

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063590.D
 Acq On : 14 Aug 2019 22:35
 Operator : JC/SY
 Sample : K4324-08RE
 Misc : 5.43g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(0)RE

Quant Time: Aug 15 13:13:43 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

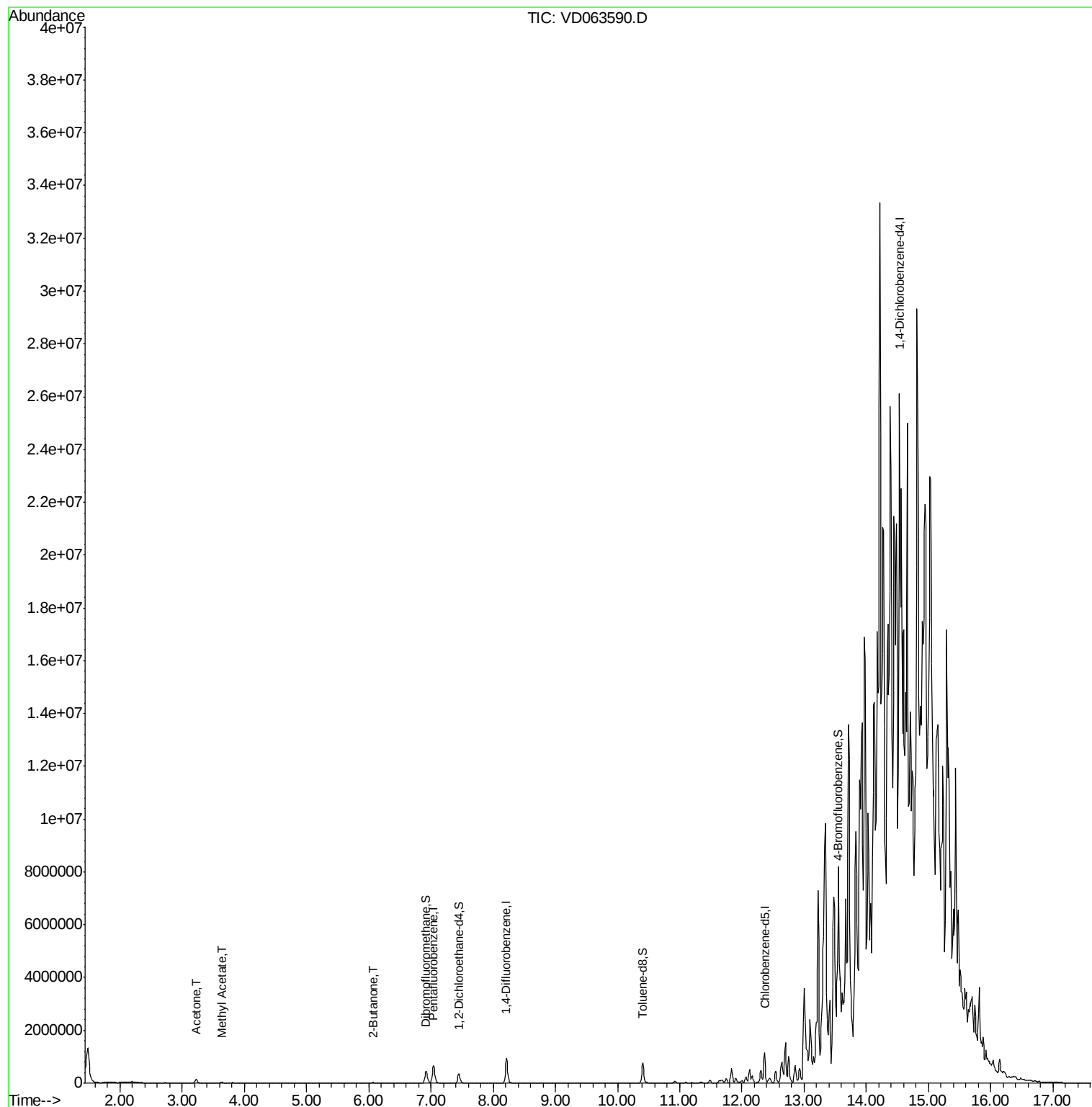
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	657620	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	972429	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	568507	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	232982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	395096	56.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	6.91	113	408000	49.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.41	98	573414	31.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	63.70%	
62) 4-Bromofluorobenzene	13.54	95	405156	49.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	3.22	43	292704	204.839	ug/l	100
18) Methyl Acetate	3.64	43	60226	22.251	ug/l	99
25) 2-Butanone	6.07	43	46440	32.906	ug/l	93

