

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063702.D
 Acq On : 21 Aug 2019 1:04
 Operator : JC/SY
 Sample : K4388-18
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E2-(0)

Quant Time: Aug 21 05:06:09 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

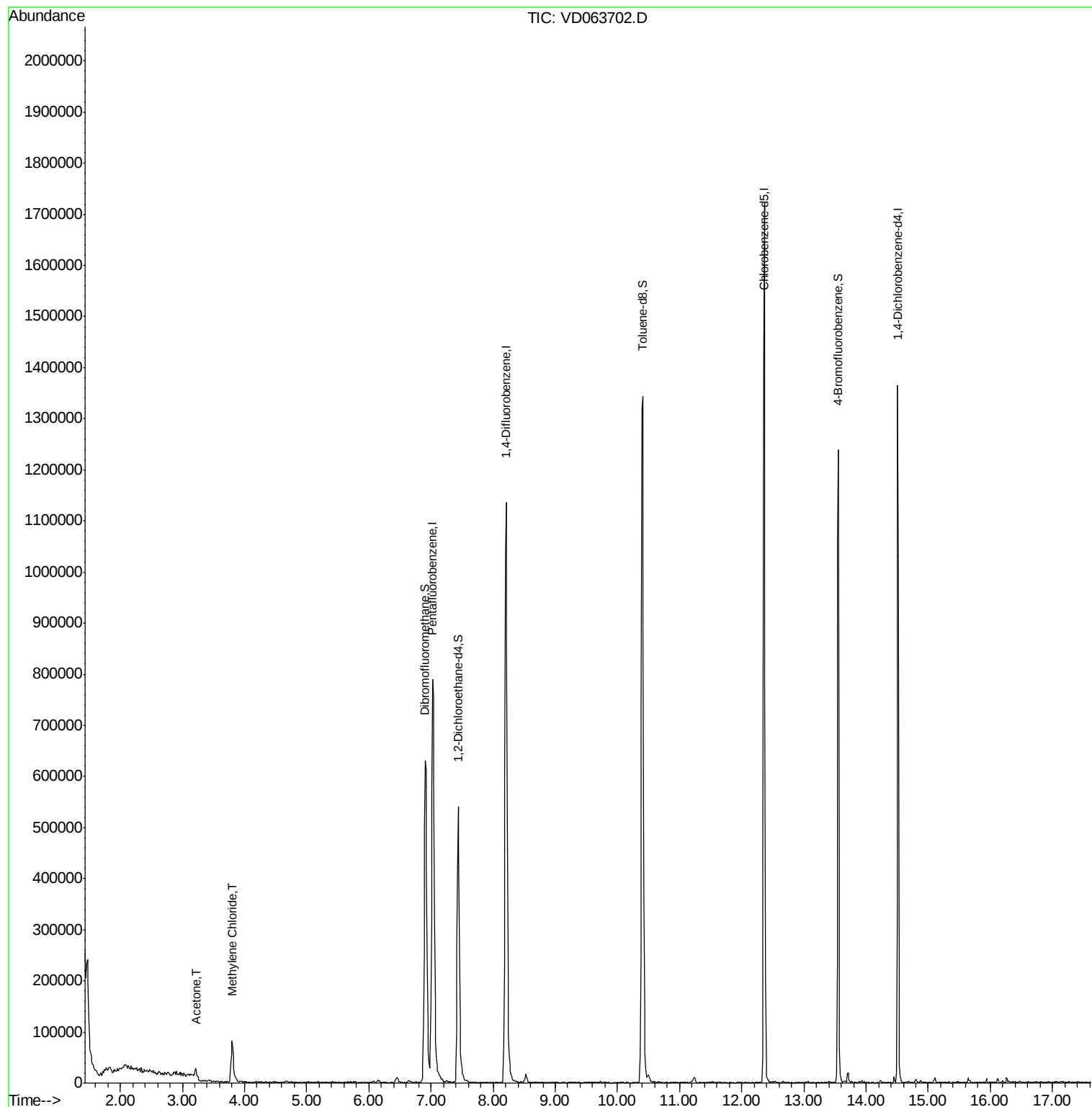
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	772819	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1252091	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	921557	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	287205	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	588583	71.25	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	142.50%	
35) Dibromofluoromethane	6.92	113	559501	53.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	10.40	98	1150724	49.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	13.55	95	356959	33.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.94%	
Target Compounds						
16) Acetone	3.22	43	42723	25.441	ug/l #	88
20) Methylene Chloride	3.80	84	51459	7.087	ug/l #	76

