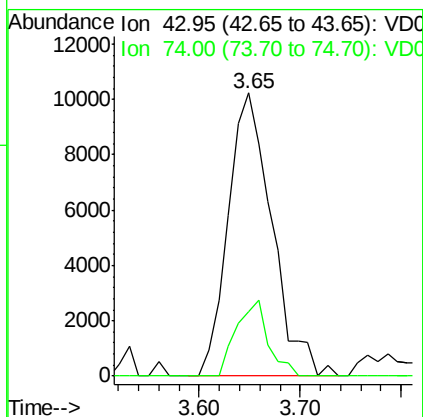
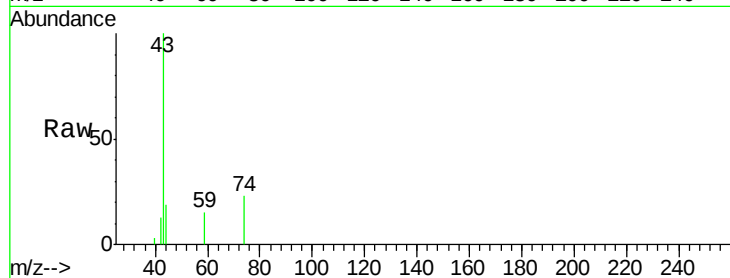




#18
Methvl Acetate
Concen: 12.519 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.00 min
Lab File: VD063555.D
Acq: 14 Aug 2019 5:45

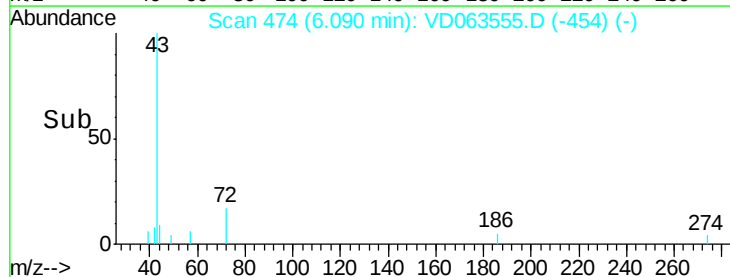
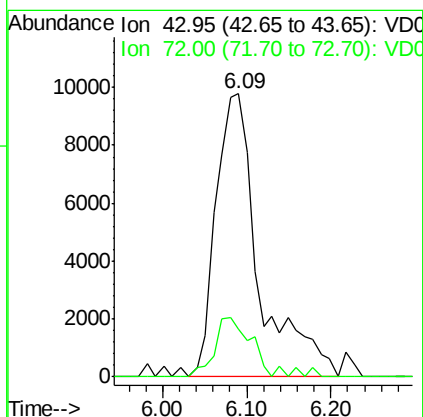
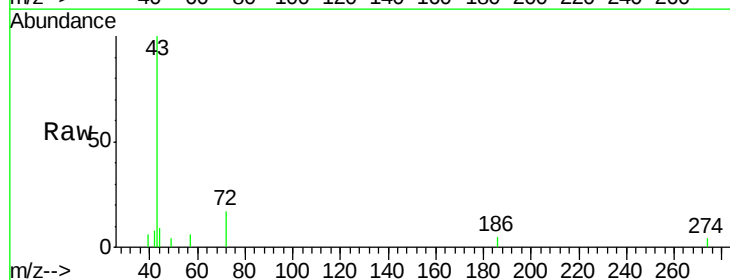
Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(0)

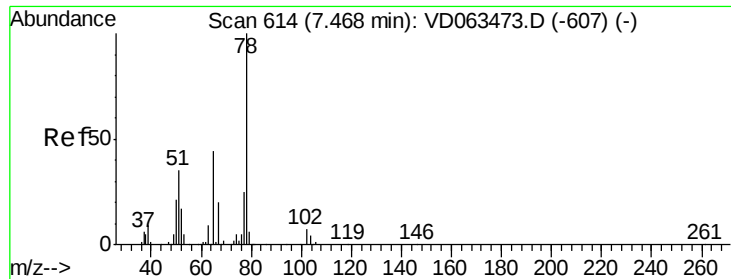
Tot Ion: 43 Resp: 30890
Ion Ratio Lower Upper
43 100
74 22.9 15.4 23.2



#25
2-Butanone
Concen: 27.094 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD063555.D
Acq: 14 Aug 2019 5:45

