

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063618.D
 Acq On : 15 Aug 2019 21:00
 Operator : JC/SY
 Sample : K4340-01RE
 Misc : 5.27g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LS-SAMPLE-1RE

Quant Time: Aug 16 01:26:52 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

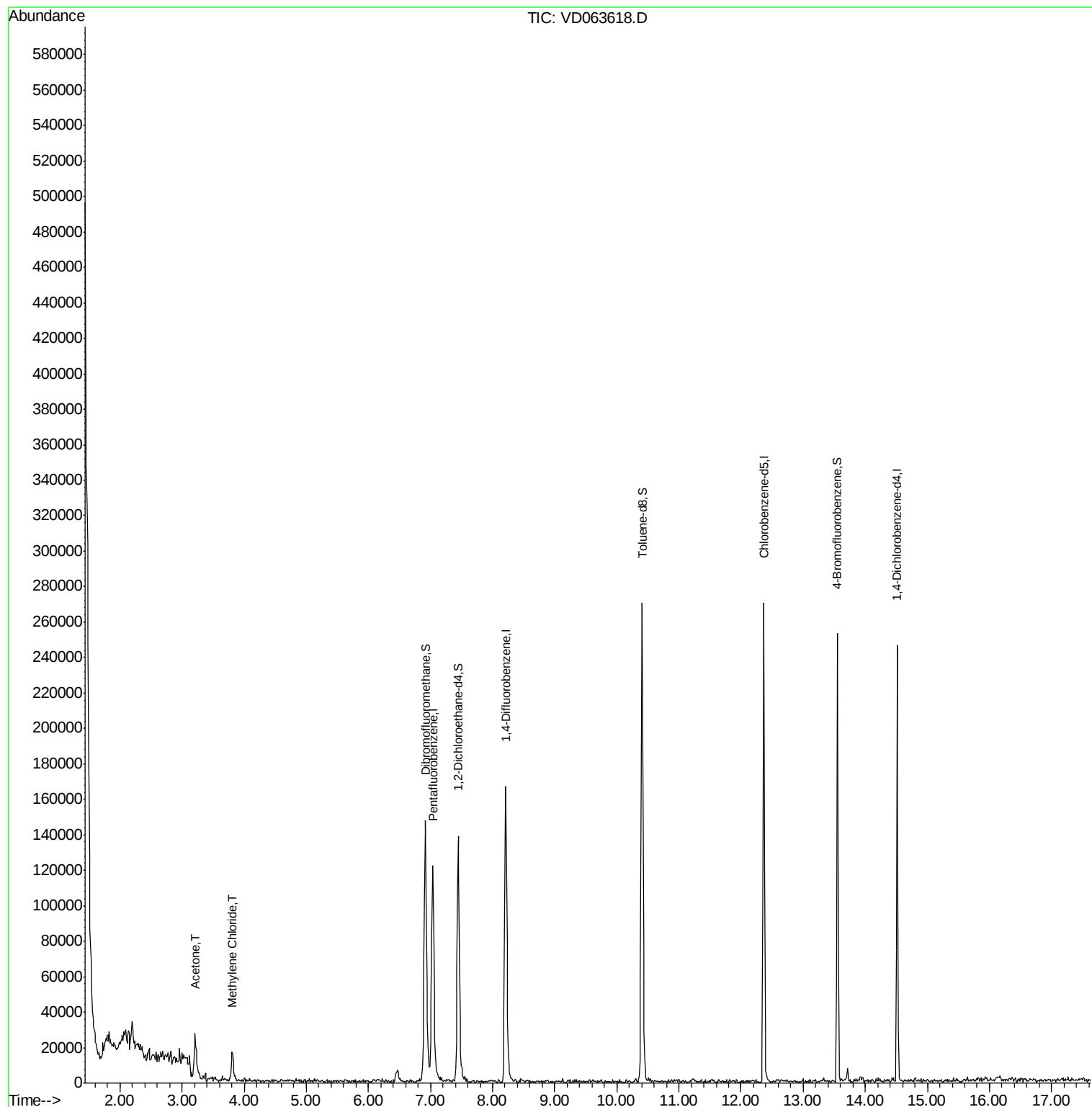
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	122314	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	188364	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	150835	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	51155	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	150113	114.81	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	229.62%	
35) Dibromofluoromethane	6.92	113	127858	80.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	161.20%	
50) Toluene-d8	10.41	98	227440	65.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	130.42%	
62) 4-Bromofluorobenzene	13.55	95	73783	46.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.34%	
Target Compounds						
16) Acetone	3.21	43	46875	176.369	ug/l	99
20) Methylene Chloride	3.80	84	8497	7.393	ug/l #	85