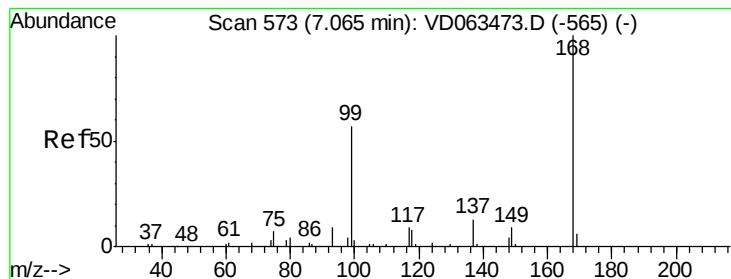
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 569

Delta R.T. -0.04 min

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Acq: 21 Aug 2019 1:04

Instrument :

MSVOA_D

ClientSampleId :

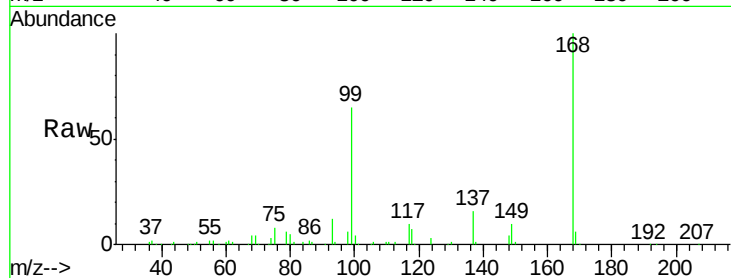
T6-E2-(0)

Tot Ion:168 Resp: 772819

Ion Ratio Lower Upper

168 100

99 65.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

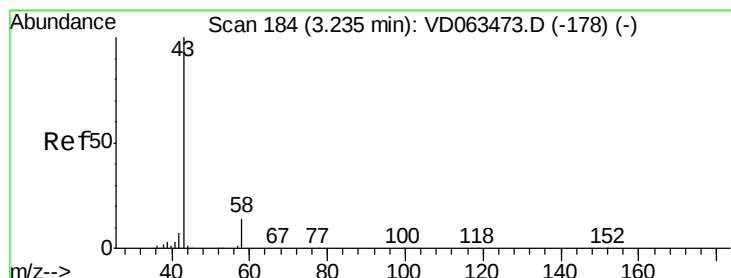
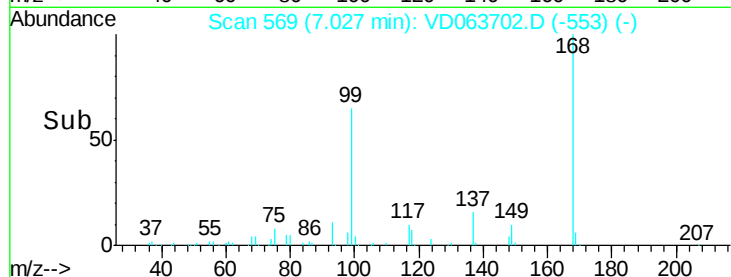
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 25.441 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063702.D

