

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063589.D
 Acq On : 14 Aug 2019 22:08
 Operator : JC/SY
 Sample : K4324-06
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(4)

Quant Time: Aug 15 13:10:47 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

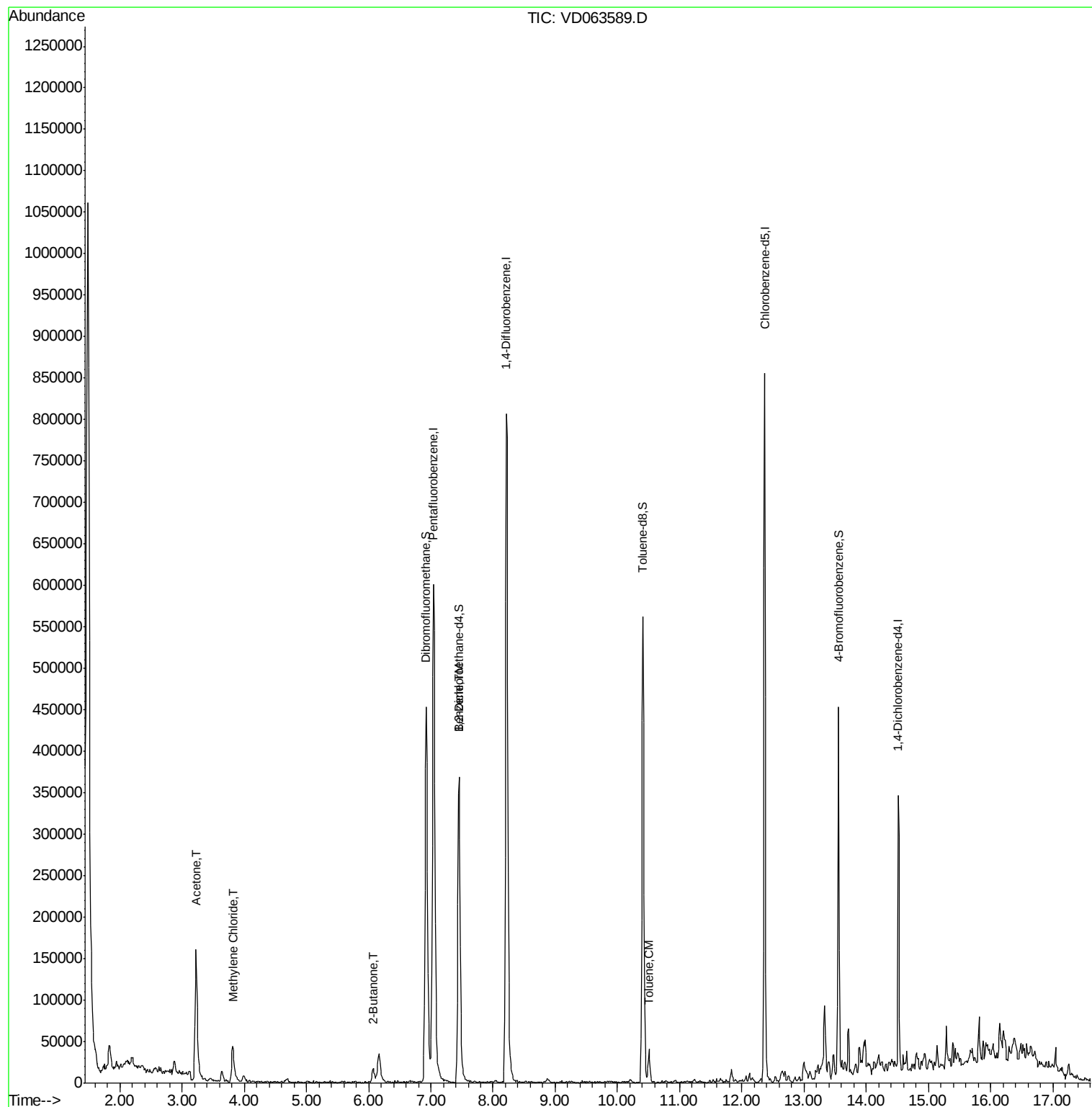
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	574188	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	860159	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	437076	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	73428	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	390146	63.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	127.14%	
35) Dibromofluoromethane	6.92	113	396460	54.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.46%	
50) Toluene-d8	10.41	98	439920	27.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	55.24%	
62) 4-Bromofluorobenzene	13.56	95	126302	17.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.00%	
Target Compounds						
16) Acetone	3.22	43	300870	241.148	ug/l	98
20) Methylene Chloride	3.81	84	27819	5.156	ug/l	89
25) 2-Butanone	6.08	43	37776	30.657	ug/l	96
40) Benzene	7.46	78	35478	2.120	ug/l	99
52) Toluene	10.51	92	16256	1.508	ug/l #	73