Tgt Ion: 43 Resp: 34860
Ion Ratio Lower Upper
43 100
72 16.7 15.1 22.7

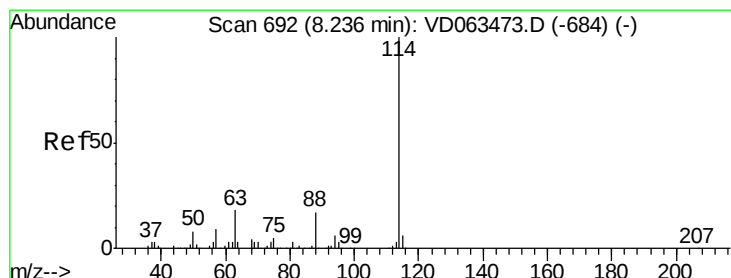
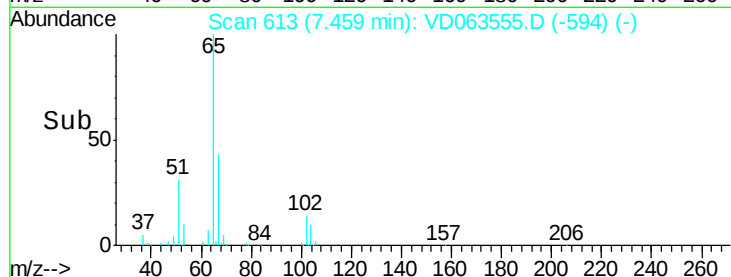
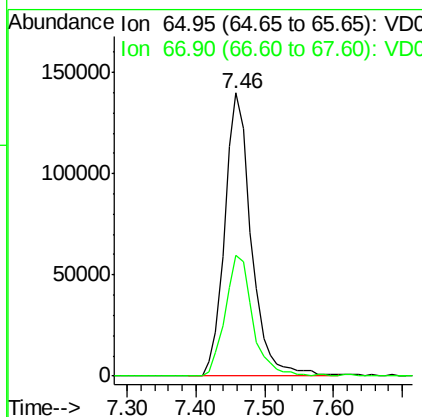
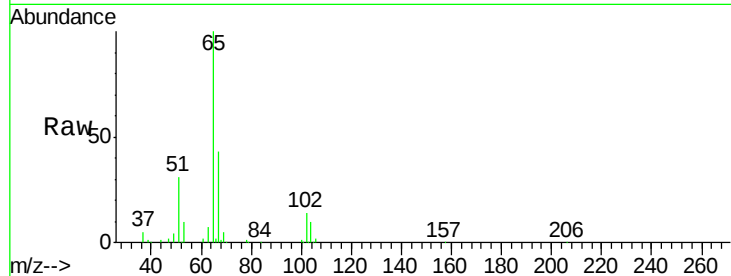




#33
 1,2-Dichloroethane-d4
 Concen: 58.372 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063555.D
 Acq: 14 Aug 2019 5:45

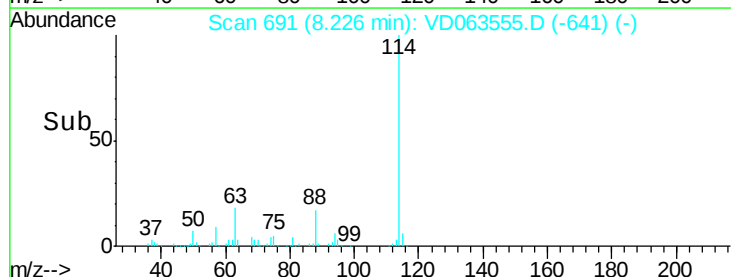
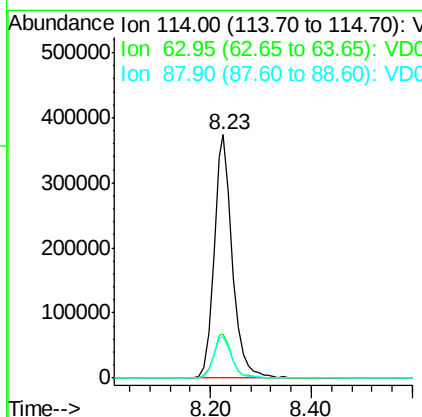
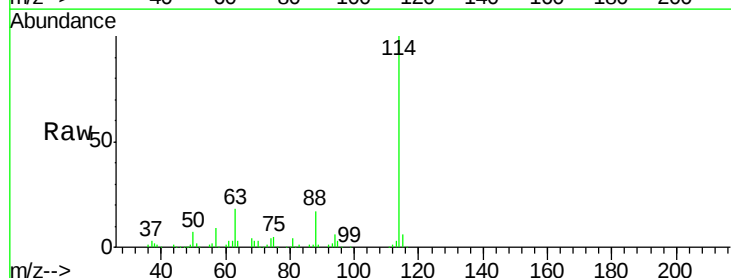
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