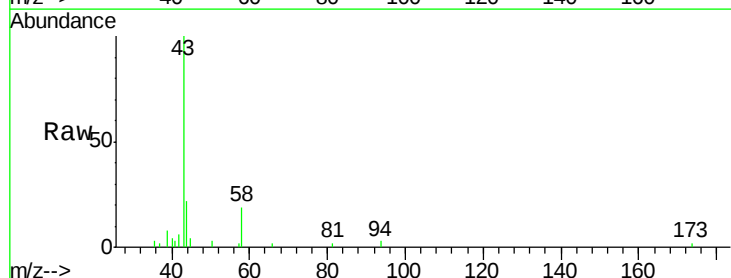
Acq: 21 Aug 2019 1:04

Tgt Ion: 43 Resp: 42723

Ion Ratio Lower Upper

43 100

58 19.3 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

15000

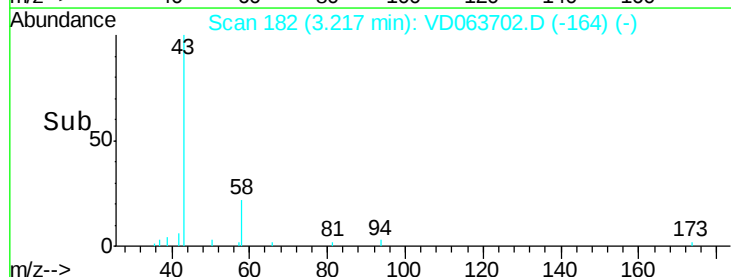
10000

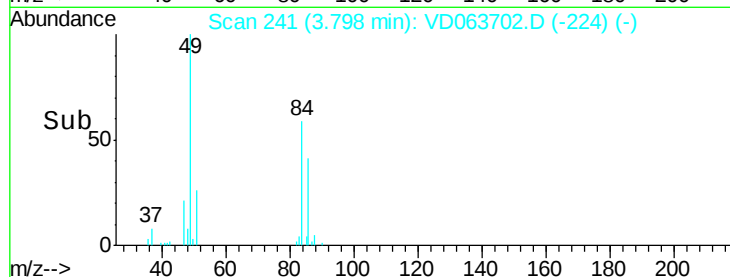
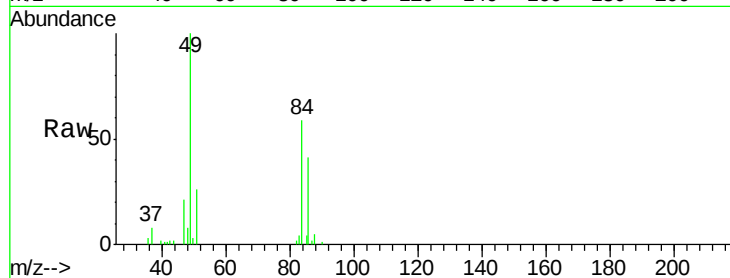
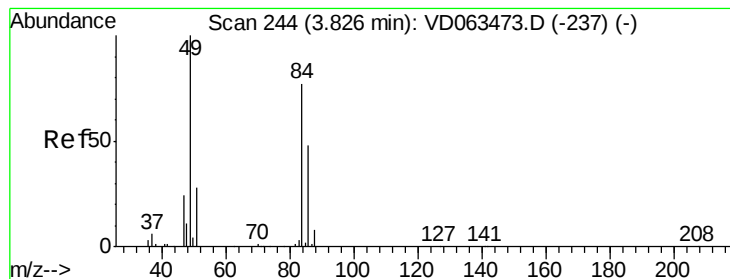
5000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 7.087 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063702.D

Acq: 21 Aug 2019 1:04

Instrument :

MSVOA_D

ClientSampleId :

T6-E2-(0)

Tot Ion: 84 Resp: 51459

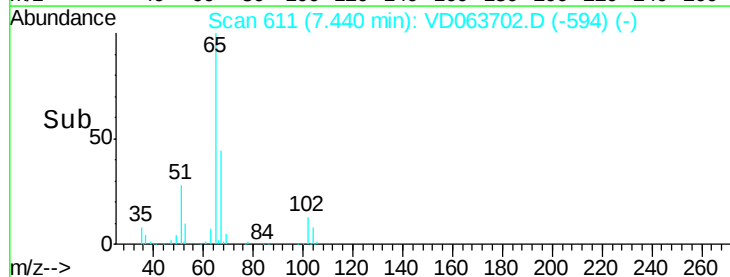
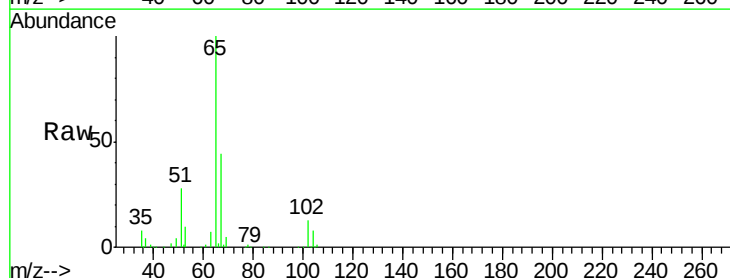
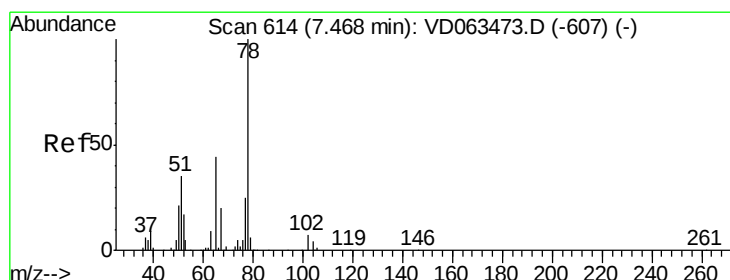
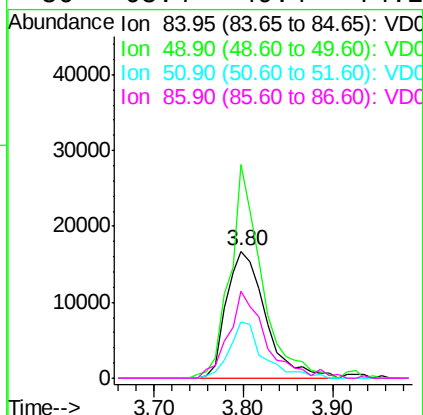
Ion Ratio Lower Upper