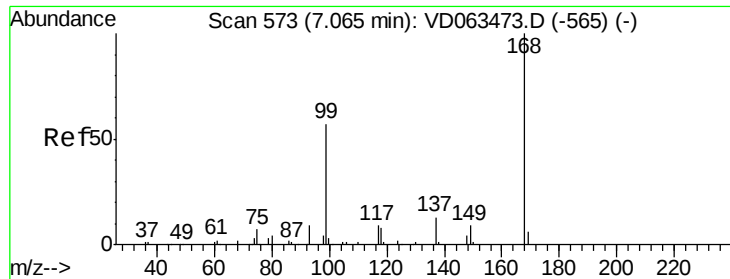
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081419\
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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: VD063590.D

Acq: 14 Aug 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

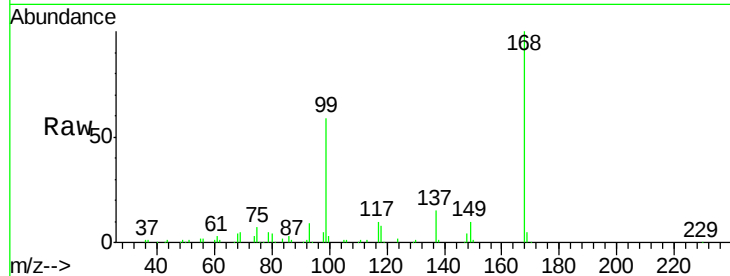
T8-C1-(0)RE

Tot Ion:168 Resp: 657620

Ion Ratio Lower Upper

168 100

99 58.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

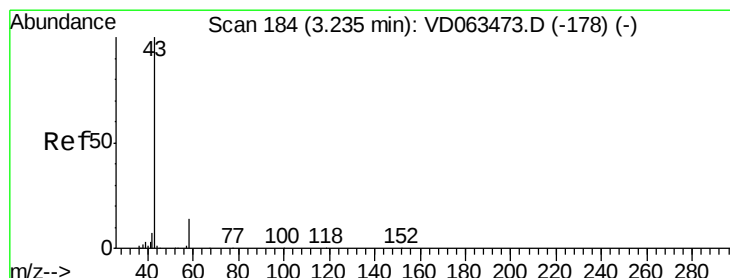
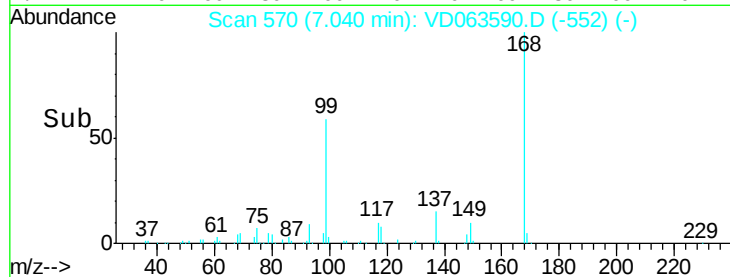
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 204.839 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063590.D