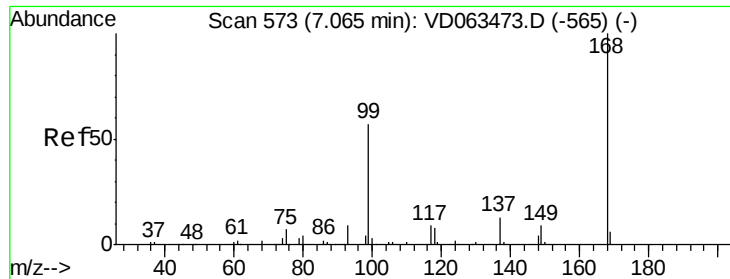
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081419\
Data File : VD063589.D
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ClientSampleId :
T8-E1-(4)

Quant Time: Aug 15 13:10:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

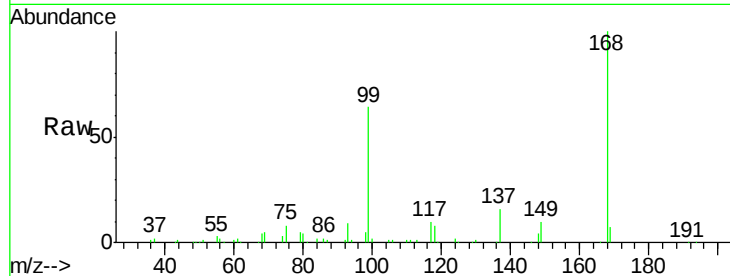
T8-E1-(4)

Tot Ion:168 Resp: 574188

Ion Ratio Lower Upper

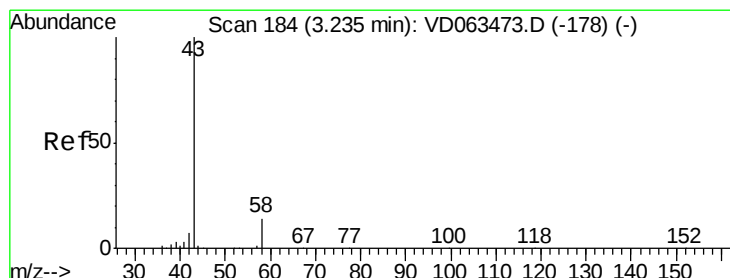
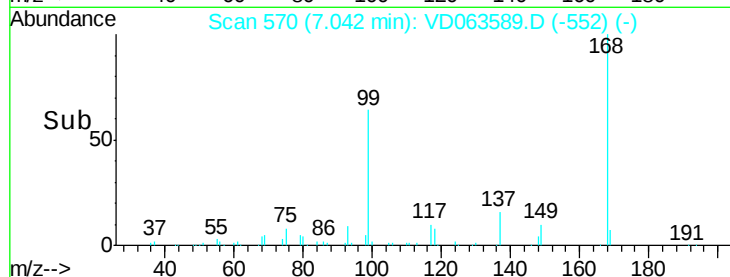
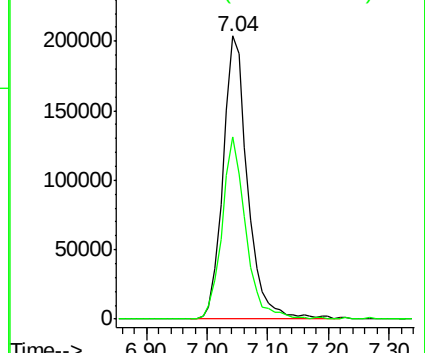
168 100

99 64.5 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: 241.148 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063589.D

