

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063612.D
 Acq On : 15 Aug 2019 18:16
 Operator : JC/SY
 Sample : K4356-05
 Misc : 3.38g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 16 01:16:17 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

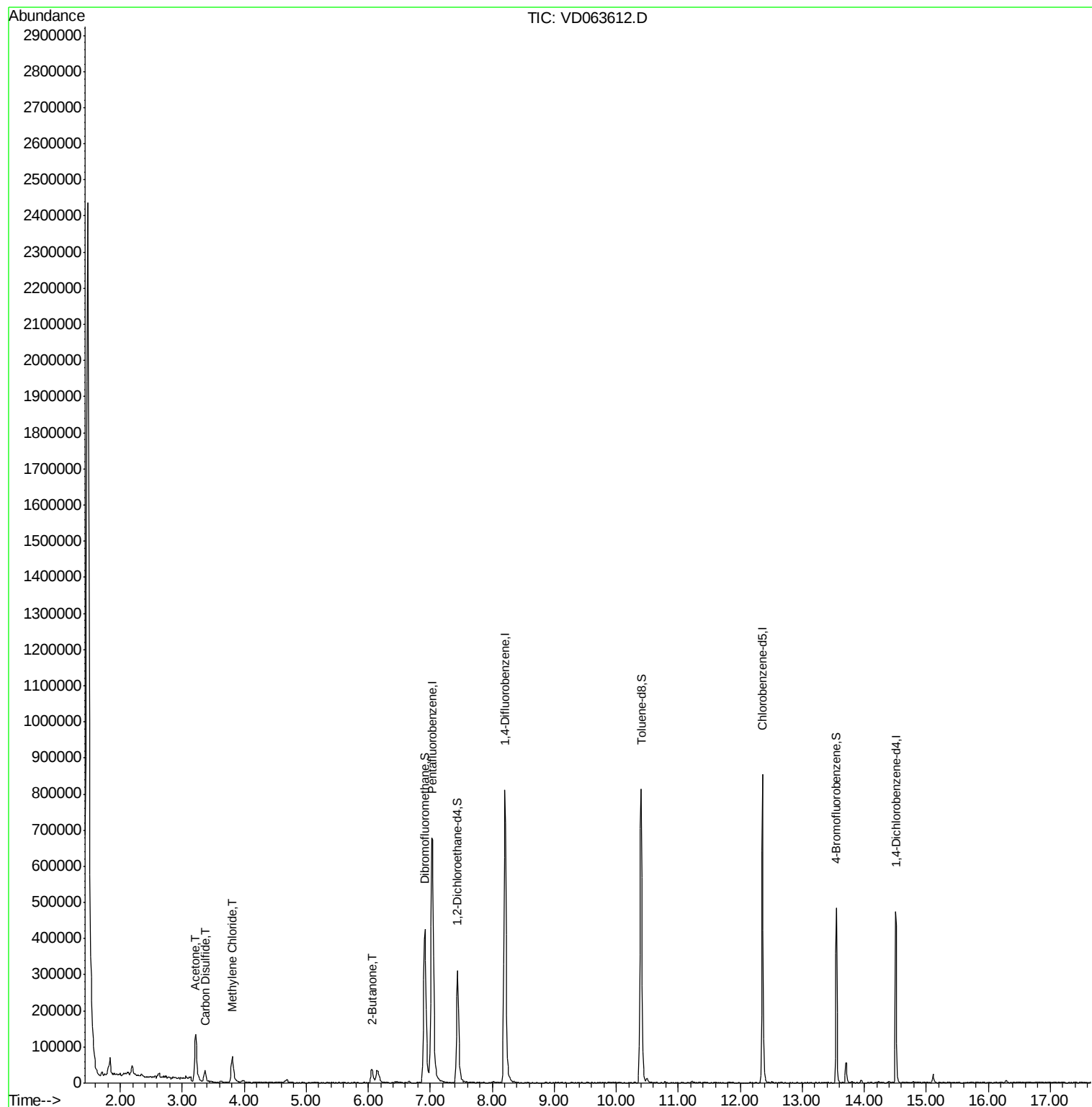
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	708683	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	889310	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	451482	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	113220	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	354569	46.81	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	6.92	113	383140	51.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.40	98	654904	39.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.54%	
62) 4-Bromofluorobenzene	13.55	95	131872	17.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	35.34%	
Target Compounds						
16) Acetone	3.22	43	247329	160.613	ug/l	93
17) Carbon Disulfide	3.36	76	58283	3.225	ug/l #	94
20) Methylene Chloride	3.82	84	42480	6.380	ug/l	94
25) 2-Butanone	6.05	43	77245	50.790	ug/l	93