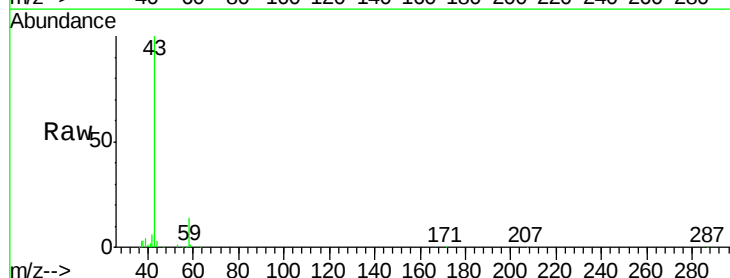
Acq: 14 Aug 2019 22:35

Tgt Ion: 43 Resp: 292704

Ion Ratio Lower Upper

43 100

58 14.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

120000

100000

80000

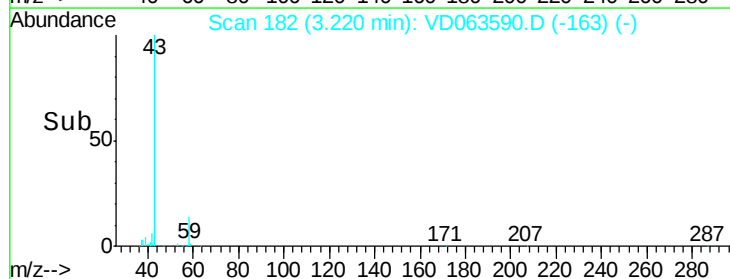
60000

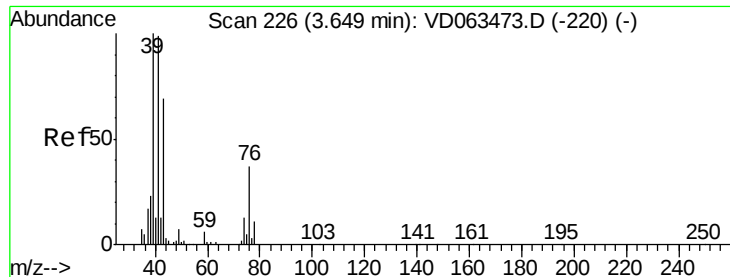
40000

20000

0

Time-->

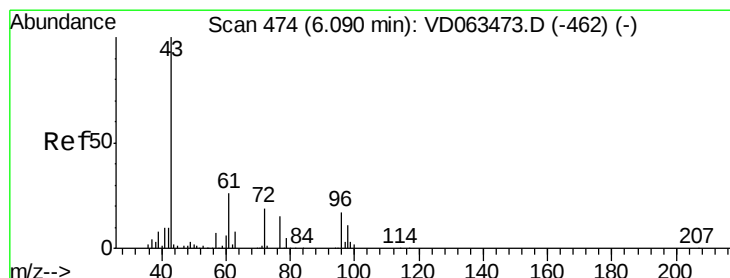
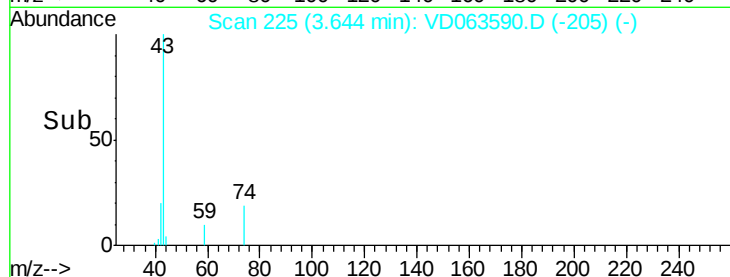
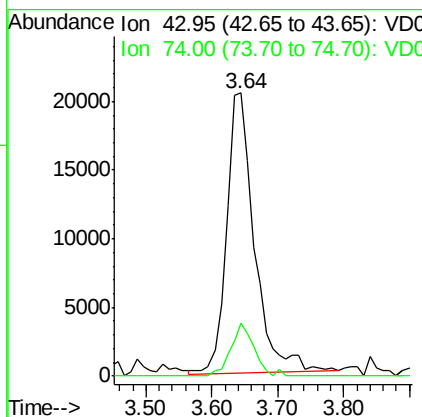
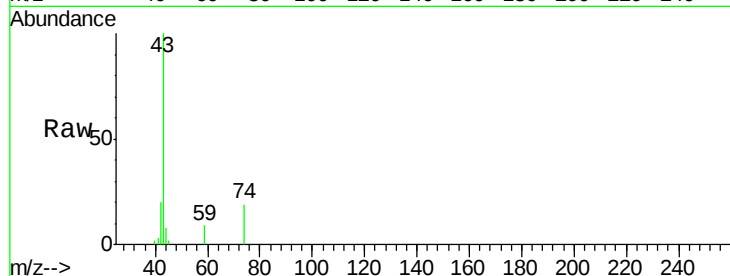