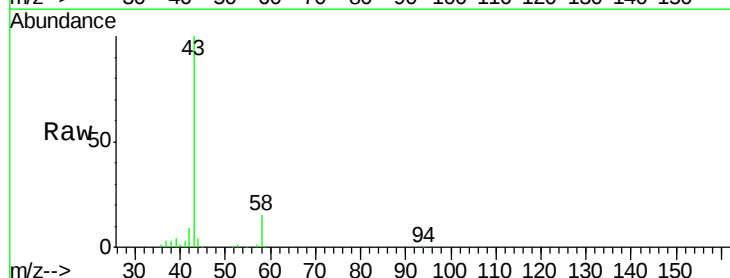
Acq: 14 Aug 2019 22:08

Tgt Ion: 43 Resp: 300870

Ion Ratio Lower Upper

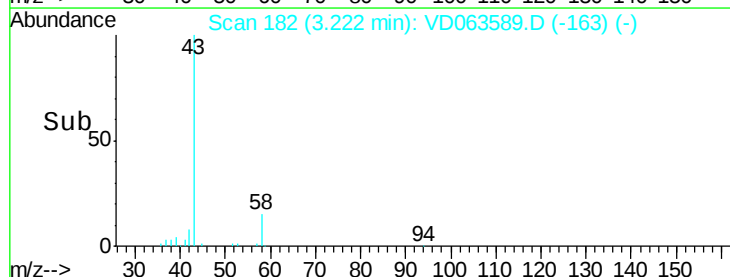
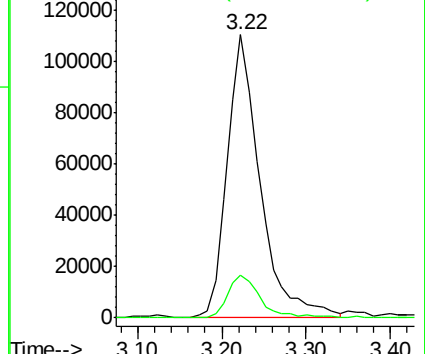
43 100

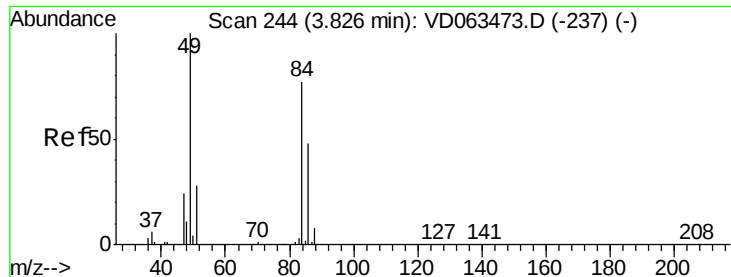
58 14.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

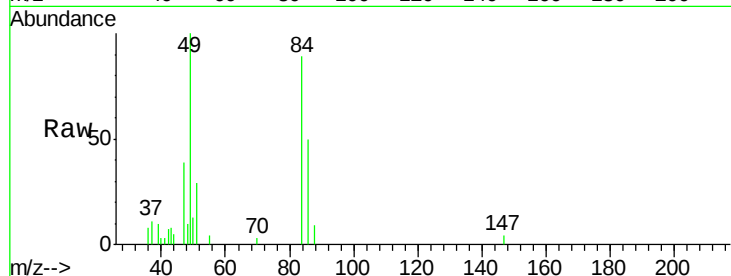




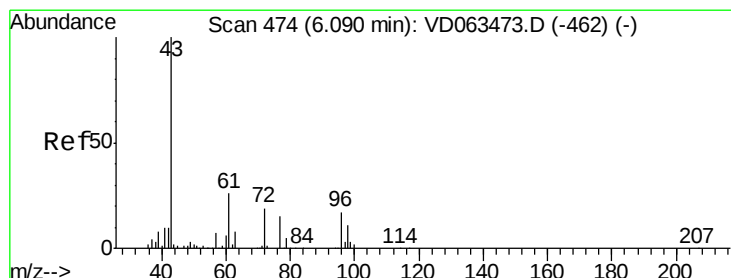
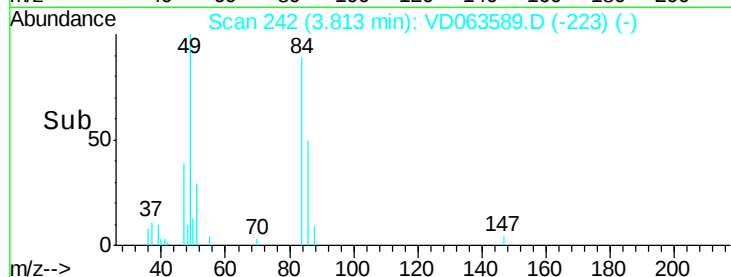
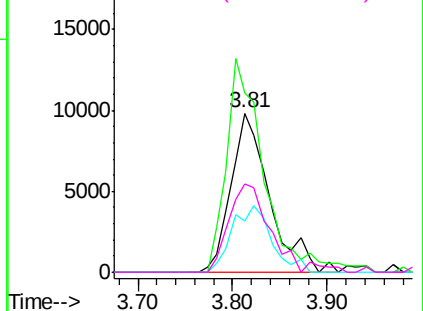
#20
Methylene Chloride
Concen: 5.156 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063589.D
Acq: 14 Aug 2019 22:08

Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(4)

Tot Ion: 84 Resp: 27819
Ion Ratio Lower Upper
84 100
49 113.0 103.4 155.2
51 32.4 28.5 42.7
86 55.9 49.4 74.2