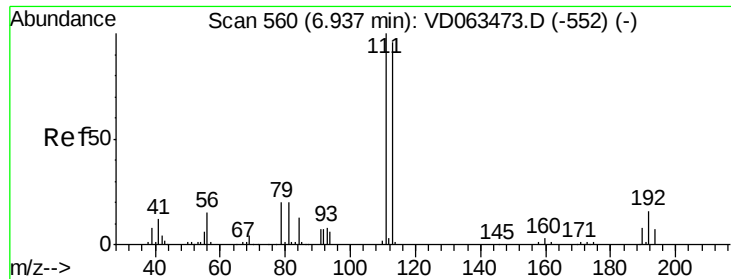
Tot Ion: 65 Resp: 374079
 Ion Ratio Lower Upper
 65 100
 67 42.6 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063555.D
 Acq: 14 Aug 2019 5:45

Tgt Ion: 114 Resp: 952320
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 17.1 0.0 35.0

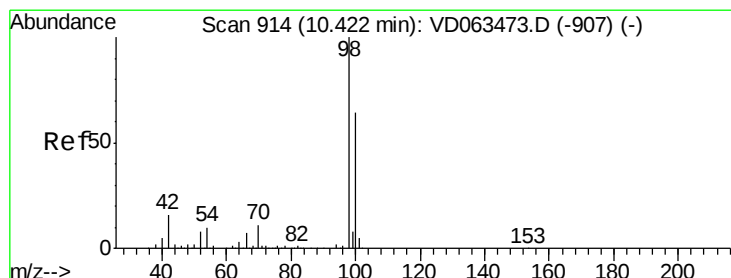
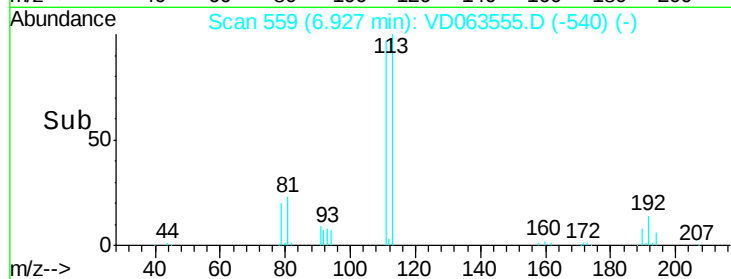
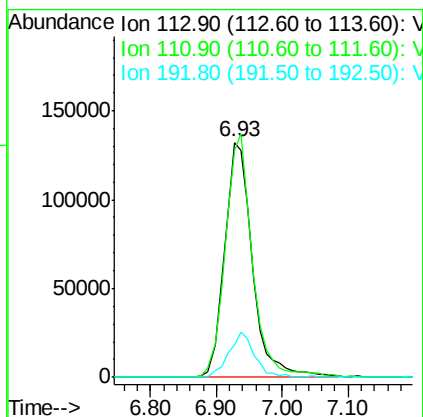
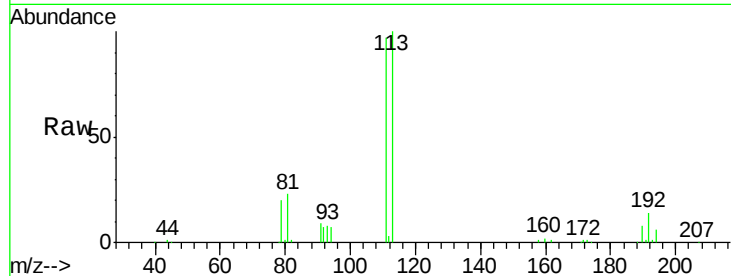




#35
 Dibromofluoromethane
 Concen: 48.744 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063555.D
 Acq: 14 Aug 2019 5:45