#18
Methvl Acetate
Concen: 22.251 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD063590.D
Acq: 14 Aug 2019 22:35

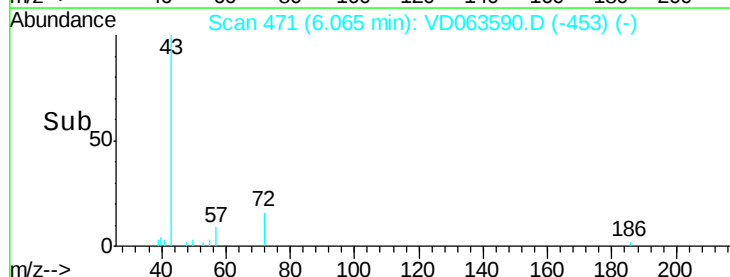
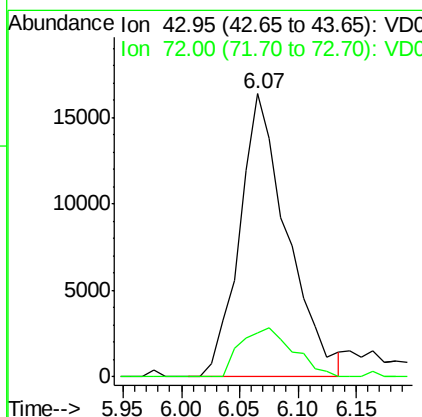
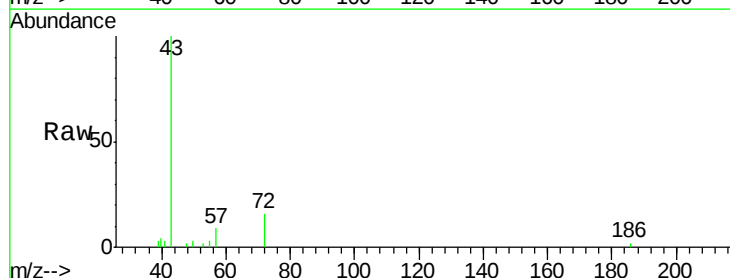
Instrument :
MSVOA_D
ClientSampleId :
T8-C1-(0)RE

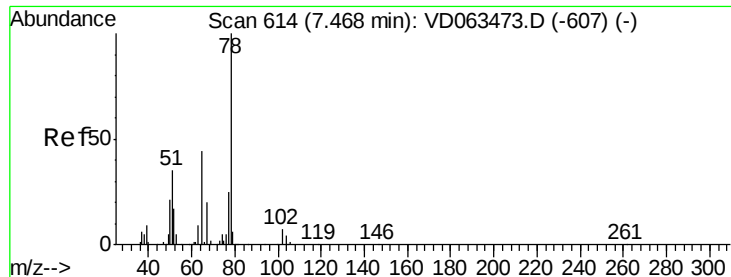
Tot Ion: 43 Resp: 60226
Ion Ratio Lower Upper
43 100
74 18.8 15.4 23.2



#25
2-Butanone
Concen: 32.906 ug/l
RT: 6.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: VD063590.D
Acq: 14 Aug 2019 22:35