84 100

49 168.5 103.4 155.2#

51 44.0 28.5 42.7#

86 68.4 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 71.250 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063702.D

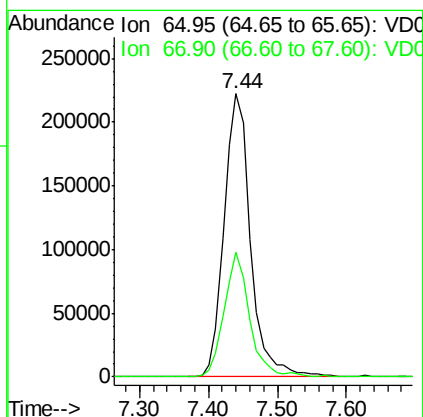
Acq: 21 Aug 2019 1:04

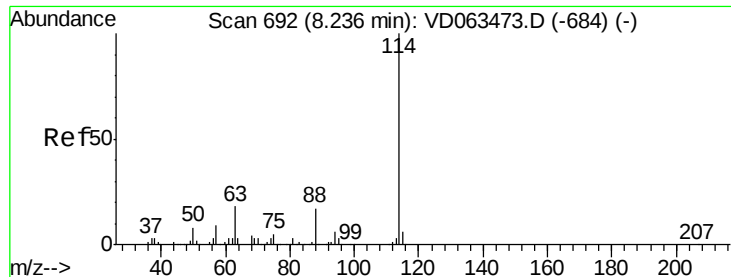
Tgt Ion: 65 Resp: 588583

Ion Ratio Lower Upper

65 100

67 44.0 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063702.D

Acq: 21 Aug 2019 1:04

Instrument :

MSVOA_D

ClientSampleId :

T6-E2-(0)