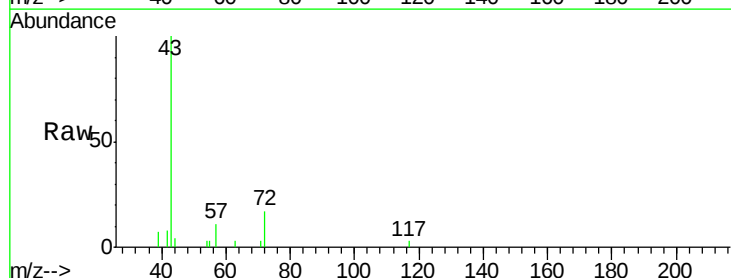


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

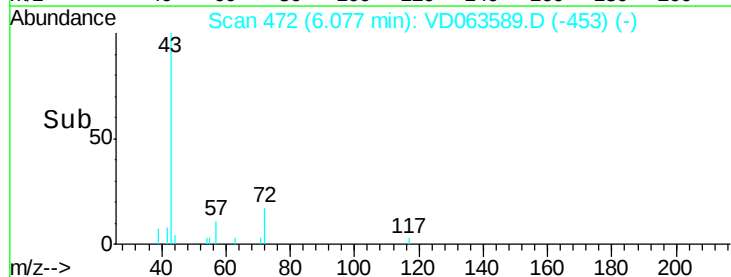
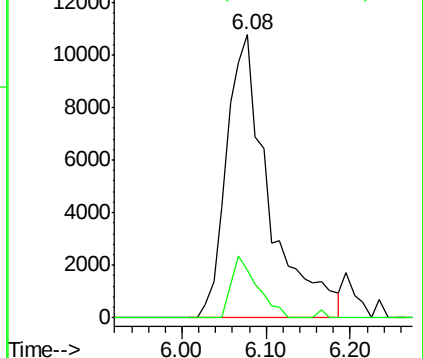


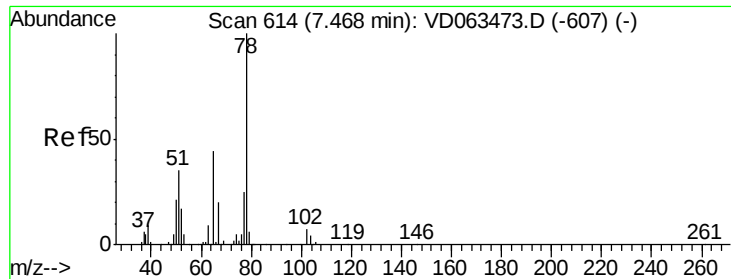
#25
2-Butanone
Concen: 30.657 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: VD063589.D
Acq: 14 Aug 2019 22:08

Tgt Ion: 43 Resp: 37776
Ion Ratio Lower Upper
43 100
72 17.0 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: 63.566 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

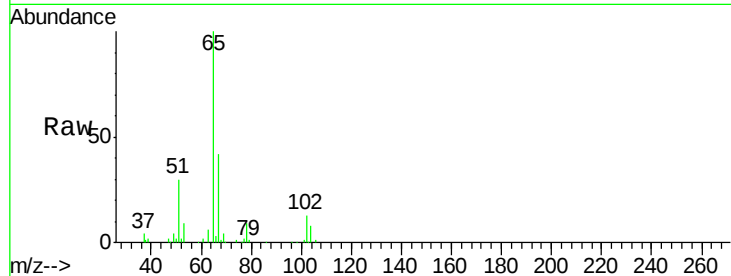
T8-E1-(4)

Tot Ion: 65 Resp: 390146

Ion Ratio Lower Upper

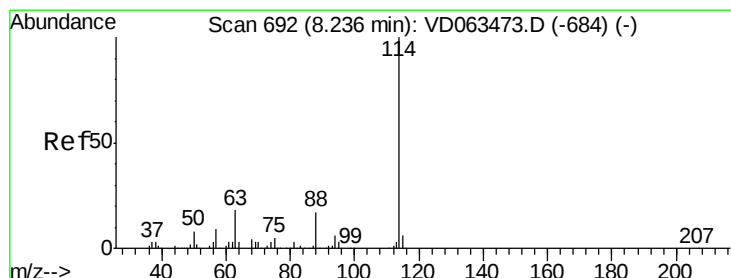
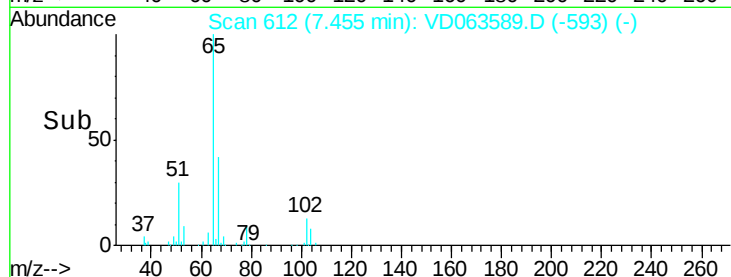
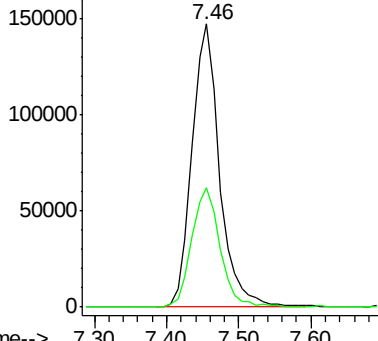
65 100