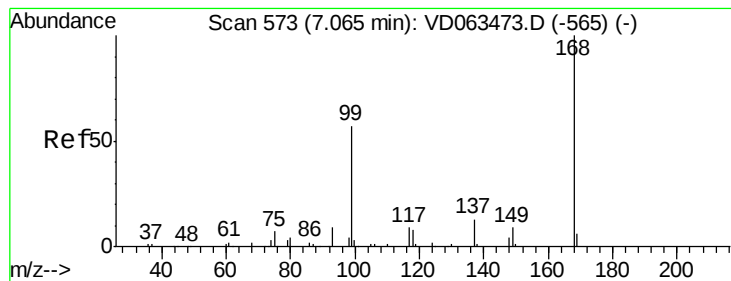
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
Data File : VD063612.D
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ClientSampleId :
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Quant Time: Aug 16 01:16:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063612.D

Acq: 15 Aug 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

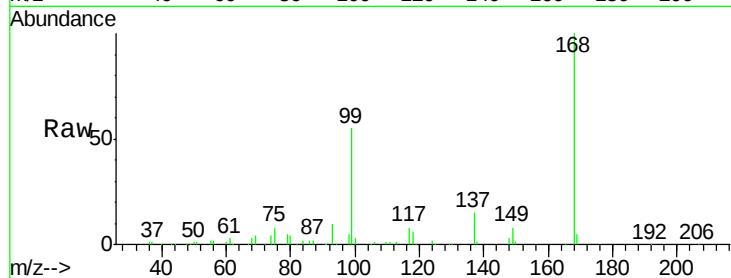
TP-3

Tot Ion:168 Resp: 708683

Ion Ratio Lower Upper

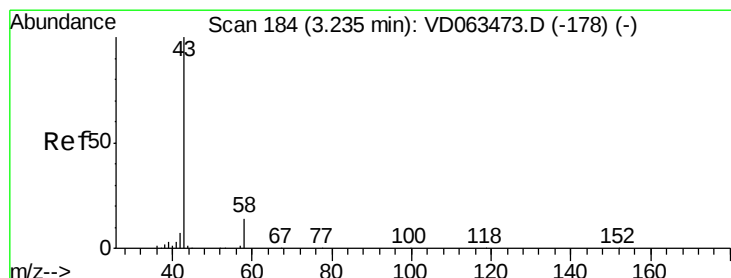
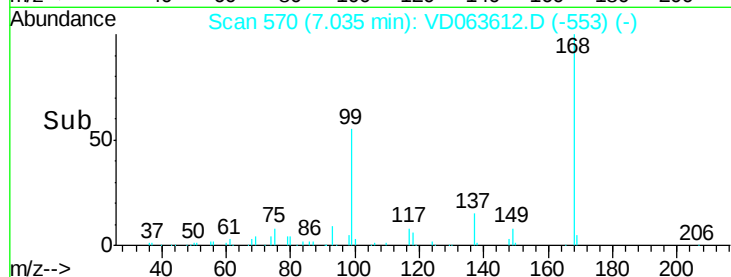
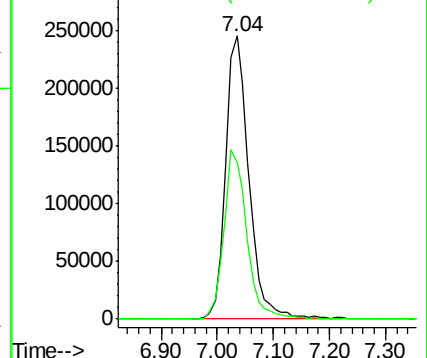
168 100

99 55.2 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: 160.613 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063612.D