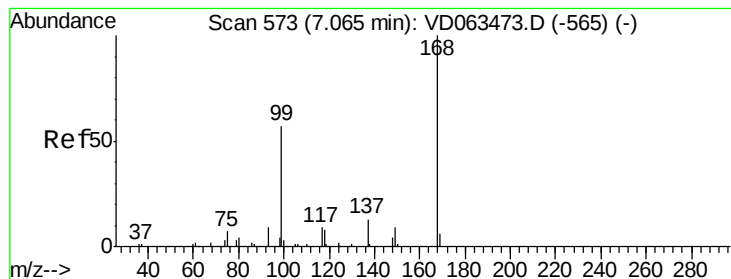
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.02 min

Lab File: VD063618.D

Acq: 15 Aug 2019 21:00

Instrument :

MSVOA_D

ClientSampleId :

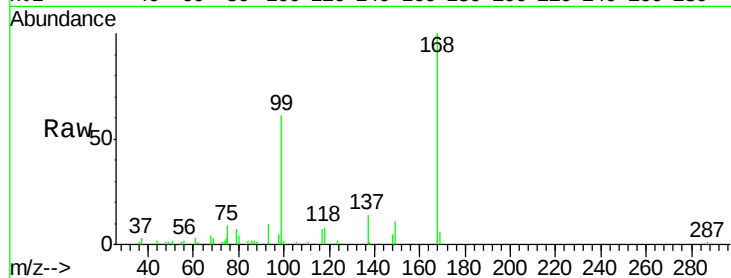
LS-SAMPLE-1RE

Tot Ion:168 Resp: 122314

Ion Ratio Lower Upper

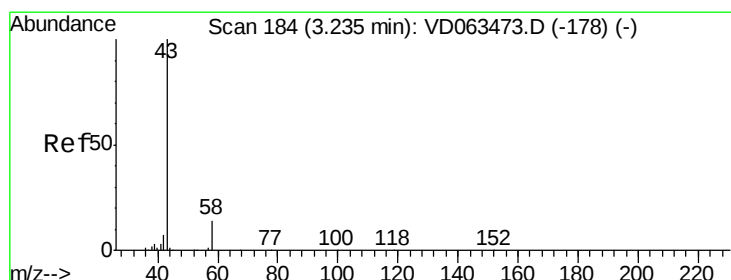
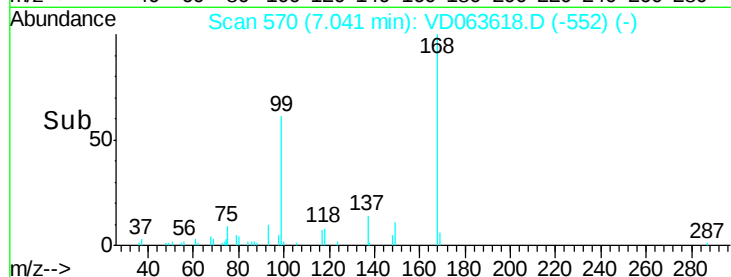
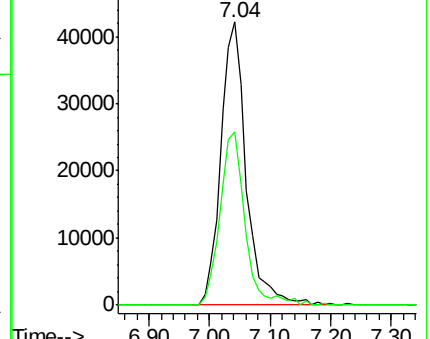
168 100

99 61.4 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: 176.369 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063618.D