67 42.1 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. -0.02 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

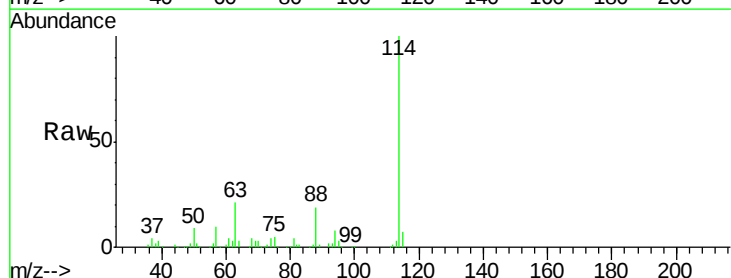
Tgt Ion: 114 Resp: 860159

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.2

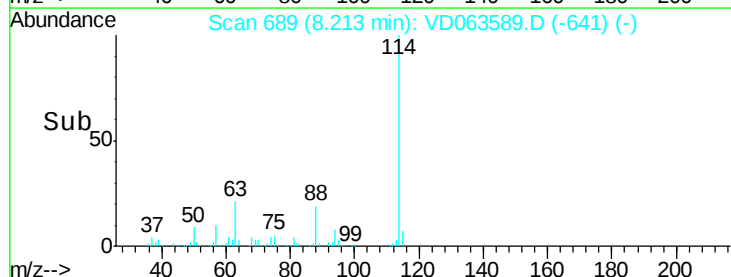
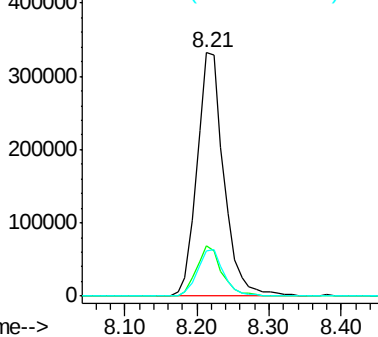
88 18.7 0.0 35.0

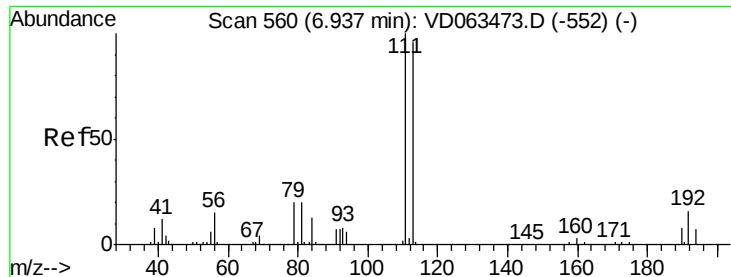


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.727 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(4)

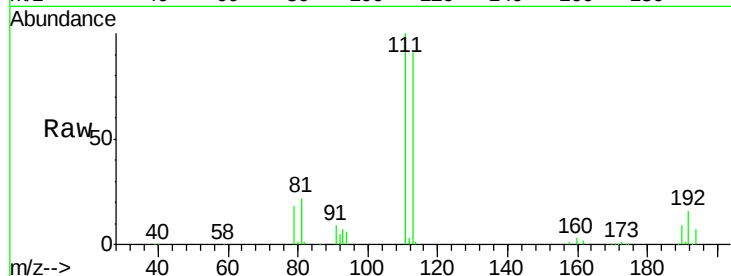
Tot Ion:113 Resp: 396460

Ion Ratio Lower Upper

113 100

111 109.5 83.1 124.7

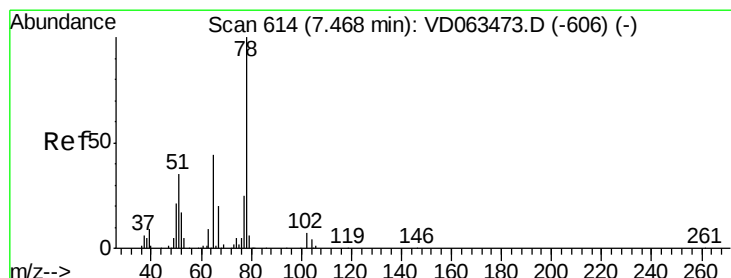
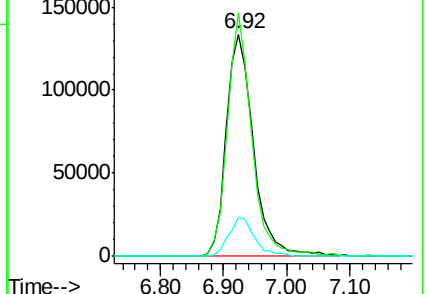
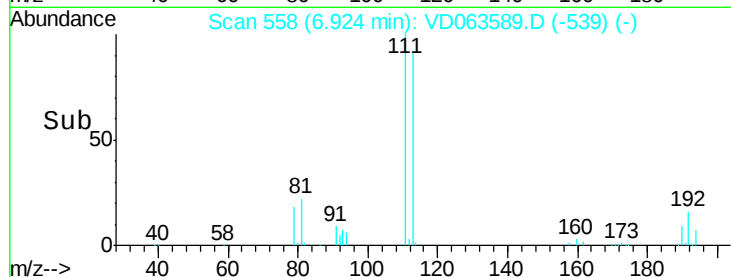
192 17.6 13.1 19.7