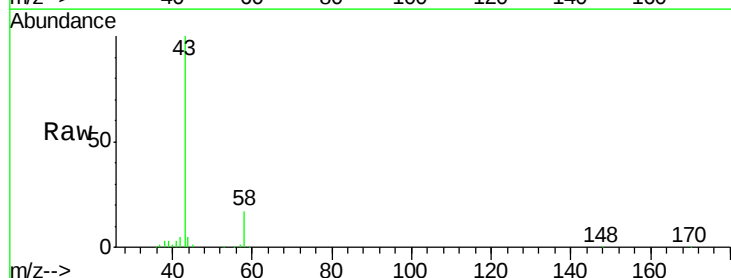
Acq: 15 Aug 2019 18:16

Tgt Ion: 43 Resp: 247329

Ion Ratio Lower Upper

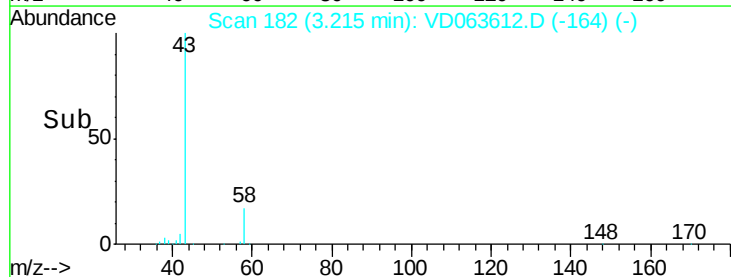
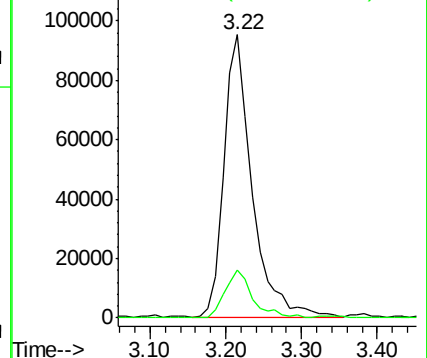
43 100

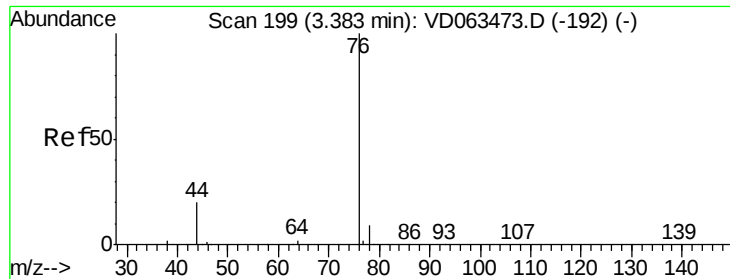
58 17.1 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

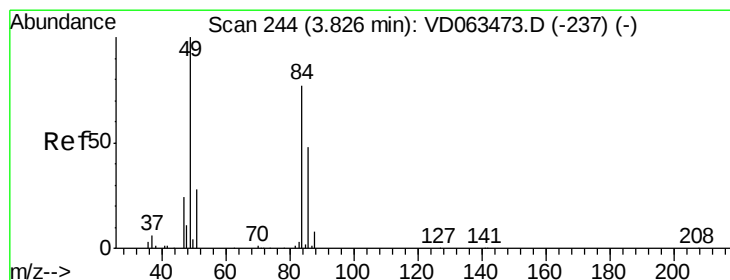
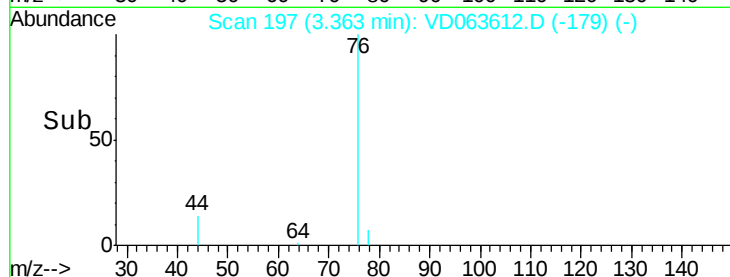
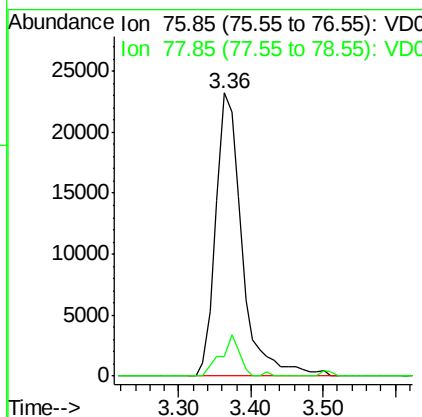
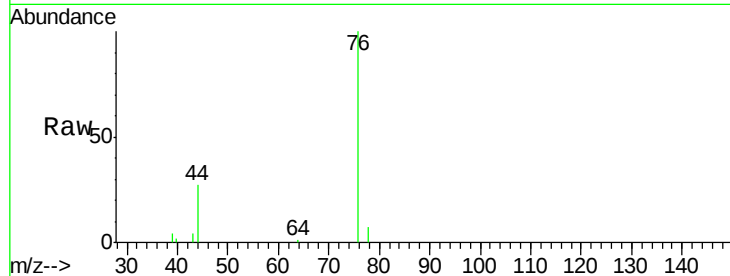




#17
Carbon Disulfide
Concen: 3.225 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD063612.D
Acq: 15 Aug 2019 18:16

