

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063765.D
 Acq On : 23 Aug 2019 14:44
 Operator : JC/SY
 Sample : K4477-12
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2(3-4)

Quant Time: Aug 26 01:33:53 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

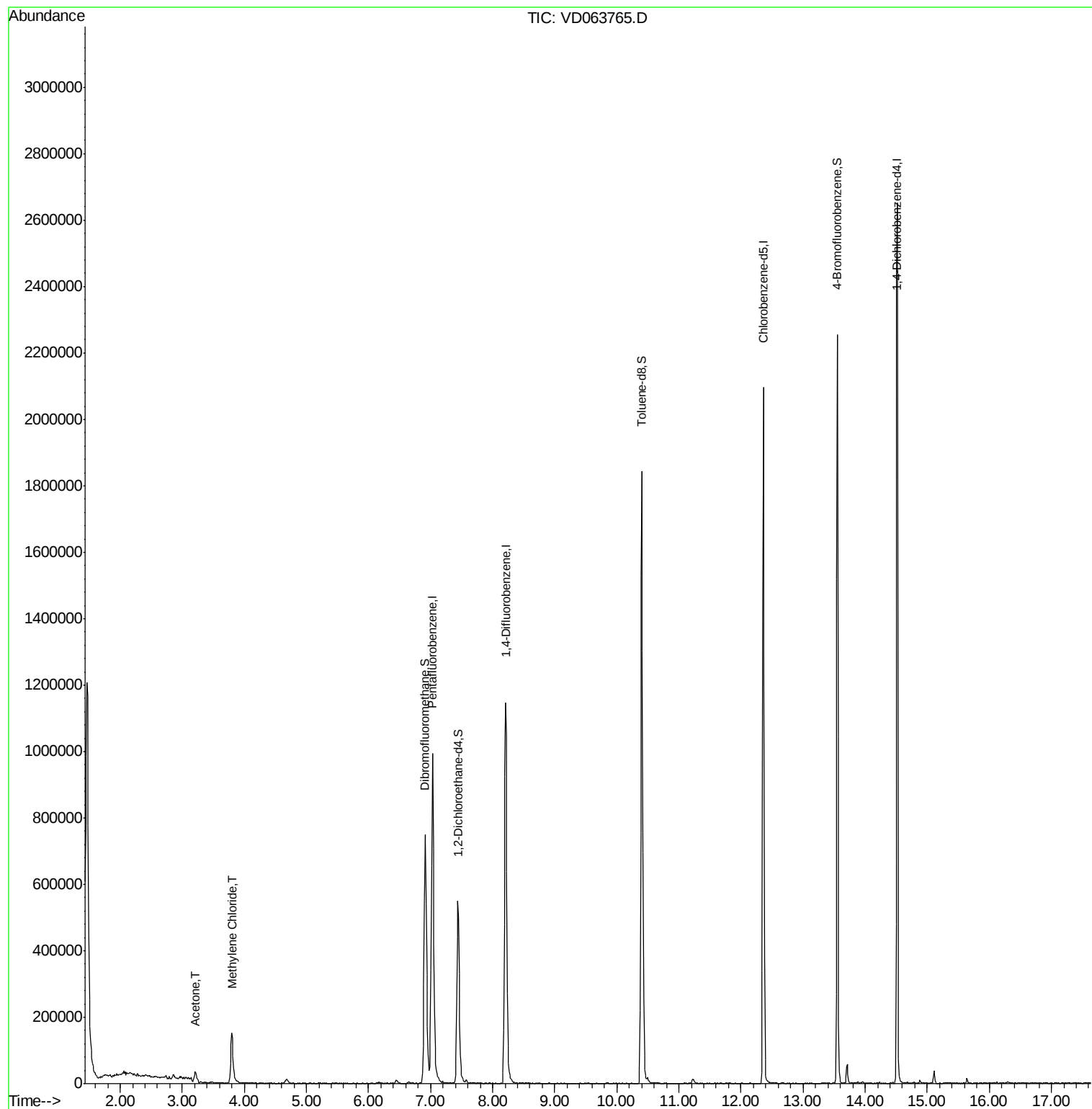
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	952539	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1275829	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1108453	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	631077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	642430	63.10	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	126.20%	
35) Dibromofluoromethane	6.91	113	686249	63.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	127.74%	
50) Toluene-d8	10.40	98	1467076	62.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.20%	
62) 4-Bromofluorobenzene	13.55	95	621454	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
Target Compounds						
16) Acetone	3.21	43	60380	29.172	ug/l	96
20) Methylene Chloride	3.80	84	91745	10.251	ug/l	88