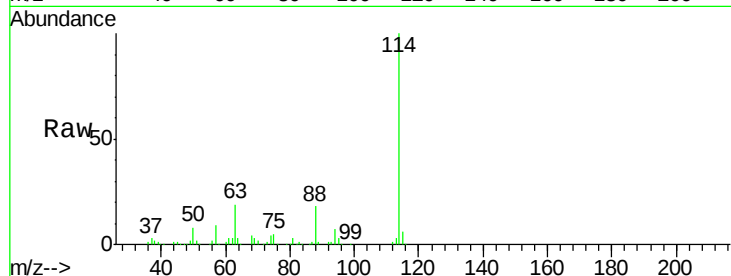
Tot Ion:114 Resp: 1252091

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.2

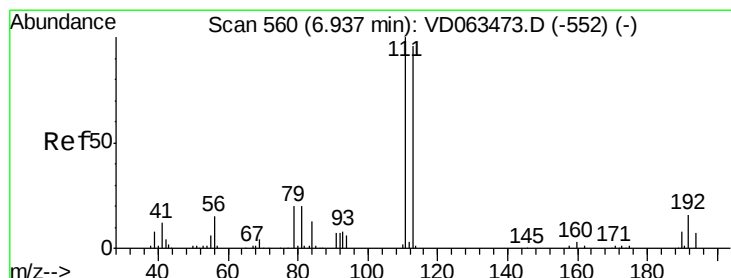
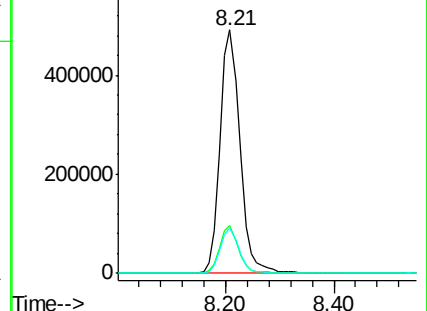
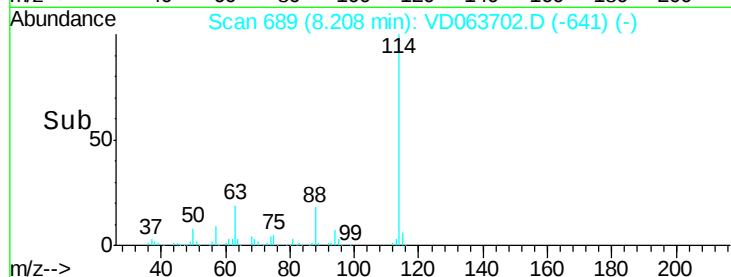
88 18.5 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 53.057 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063702.D

Acq: 21 Aug 2019 1:04

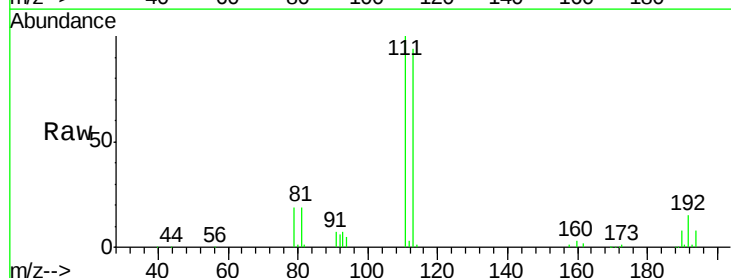
Tgt Ion:113 Resp: 559501

Ion Ratio Lower Upper

113 100

111 106.2 83.1 124.7

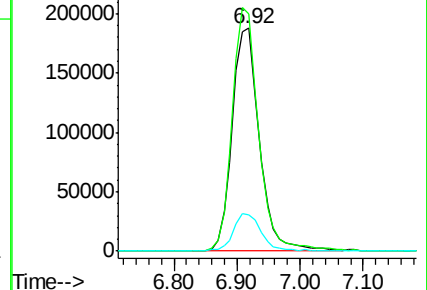
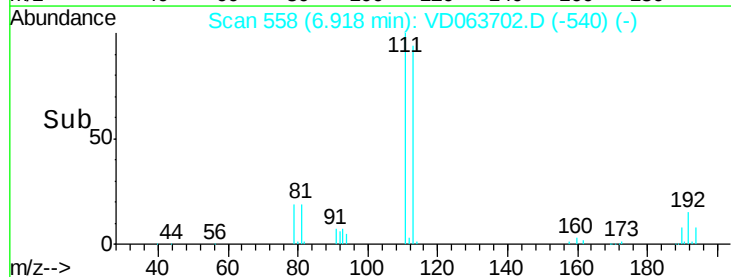
192 16.3 13.1 19.7

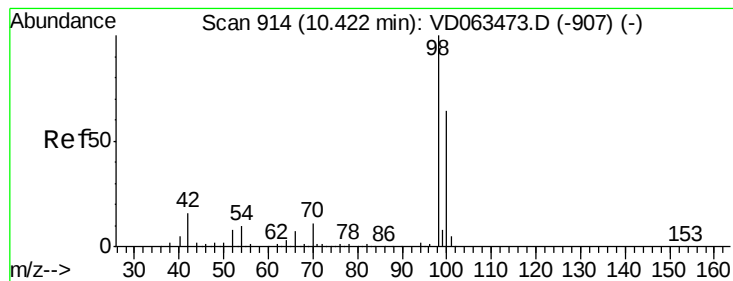


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 49.634 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063702.D

Acq: 21 Aug 2019 1:04

Instrument :

MSVOA_D

ClientSampleId :

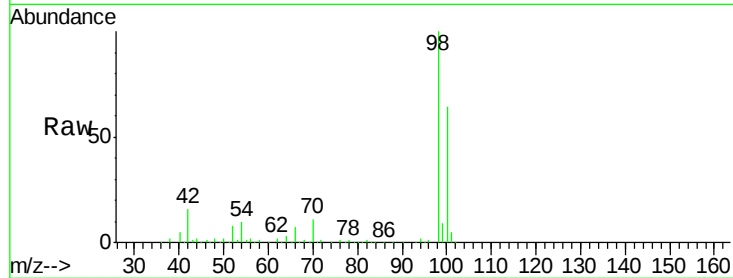
T6-E2-(0)