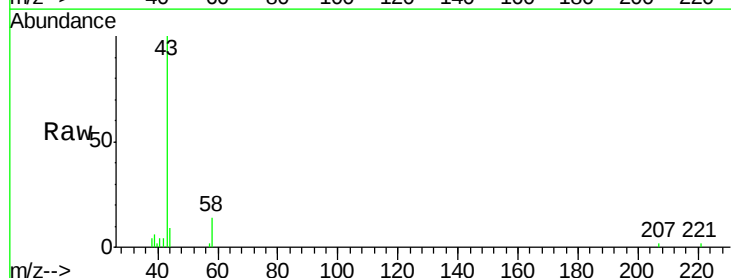
Acq: 15 Aug 2019 21:00

Tgt Ion: 43 Resp: 46875

Ion Ratio Lower Upper

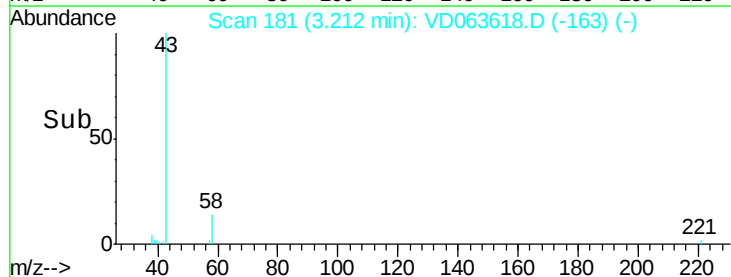
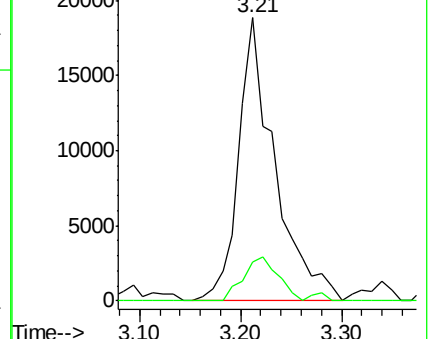
43 100

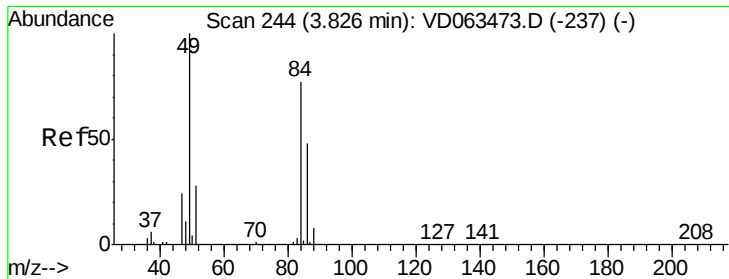
58 13.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

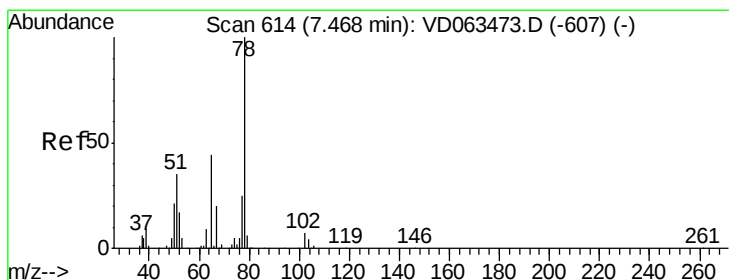
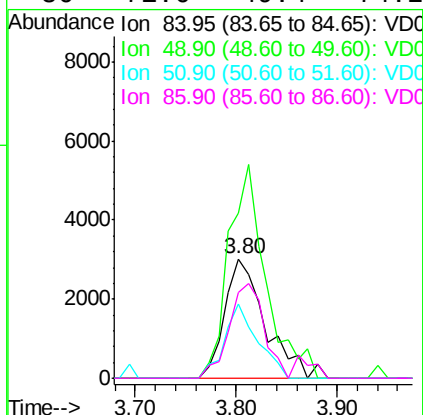
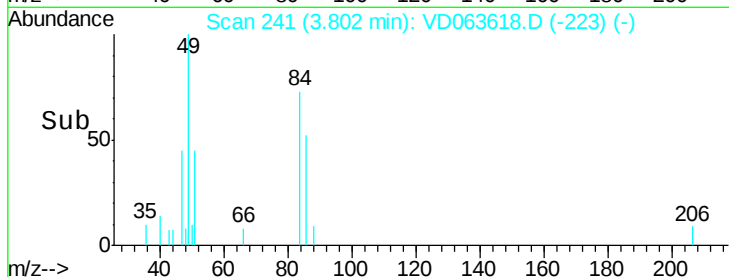
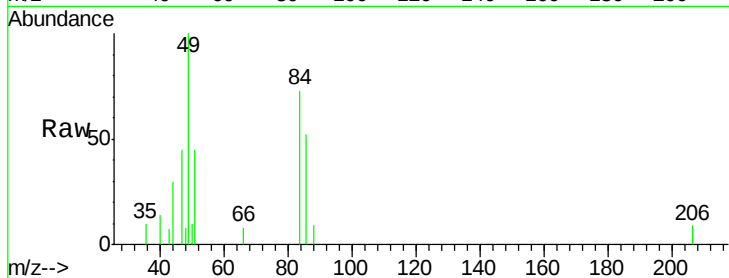