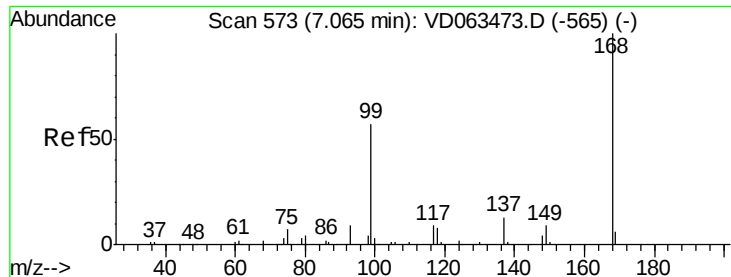
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.03 min

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Acq: 23 Aug 2019 14:44

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MSVOA_D

ClientSampleId :

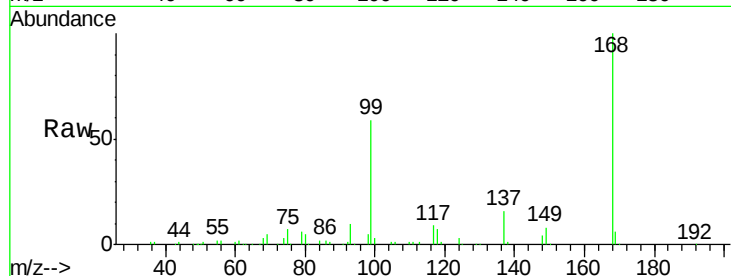
TP-2(3-4)

Tot Ion:168 Resp: 952539

Ion Ratio Lower Upper

168 100

99 59.4 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

400000

300000

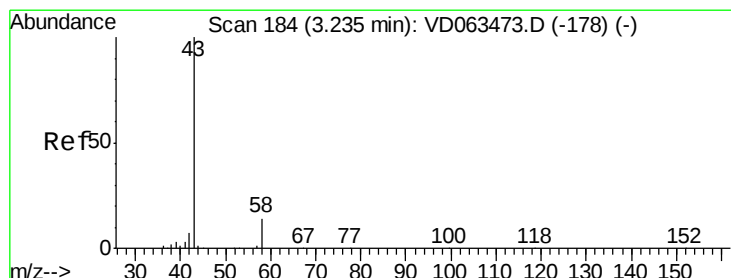
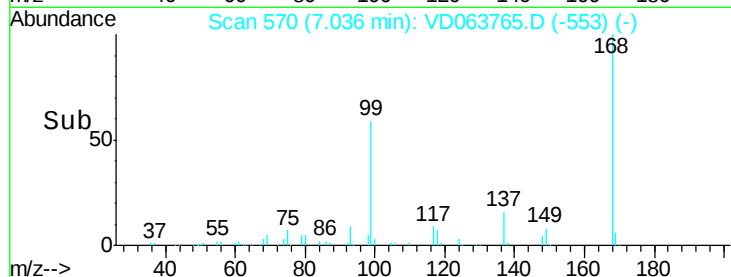
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 29.172 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063765.D