Tgt Ion: 43 Resp: 46440
Ion Ratio Lower Upper
43 100
72 15.7 15.1 22.7





#33

1,2-Dichloroethane-d4

Concen: 56.206 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

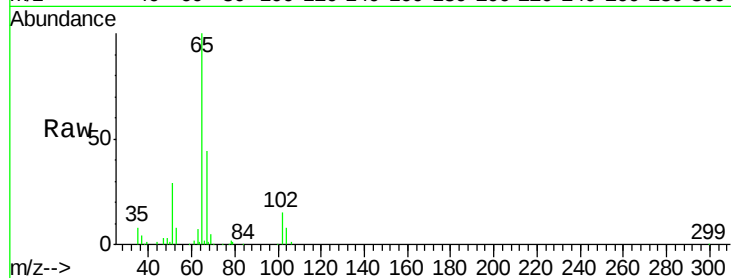
T8-C1-(0)RE

Tot Ion: 65 Resp: 395096

Ion Ratio Lower Upper

65 100

67 43.6 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

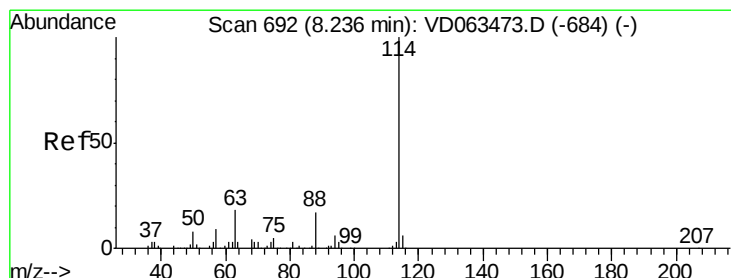
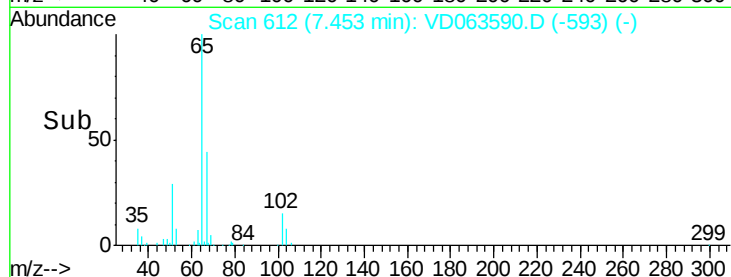
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