#20
Methylene Chloride
Concen: 7.393 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

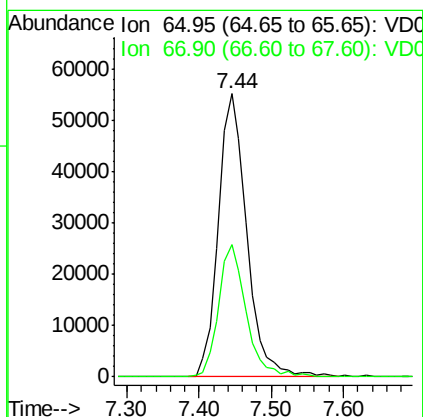
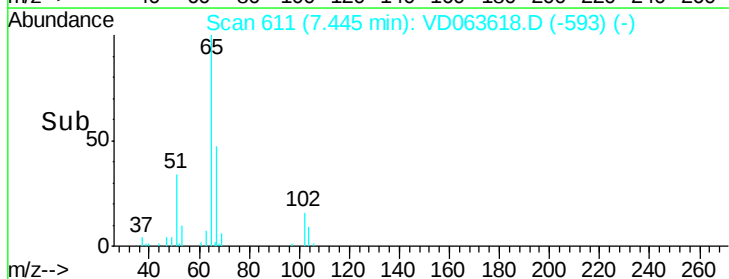
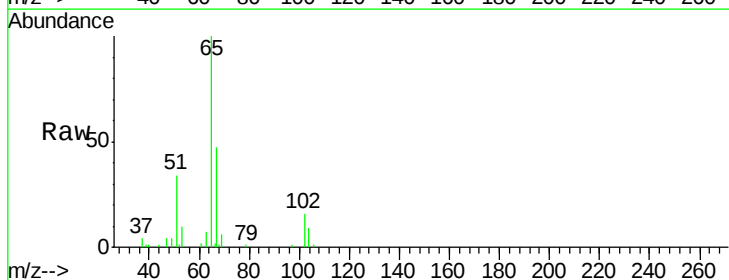
Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

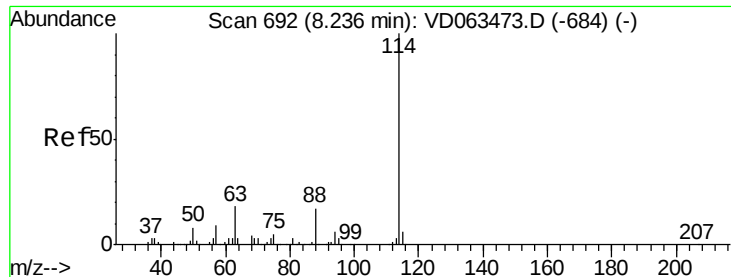
Tot Ion: 84 Resp: 8497
Ion Ratio Lower Upper
84 100
49 137.7 103.4 155.2
51 62.3 28.5 42.7#
86 71.6 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 114.814 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 65 Resp: 150113
Ion Ratio Lower Upper
65 100
67 46.8 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063618.D