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



#40

Benzene

Concen: 2.120 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063589.D

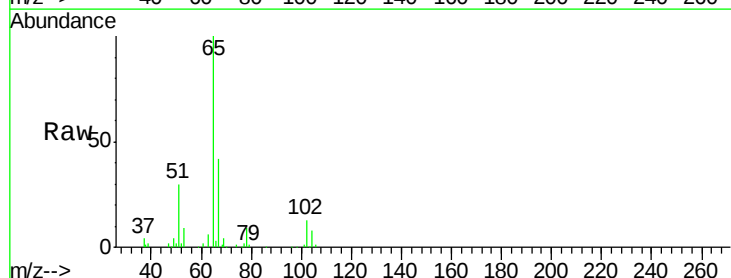
Acq: 14 Aug 2019 22:08

Tgt Ion: 78 Resp: 35478

Ion Ratio Lower Upper

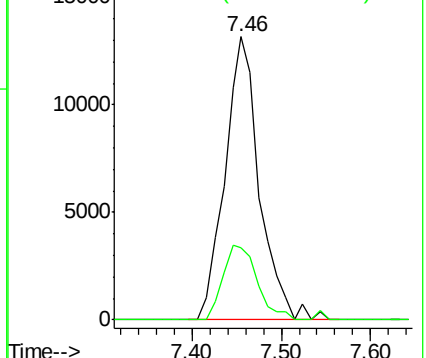
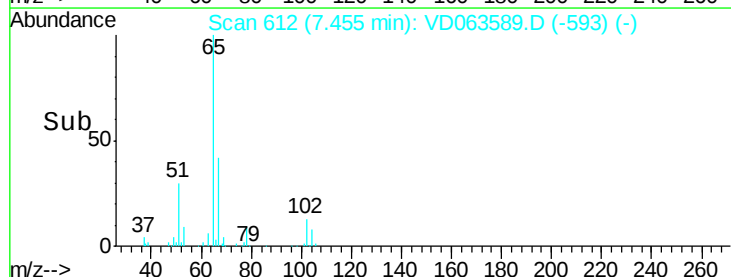
78 100

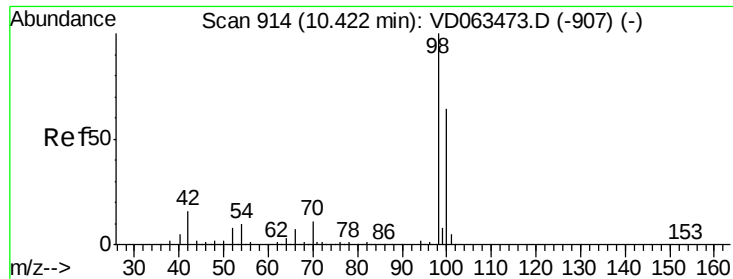
77 25.4 20.1 30.1



Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V





#50

Toluene-d8

Concen: 27.621 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

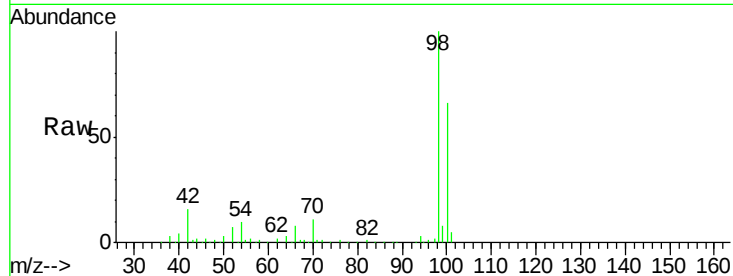
T8-E1-(4)

Tot Ion: 98 Resp: 439920

Ion Ratio Lower Upper

98 100

100 66.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)