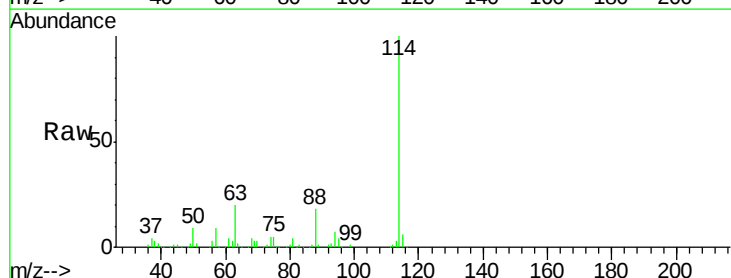
Tgt Ion: 114 Resp: 972429

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.2

88 17.5 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

500000

400000

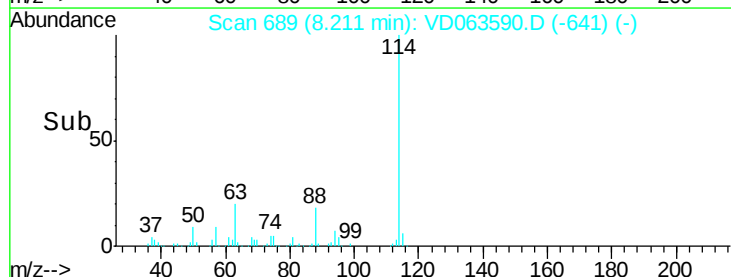
300000

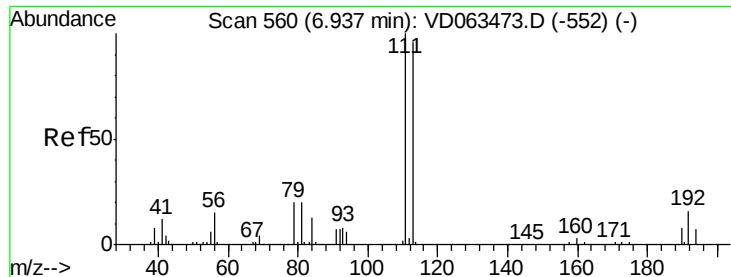
200000

100000

0

Time--> 8.10 8.20 8.30 8.40 8.50





#35

Dibromofluoromethane

Concen: 49.818 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(0)RE

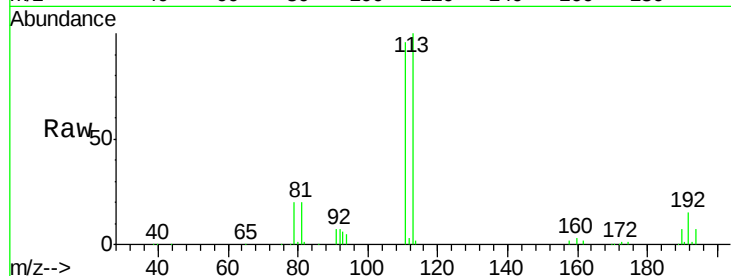
Tot Ion:113 Resp: 408000

Ion Ratio Lower Upper

113 100

111 95.7 83.1 124.7

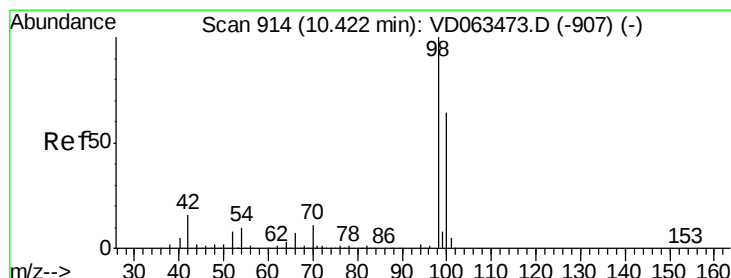
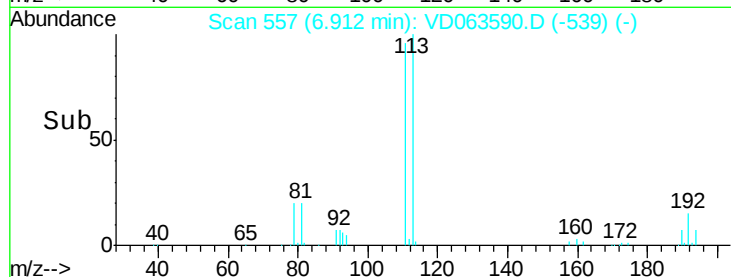
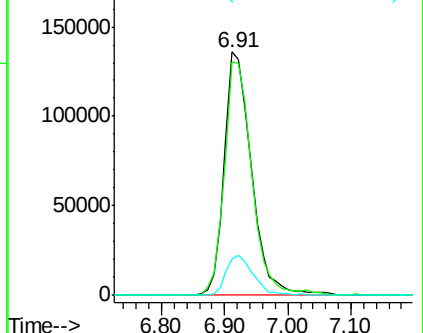
192 15.0 13.1 19.7



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: 31.846 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063590.D