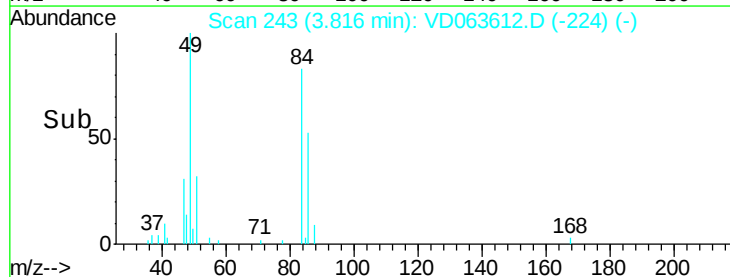
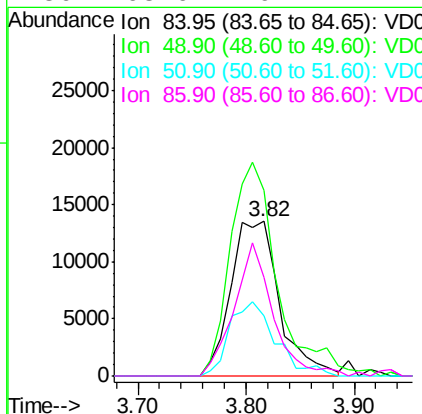
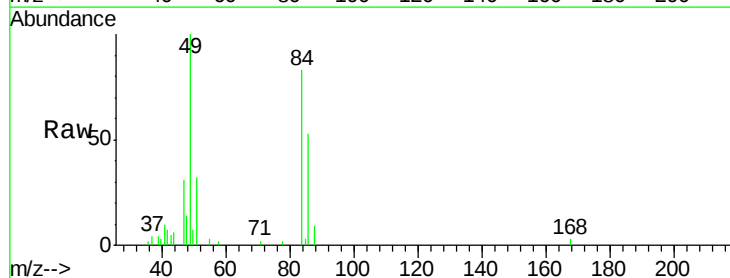
Instrument :
MSVOA_D
ClientSampleId :
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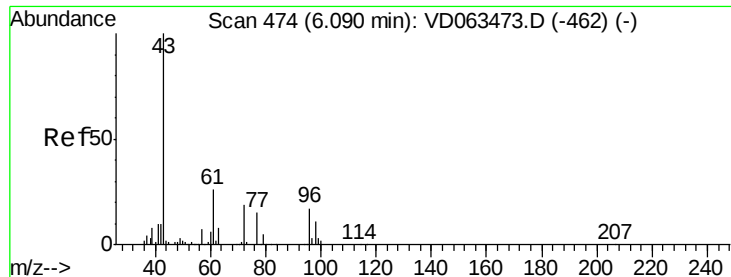
Tot Ion: 76 Resp: 58283
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#20
Methylene Chloride
Concen: 6.380 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063612.D
Acq: 15 Aug 2019 18:16

Tgt Ion: 84 Resp: 42480
Ion Ratio Lower Upper
84 100
49 119.9 103.4 155.2
51 38.5 28.5 42.7
86 63.6 49.4 74.2