10.41

200000

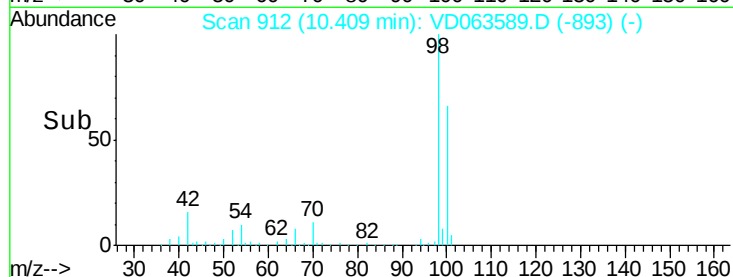
150000

100000

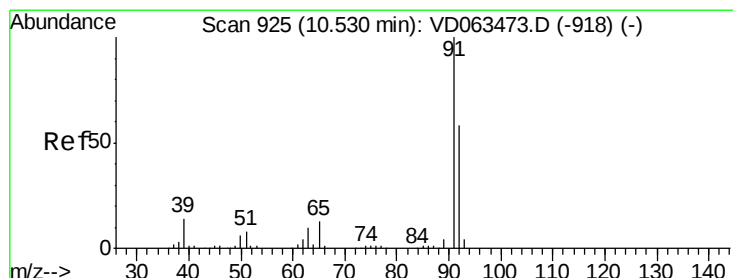
50000

0

Time-->



Time-->



#52

Toluene

Concen: 1.508 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD063589.D

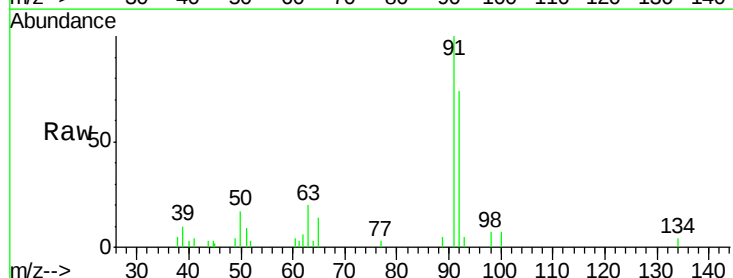
Acq: 14 Aug 2019 22:08

Tgt Ion: 92 Resp: 16256

Ion Ratio Lower Upper

92 100

91 134.8 137.9 206.9#



Abundance Ion 92.00 (91.70 to 92.70): VD063473.D (-918) (-)

Ion 91.00 (90.70 to 91.70): VD063473.D (-918) (-)

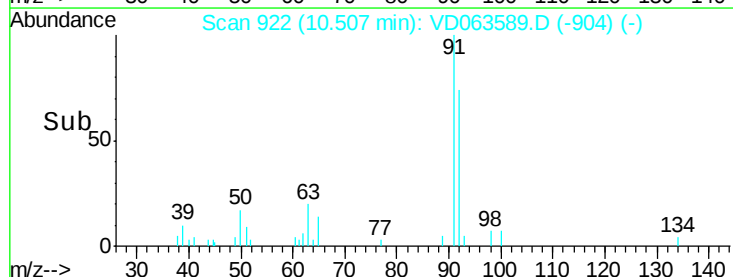
15000

10000

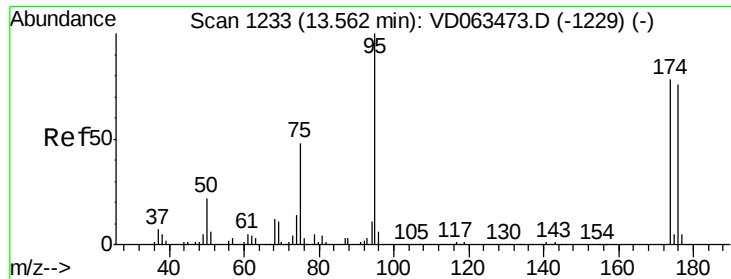
5000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 17.496 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(4)