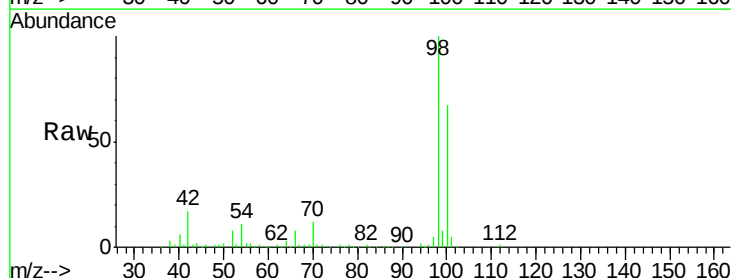
Acq: 14 Aug 2019 22:35

Tgt Ion: 98 Resp: 573414

Ion Ratio Lower Upper

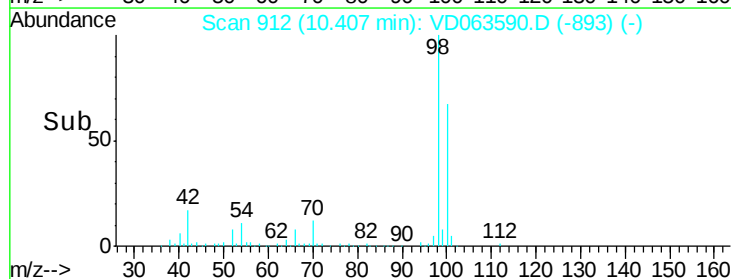
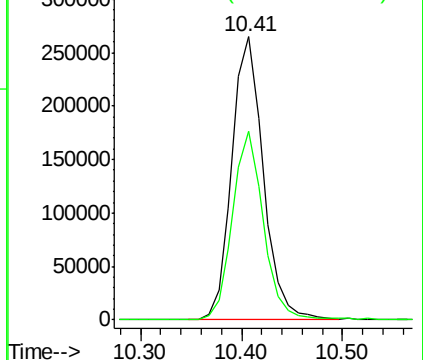
98 100

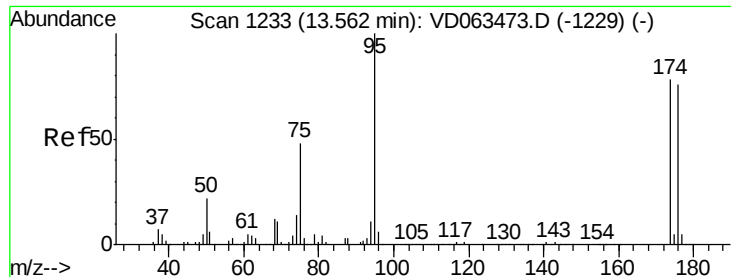
100 66.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 49.645 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. -0.02 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(0)RE

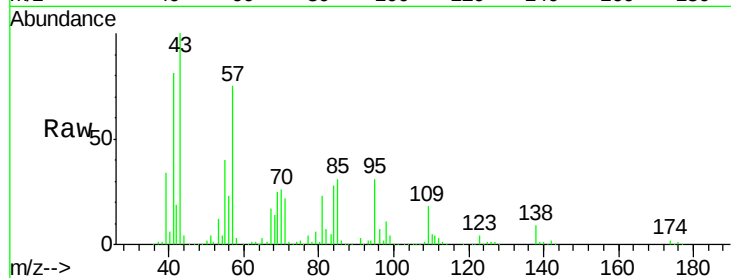
Tot Ion: 95 Resp: 405156

Ion Ratio Lower Upper

95 100

174 5.6 0.0 155.4

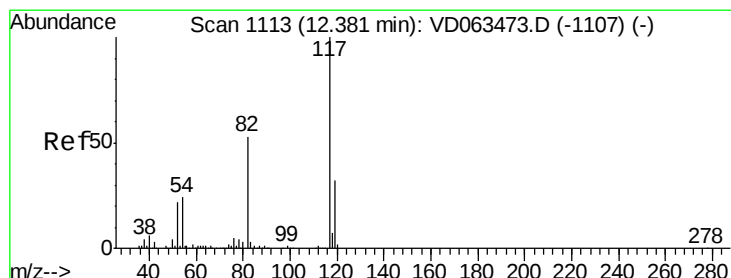
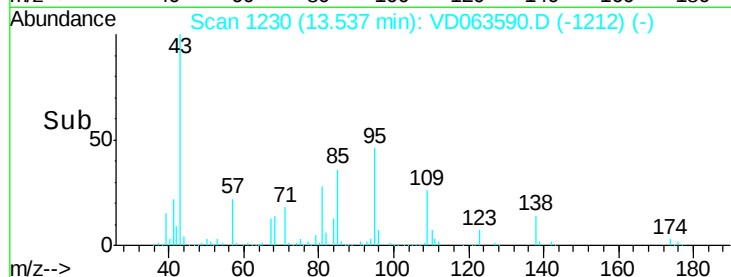
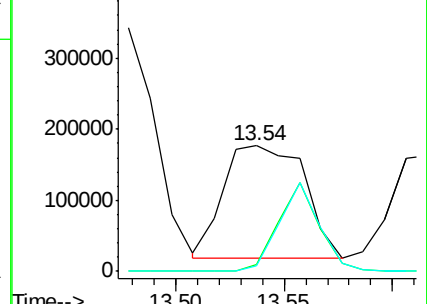
176 4.7 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