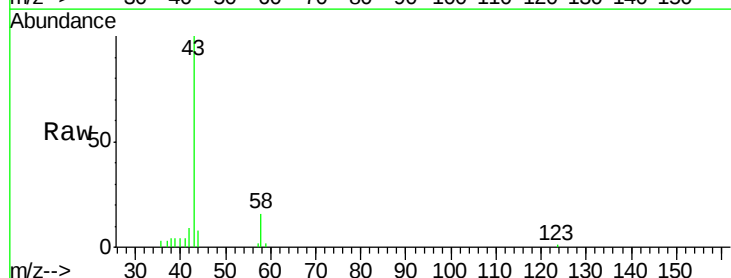
Acq: 23 Aug 2019 14:44

Tgt Ion: 43 Resp: 60380

Ion Ratio Lower Upper

43 100

58 15.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

25000

20000

15000

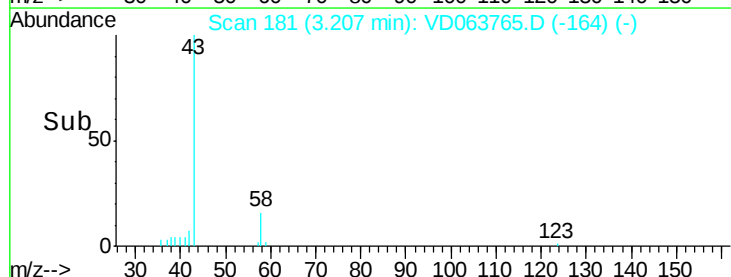
10000

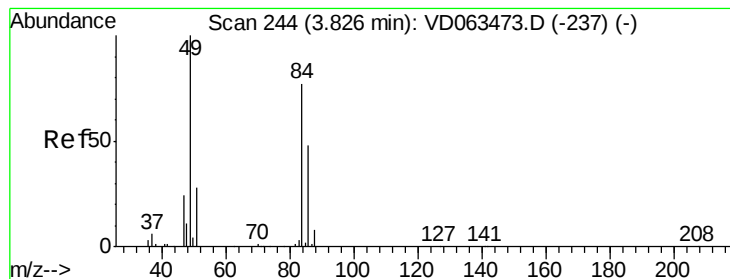
5000

0

3.10 3.15 3.20 3.25 3.30

Time-->





#20

Methylene Chloride

Concen: 10.251 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063765.D

Acq: 23 Aug 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

TP-2(3-4)

Tot Ion: 84 Resp: 91745

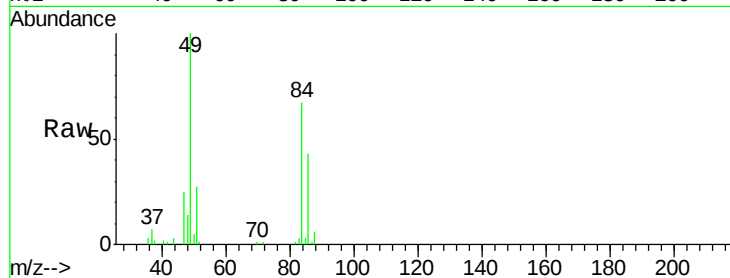
Ion Ratio Lower Upper

84 100

49 148.5 103.4 155.2

51 40.8 28.5 42.7

86 64.3 49.4 74.2

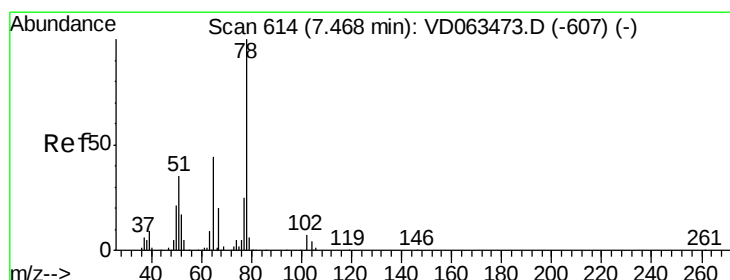
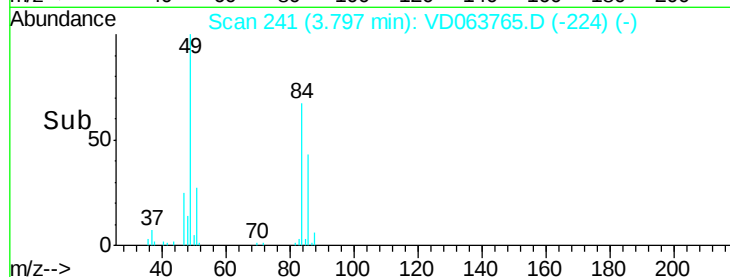
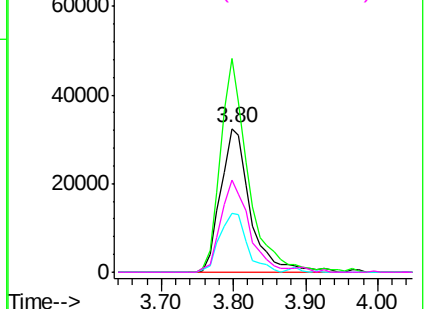