Acq: 15 Aug 2019 21:00

Instrument :

MSVOA_D

ClientSampleId :

LS-SAMPLE-1RE

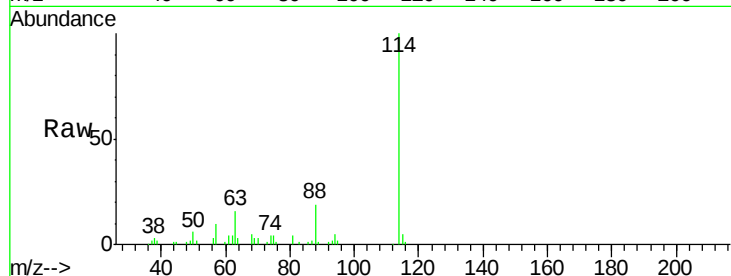
Tot Ion:114 Resp: 188364

Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.2

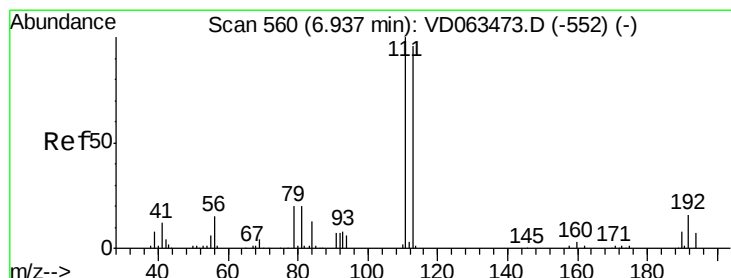
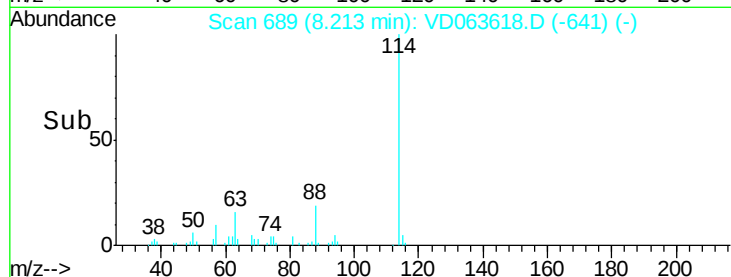
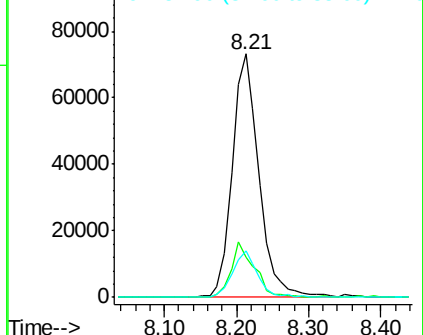
88 19.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 80.596 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063618.D