#25

2-Butanone

Concen: 50.790 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD063612.D

Acq: 15 Aug 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

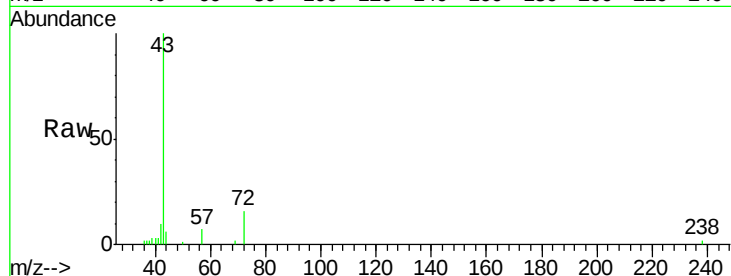
TP-3

Tot Ion: 43 Resp: 77245

Ion Ratio Lower Upper

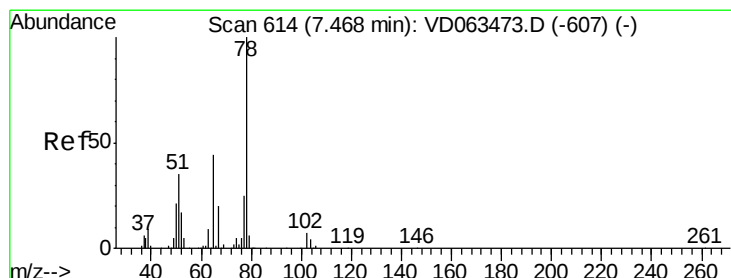
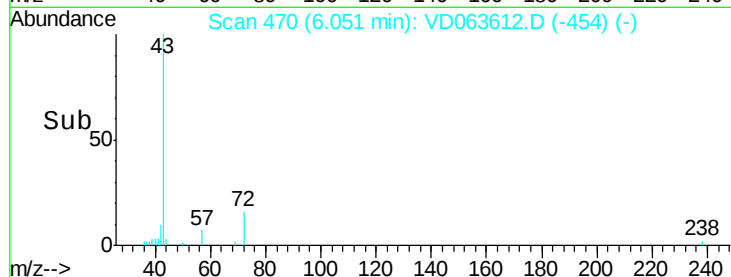
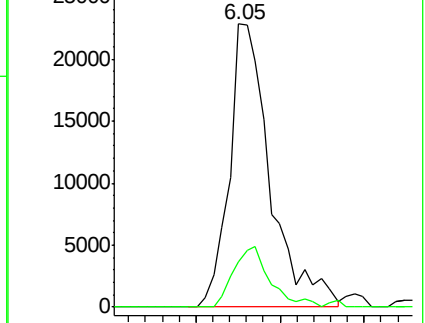
43 100

72 15.9 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.806 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063612.D

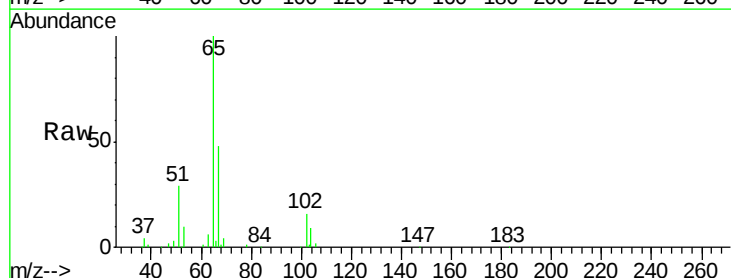
Acq: 15 Aug 2019 18:16

Tgt Ion: 65 Resp: 354569

Ion Ratio Lower Upper

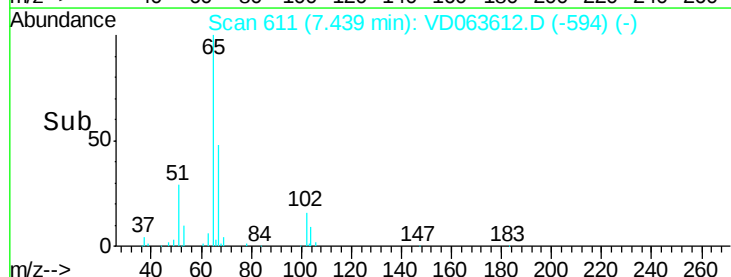
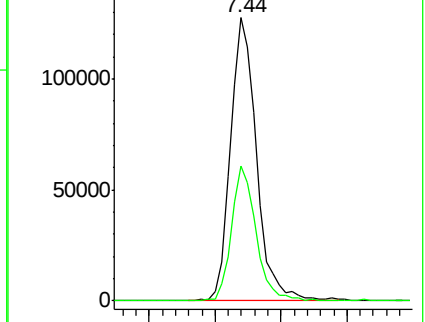
65 100

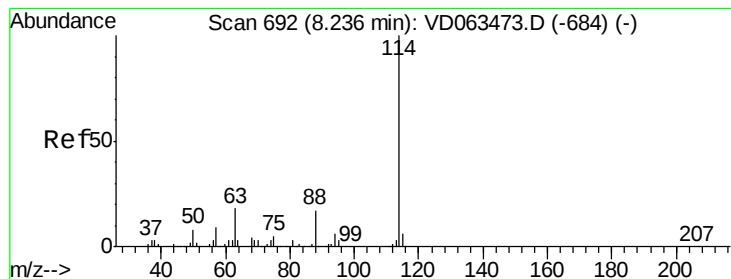
67 47.7 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063612.D

Acq: 15 Aug 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

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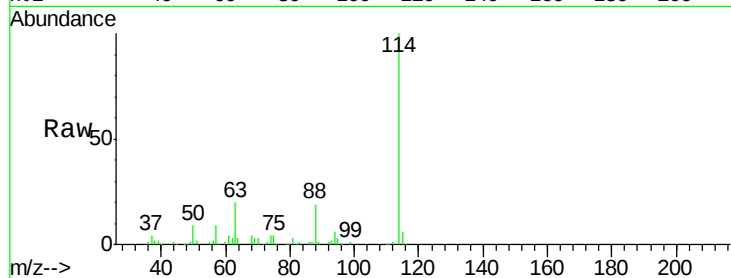
Tot Ion:114 Resp: 889310