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: 63.095 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063765.D

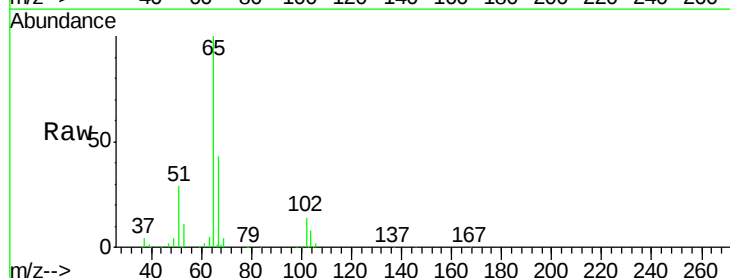
Acq: 23 Aug 2019 14:44

Tgt Ion: 65 Resp: 642430

Ion Ratio Lower Upper

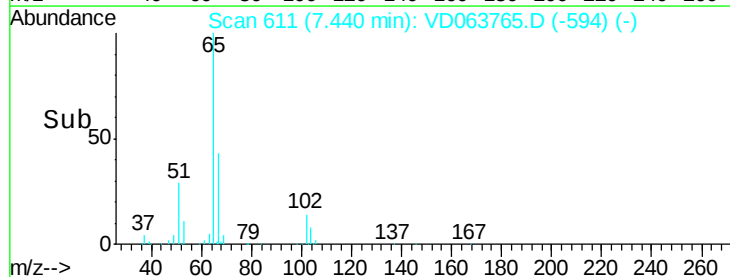
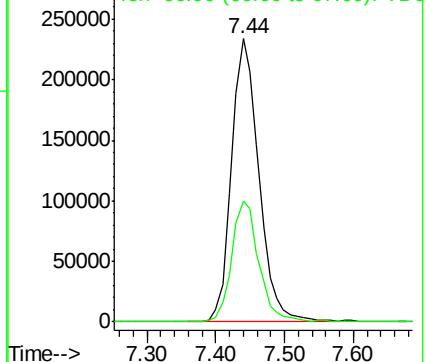
65 100

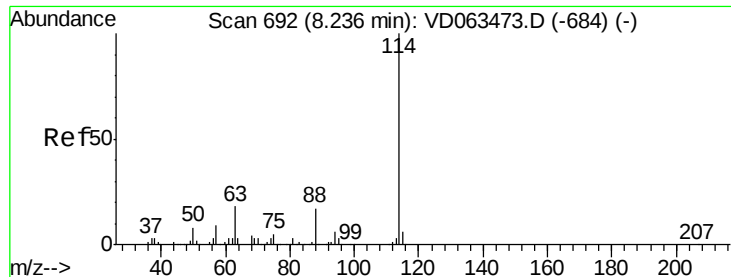
67 42.8 0.0 89.2



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: VD063765.D

Acq: 23 Aug 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

TP-2(3-4)