Acq: 15 Aug 2019 21:00

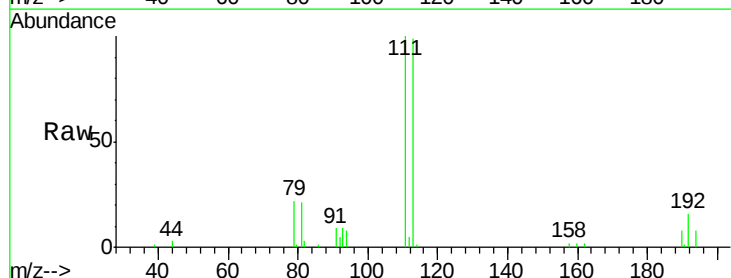
Tgt Ion:113 Resp: 127858

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

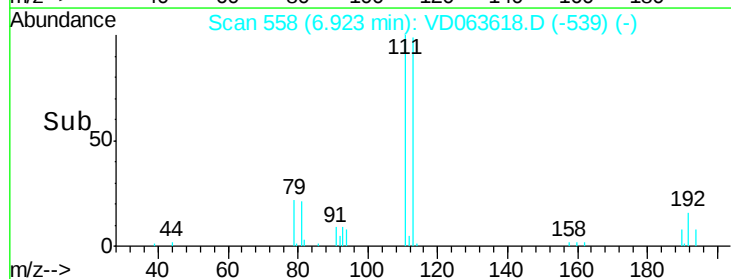
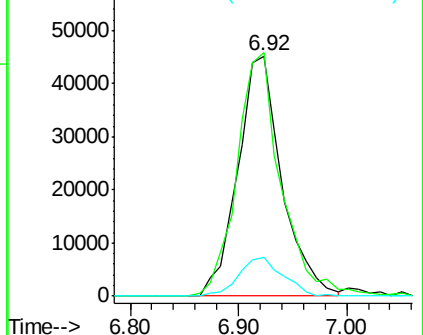
192 16.3 13.1 19.7

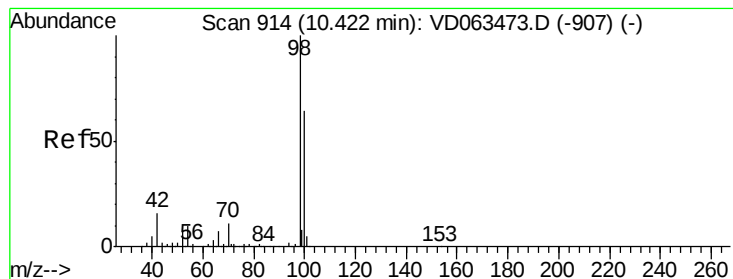


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 65.210 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063618.D

Acq: 15 Aug 2019 21:00

Instrument :

MSVOA_D

ClientSampleId :

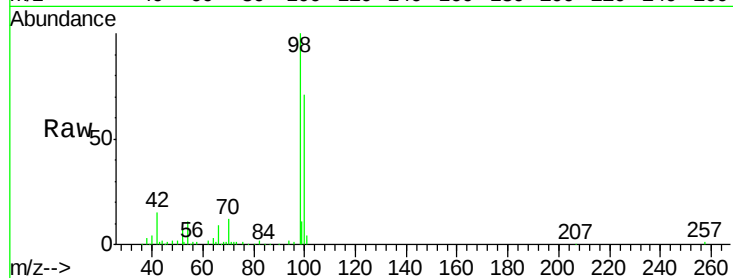
LS-SAMPLE-1RE

Tot Ion: 98 Resp: 227440

Ion Ratio Lower Upper

98 100

100 71.4 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

100000

80000

60000

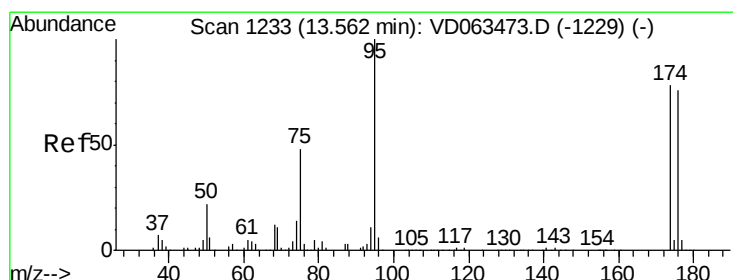
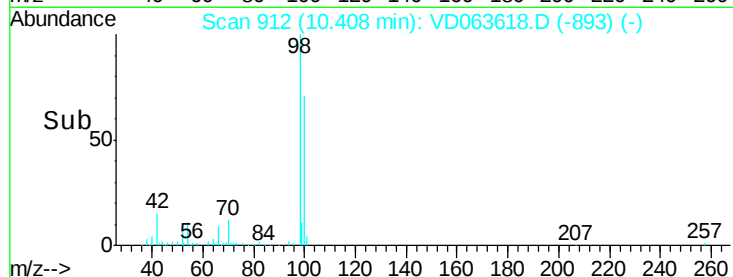
40000

20000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 46.674 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063618.D