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

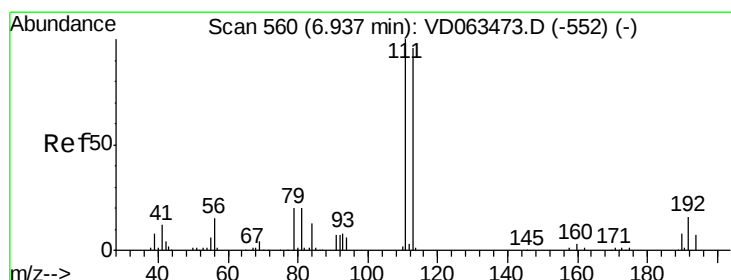
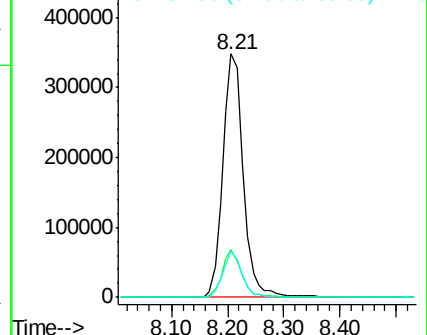
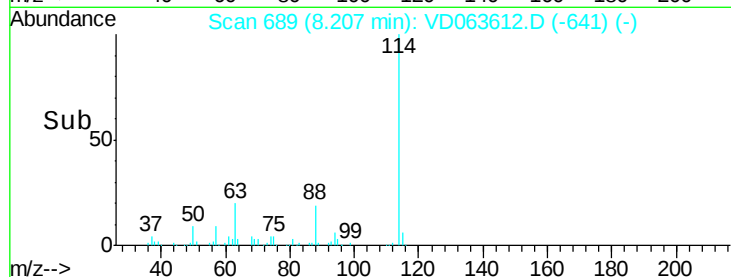
88 18.9 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 51.155 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063612.D

Acq: 15 Aug 2019 18:16

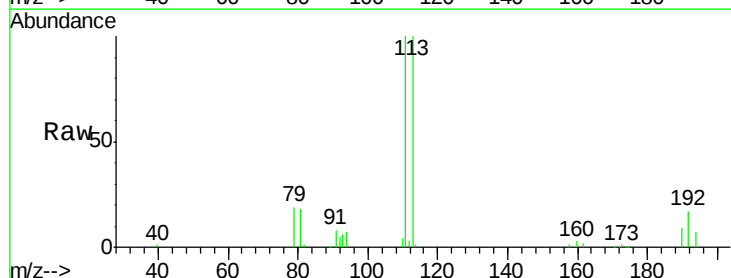
Tgt Ion:113 Resp: 383140

Ion Ratio Lower Upper

113 100

111 100.2 83.1 124.7

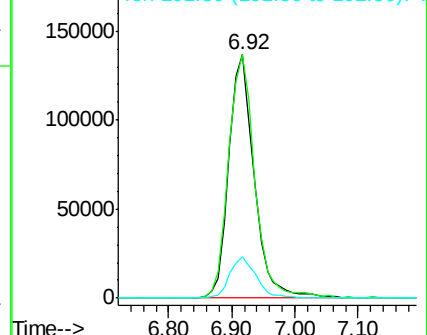
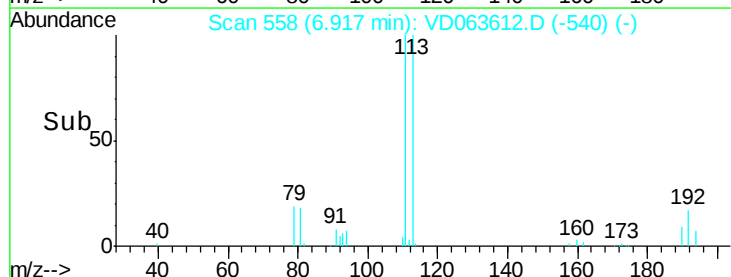
192 16.8 13.1 19.7