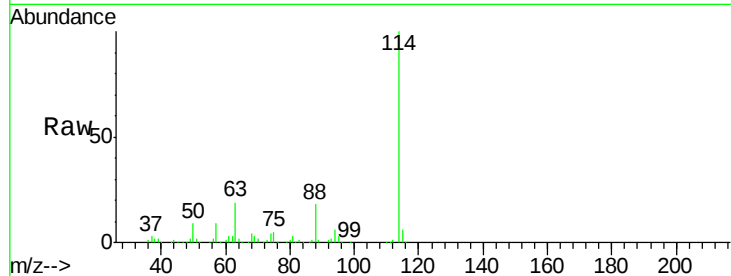
Tot Ion:114 Resp: 1275829

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

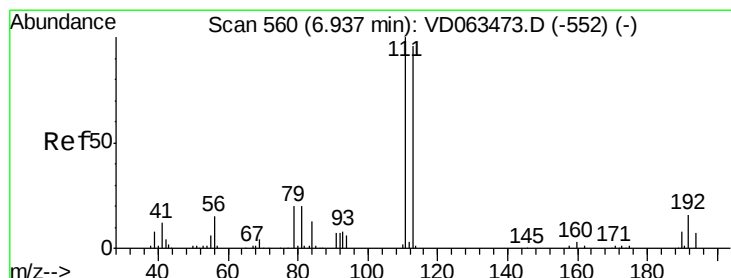
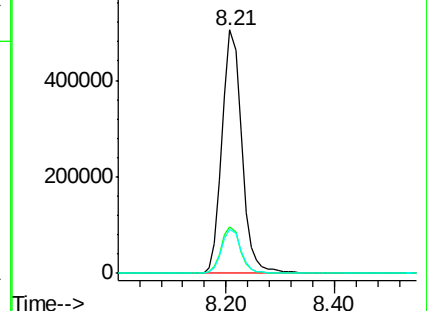
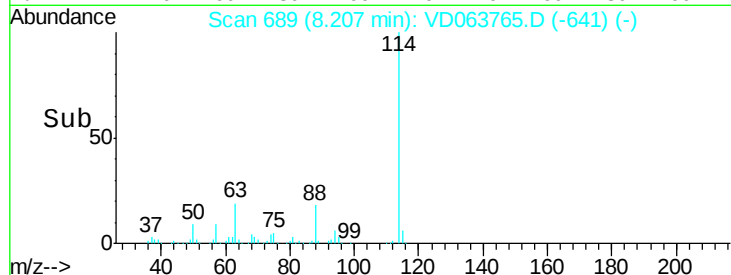
88 17.9 0.0 35.0



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: 63.866 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063765.D

Acq: 23 Aug 2019 14:44

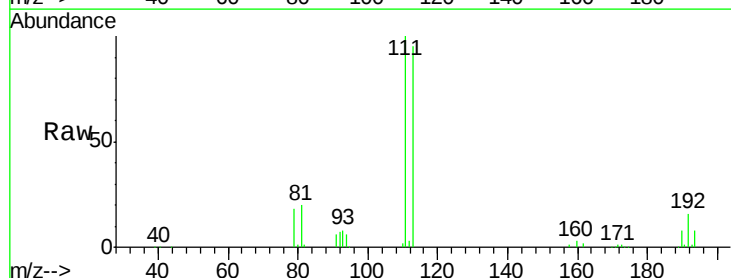
Tgt Ion:113 Resp: 686249

Ion Ratio Lower Upper

113 100

111 105.5 83.1 124.7

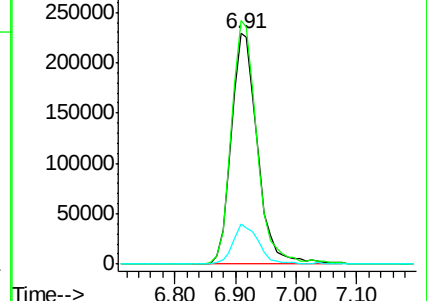
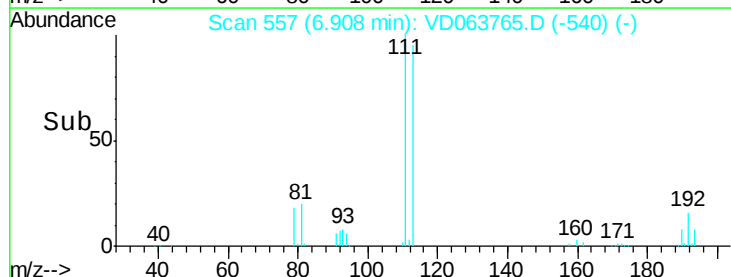
192 17.1 13.1 19.7

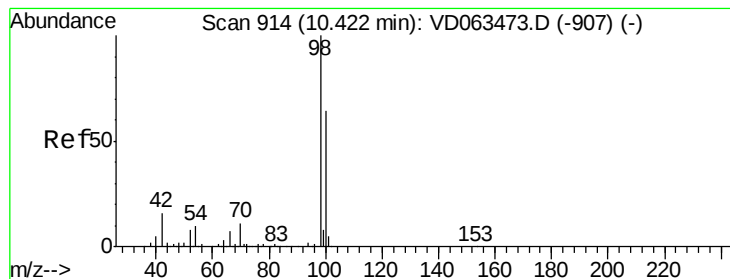


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 62.102 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063765.D