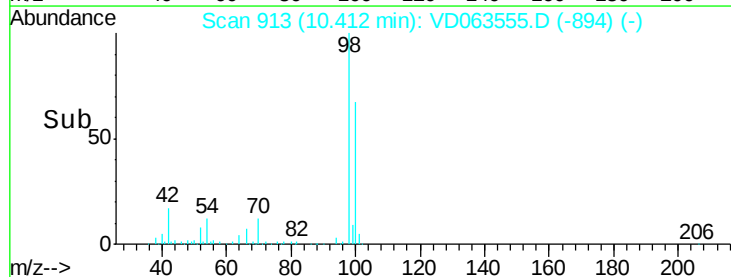
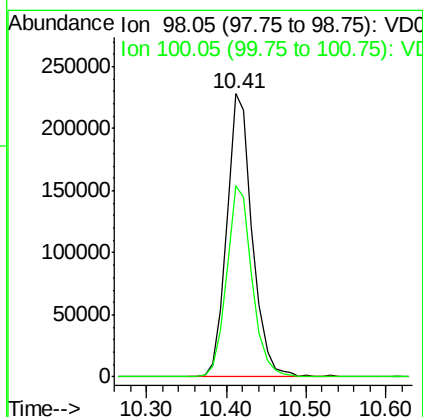
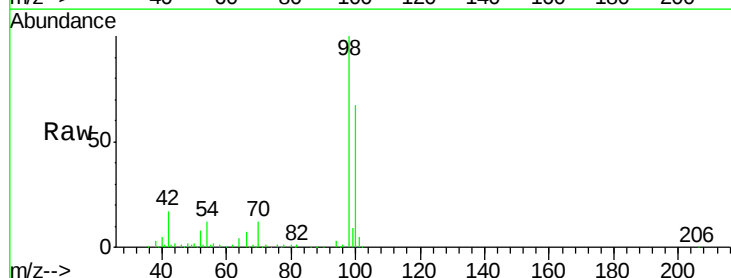
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)

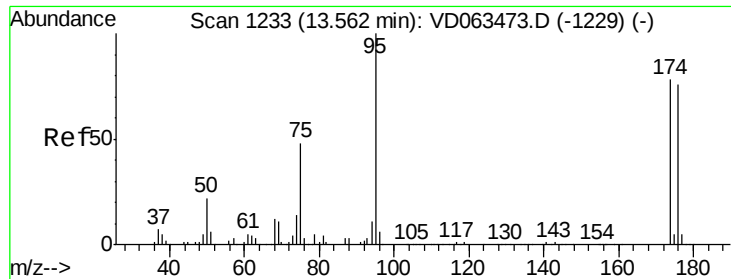
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.7	83.1	124.7
192	13.7	13.1	19.7



#50
 Toluene-d8
 Concen: 29.030 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063555.D
 Acq: 14 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 19.341 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD063555.D

Acq: 14 Aug 2019 5:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

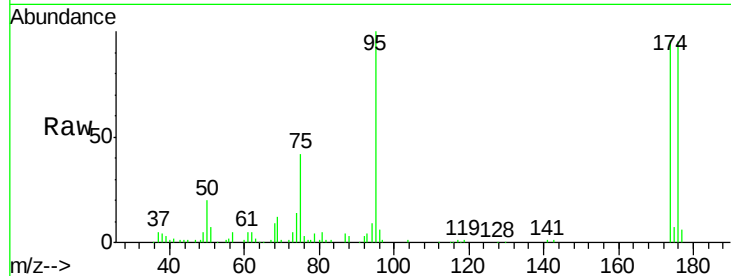
Tot Ion: 95 Resp: 154580

Ion Ratio Lower Upper

95 100

174 96.1 0.0 155.4

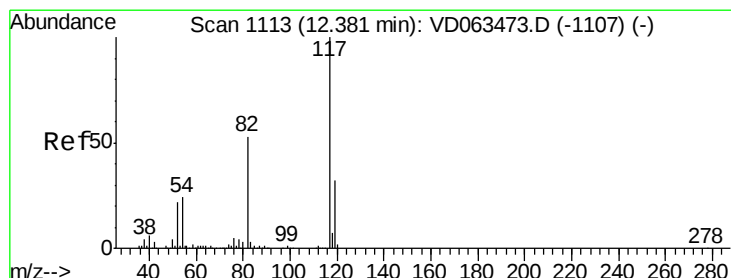
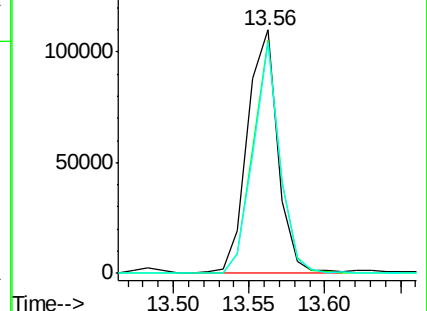
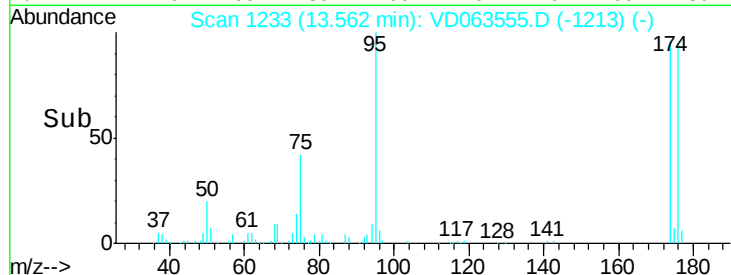
176 95.0 0.0 152.4