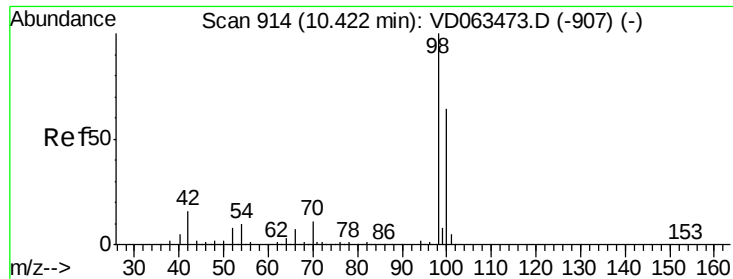


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

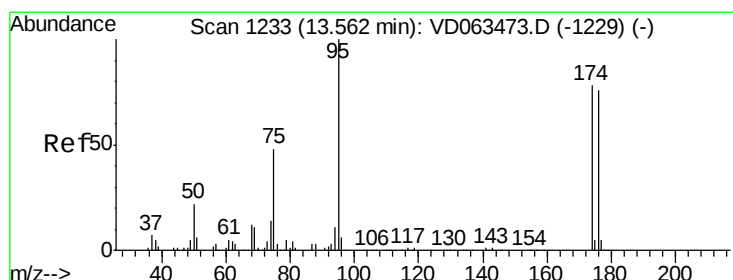
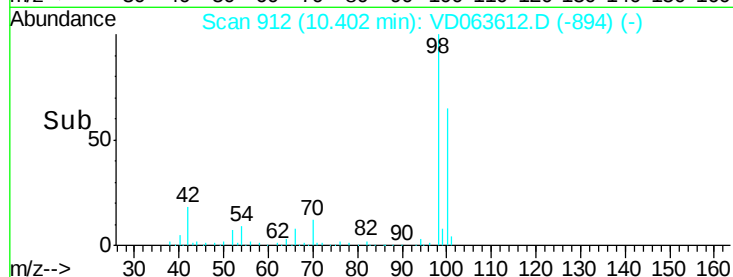
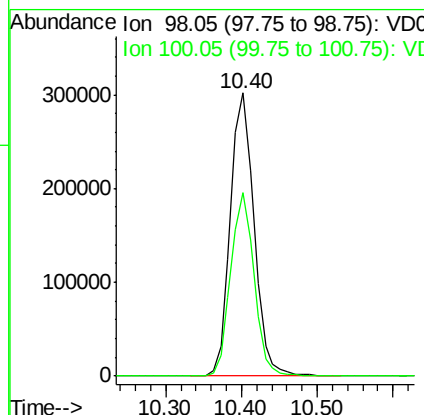
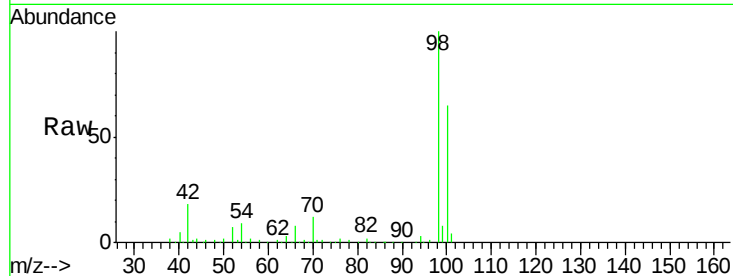




#50
Toluene-d8
Concen: 39.771 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063612.D
Acq: 15 Aug 2019 18:16

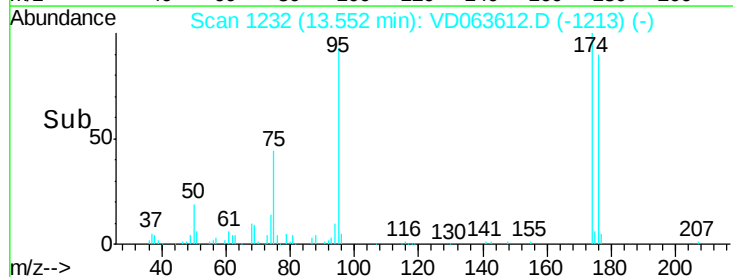
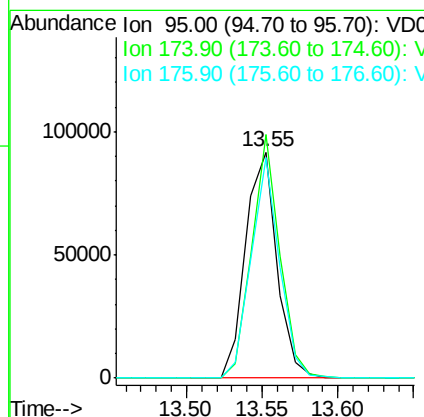
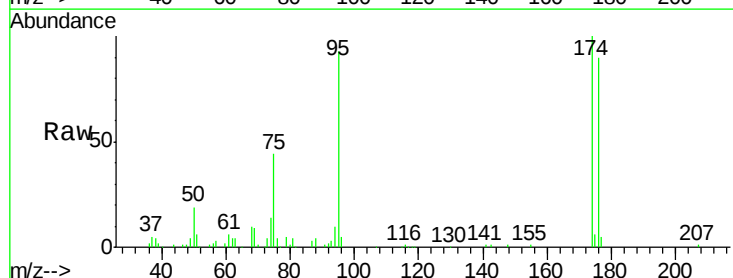
Instrument :
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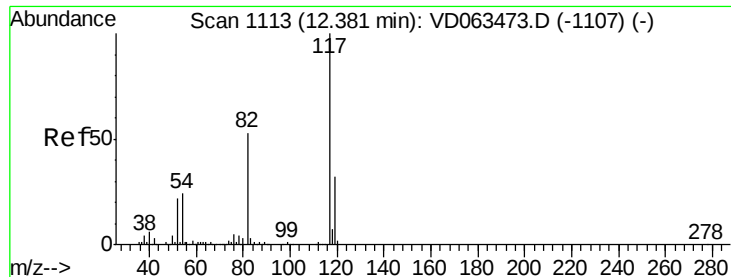
Tot Ion: 98 Resp: 654904
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 17.669 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063612.D
Acq: 15 Aug 2019 18:16