Acq: 23 Aug 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

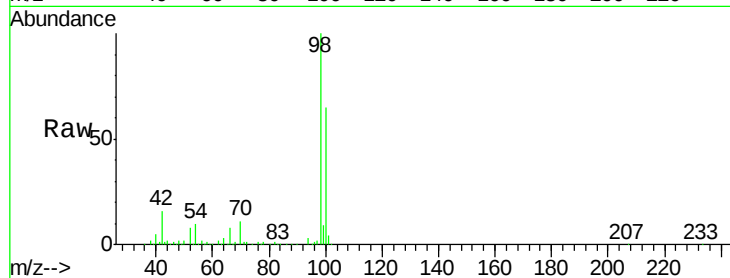
TP-2(3-4)

Tot Ion: 98 Resp: 1467076

Ion Ratio Lower Upper

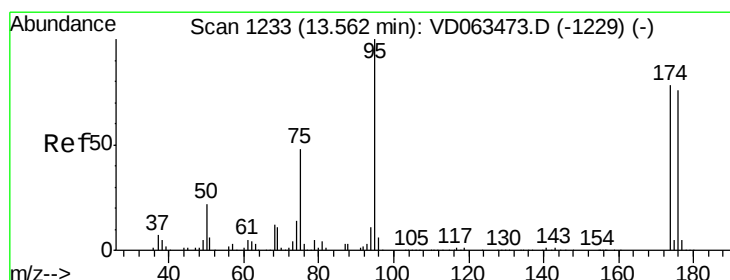
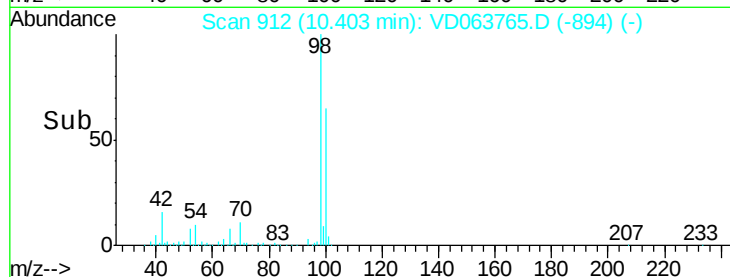
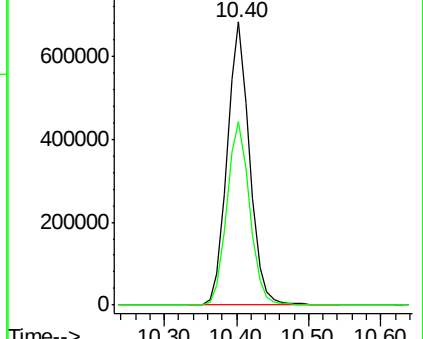
98 100

100 64.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 58.041 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063765.D

Acq: 23 Aug 2019 14:44

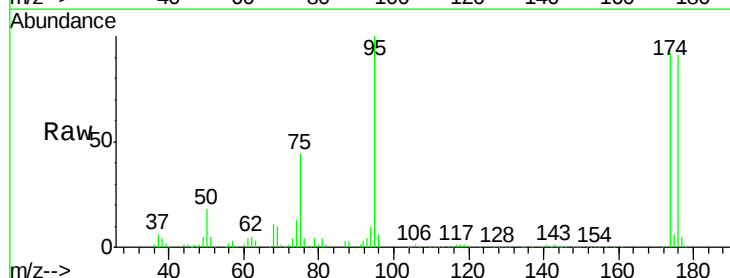
Tgt Ion: 95 Resp: 621454

Ion Ratio Lower Upper

95 100

174 91.5 0.0 155.4

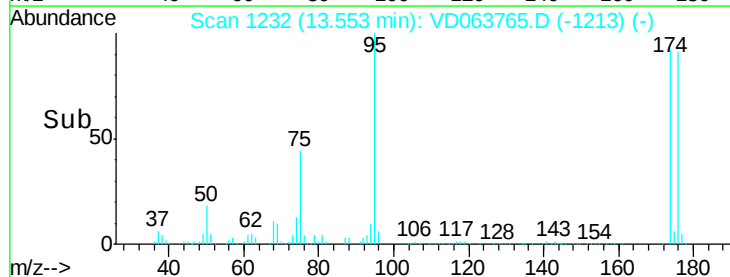
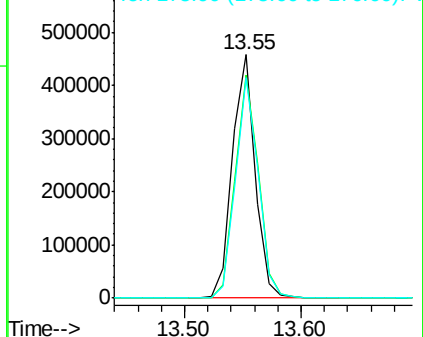
176 90.8 0.0 152.4