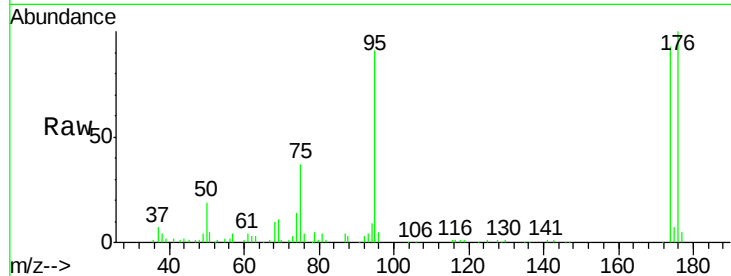
Tot Ion: 95 Resp: 126302

Ion Ratio Lower Upper

95 100

174 102.0 0.0 155.4

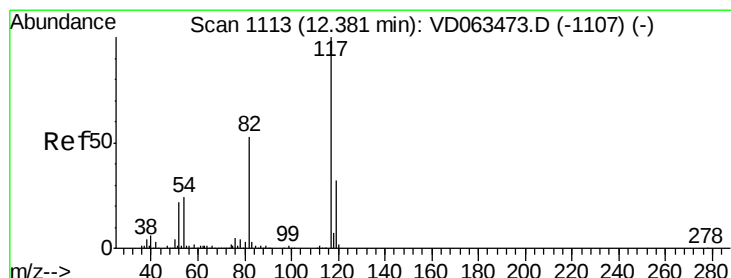
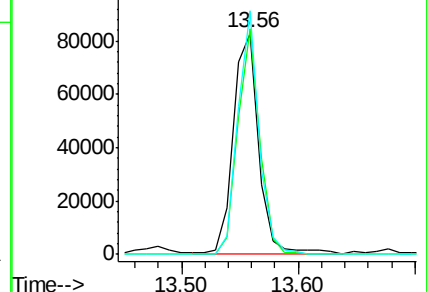
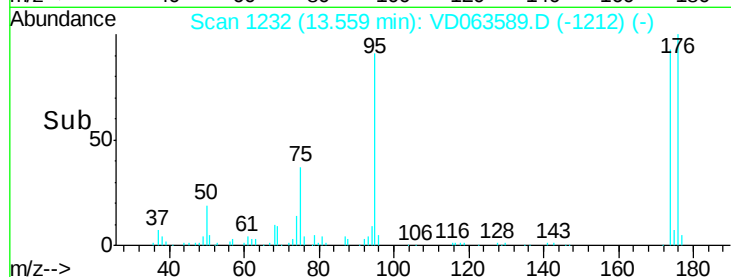
176 110.1 0.0 152.4



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# 1111

Delta R.T. -0.01 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

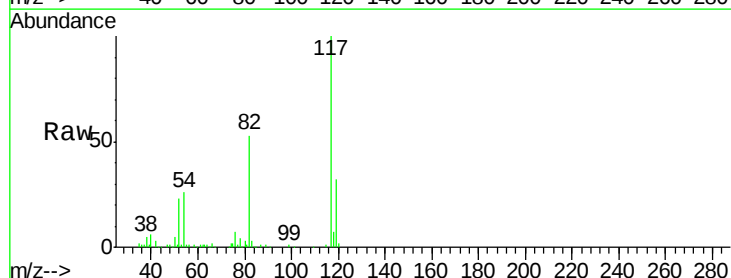
Tgt Ion: 117 Resp: 437076

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

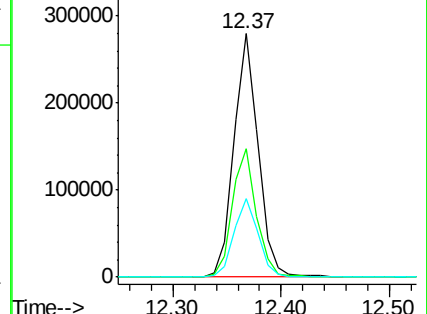
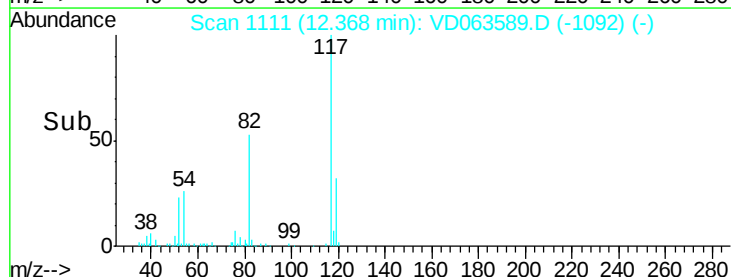
119 32.0 25.4 38.0

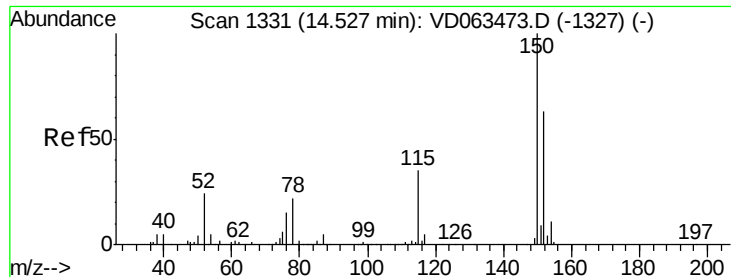


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063589.D

Acq: 14 Aug 2019 22:08

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(4)

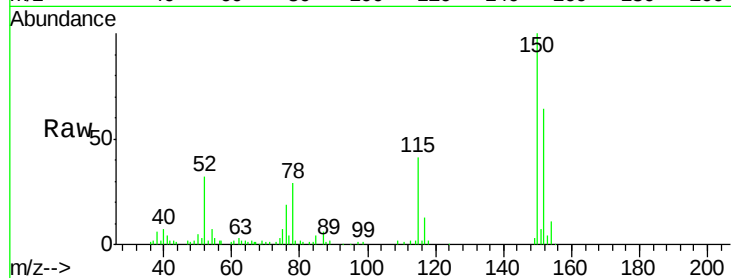
Tot Ion:152 Resp: 73428

Ion Ratio Lower Upper

152 100

115 65.1 30.9 92.7

150 157.4 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