Tgt Ion: 95 Resp: 131872
Ion Ratio Lower Upper
95 100
174 107.7 0.0 155.4
176 97.4 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063612.D

Acq: 15 Aug 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

TP-3

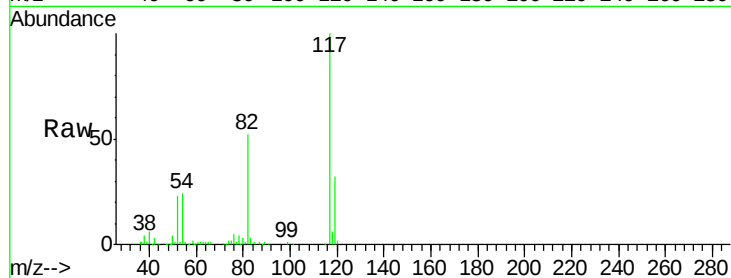
Tot Ion:117 Resp: 451482

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

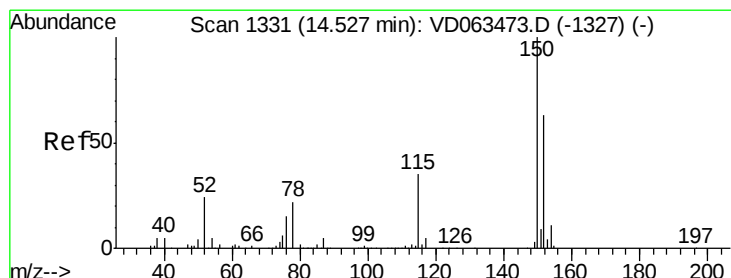
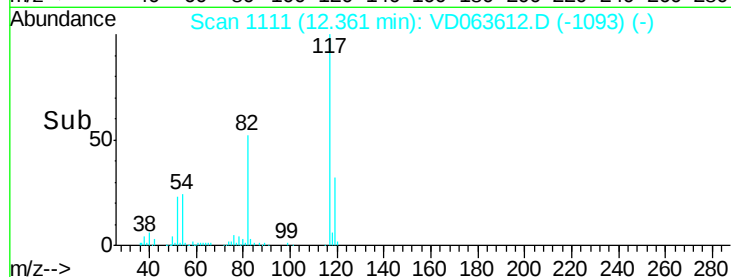
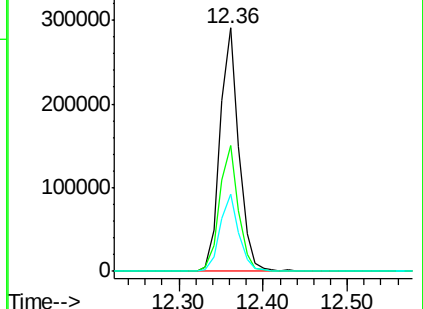
119 31.6 25.4 38.0



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: VD063612.D

Acq: 15 Aug 2019 18:16

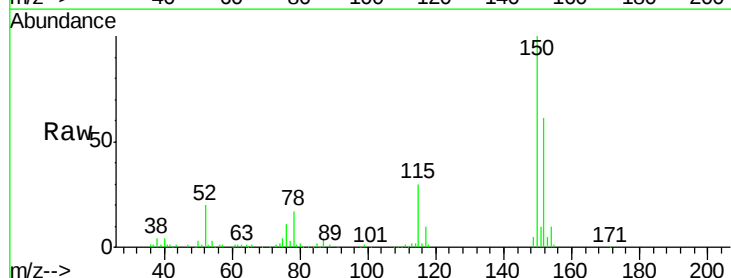
Tgt Ion:152 Resp: 113220

Ion Ratio Lower Upper

152 100

115 48.9 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