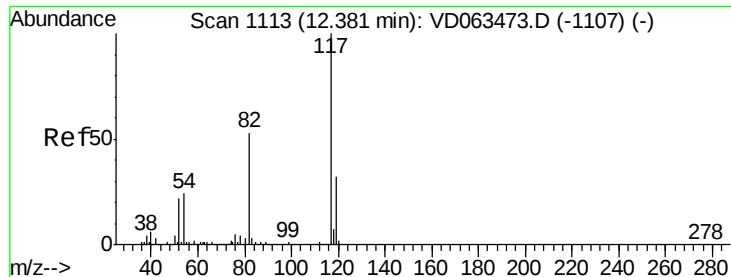


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

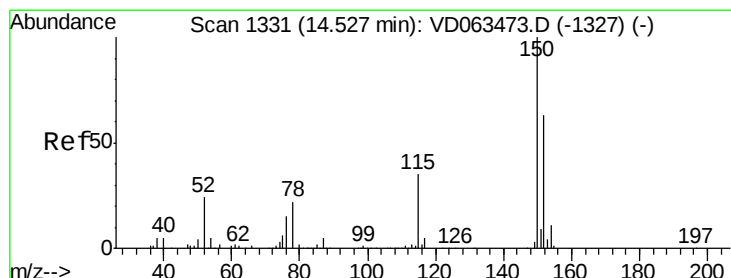
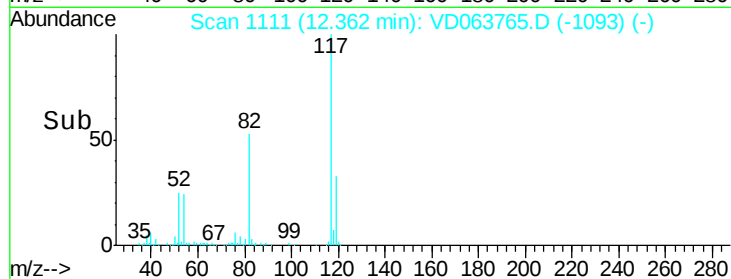
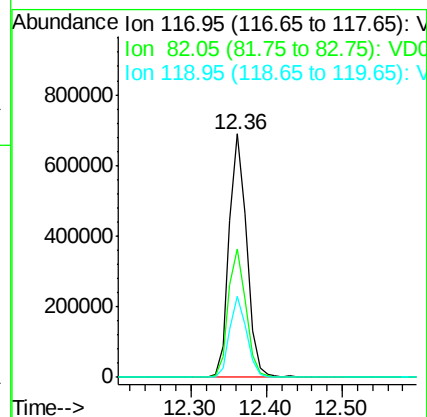
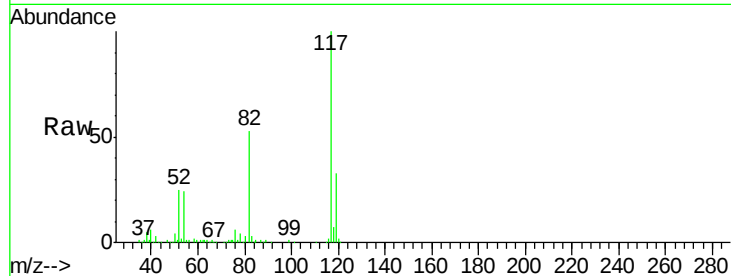




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063765.D
Acq: 23 Aug 2019 14:44

Instrument :
MSVOA_D
ClientSampleId :
TP-2(3-4)

Tot Ion:117 Resp: 1108453
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063765.D
Acq: 23 Aug 2019 14:44

Tgt Ion:152 Resp: 631077
Ion Ratio Lower Upper
152 100
115 53.5 30.9 92.7
150 154.0 0.0 318.6