Acq: 15 Aug 2019 21:00

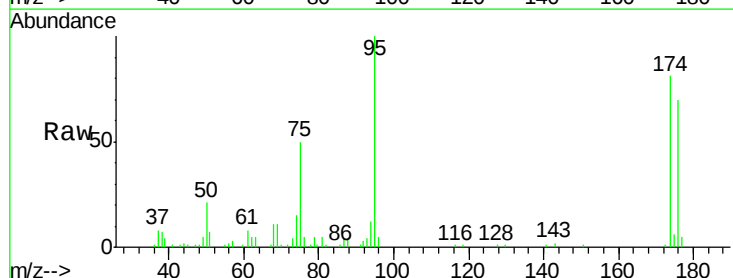
Tgt Ion: 95 Resp: 73783

Ion Ratio Lower Upper

95 100

174 81.0 0.0 155.4

176 69.6 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) (-)

13.55

60000

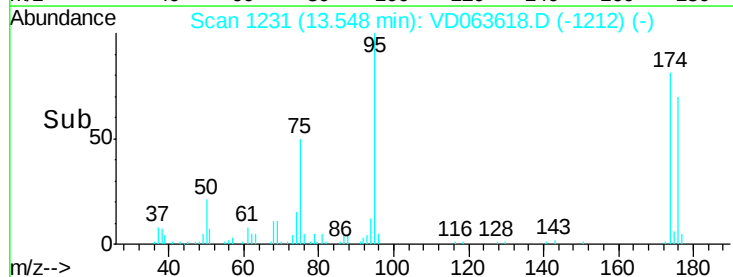
40000

20000

0

13.50 13.55 13.60

Time-->

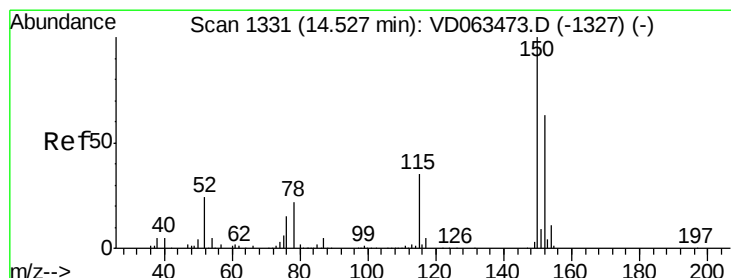
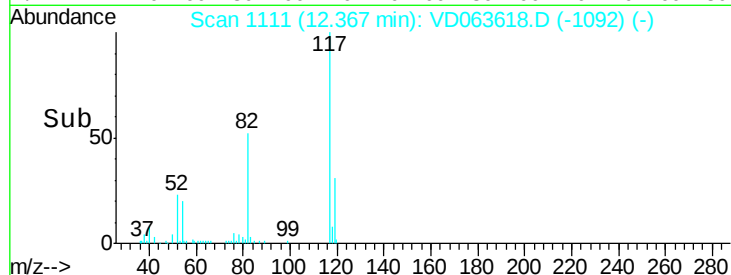
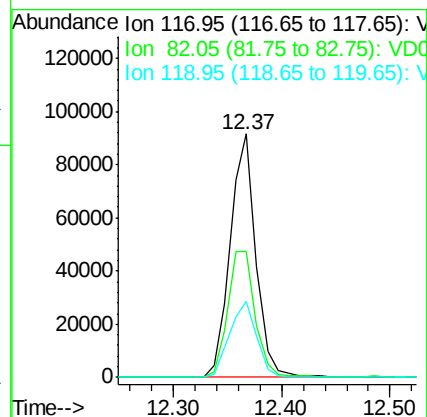
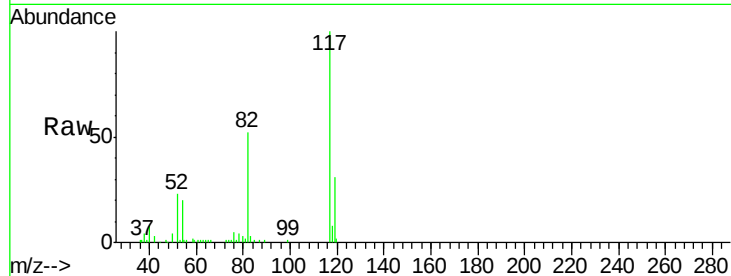




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tot Ion:117 Resp: 150835
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion:152 Resp: 51155
Ion Ratio Lower Upper
152 100
115 55.4 30.9 92.7
150 167.0 0.0 318.6