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: VD063555.D

Acq: 14 Aug 2019 5:45

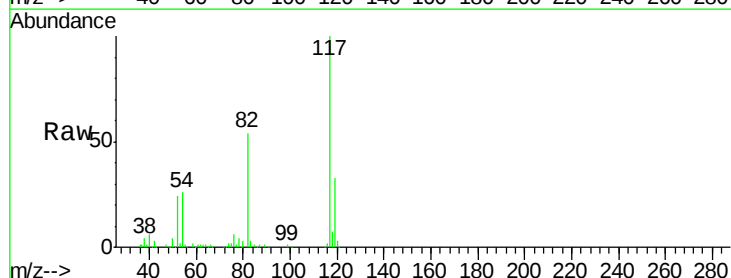
Tgt Ion: 117 Resp: 508815

Ion Ratio Lower Upper

117 100

82 53.8 42.0 63.0

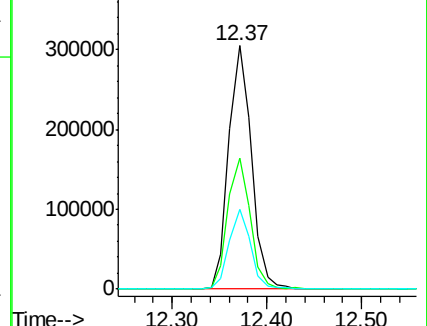
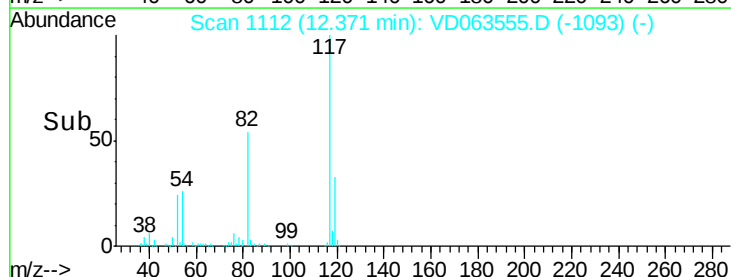
119 32.8 25.4 38.0

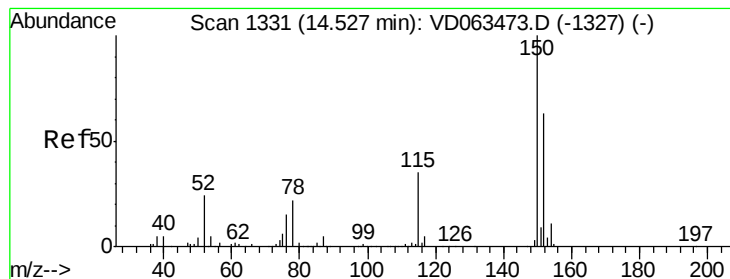


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063555.D

Acq: 14 Aug 2019 5:45

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)

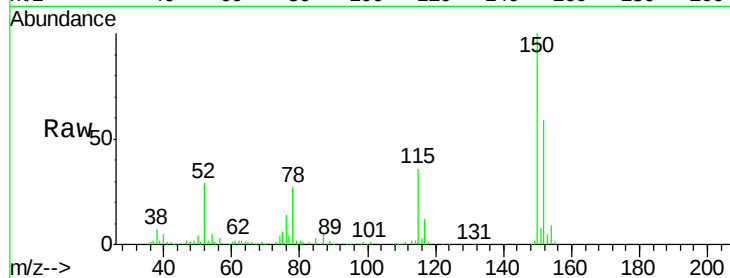
Tot Ion:152 Resp: 118016

Ion Ratio Lower Upper

152 100

115 60.2 30.9 92.7

150 168.1 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