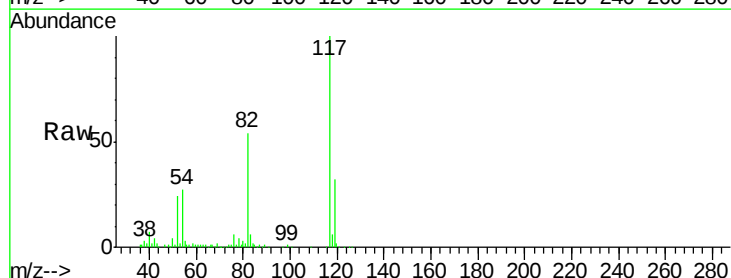
Tgt Ion: 117 Resp: 568507

Ion Ratio Lower Upper

117 100

82 54.0 42.0 63.0

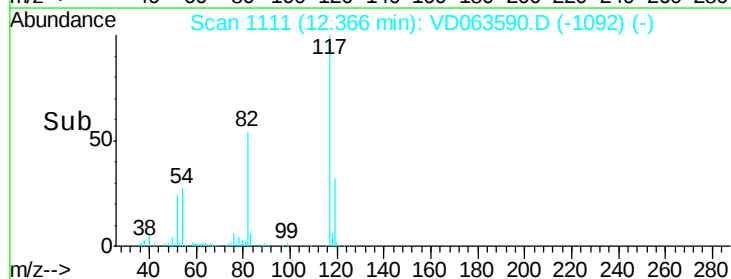
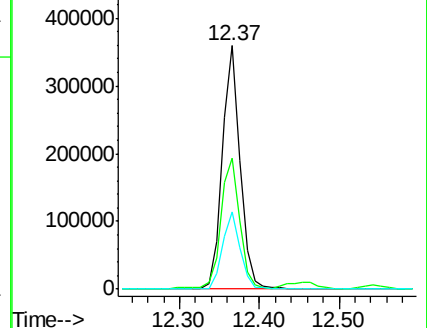
119 31.6 25.4 38.0

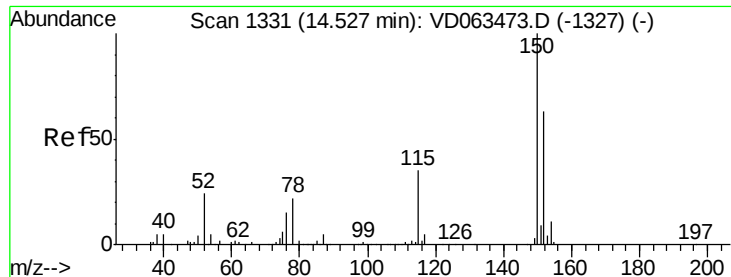


Abundance Ion 116.95 (116.65 to 117.65): VD063473.D (-1107) (-)

Ion 82.05 (81.75 to 82.75): VD063473.D (-1107) (-)

Ion 118.95 (118.65 to 119.65): VD063473.D (-1107) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063590.D

Acq: 14 Aug 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(0)RE

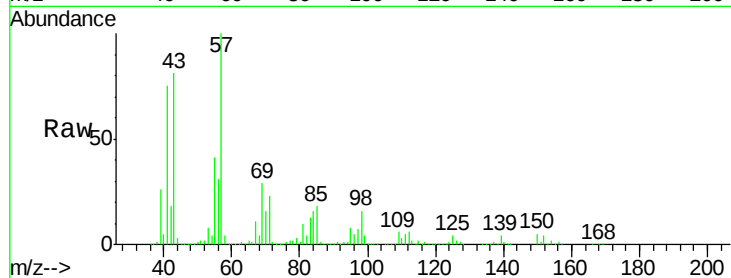
Tot Ion:152 Resp: 232982

Ion Ratio Lower Upper

152 100

115 55.0 30.9 92.7

150 125.9 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