Tot Ion: 98 Resp: 1150724

Ion Ratio Lower Upper

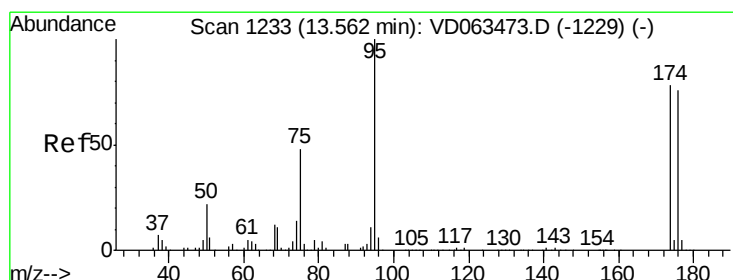
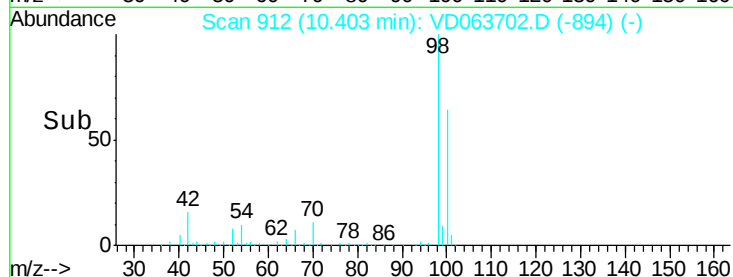
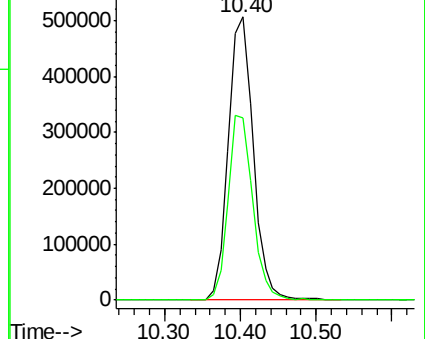
98 100

100 64.3 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: 33.970 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063702.D

Acq: 21 Aug 2019 1:04

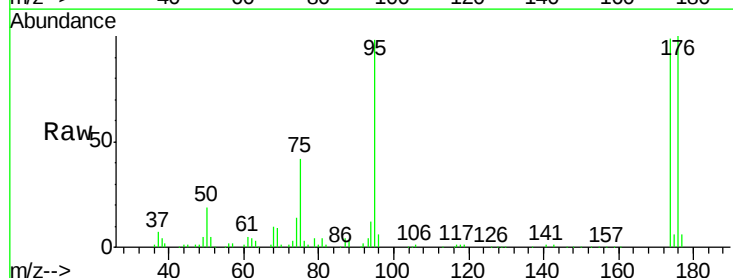
Tgt Ion: 95 Resp: 356959

Ion Ratio Lower Upper

95 100

174 101.0 0.0 155.4

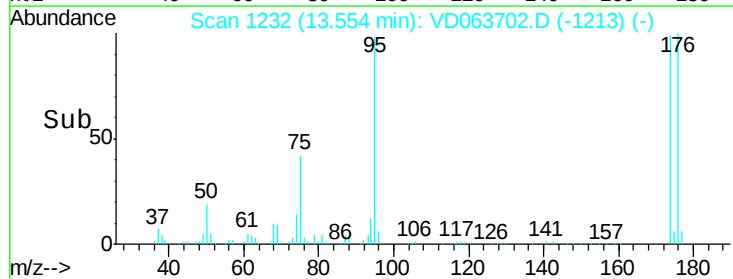
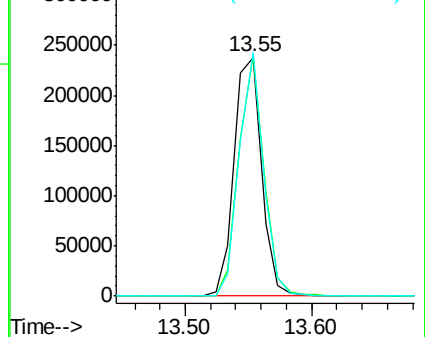
176 102.0 0.0 152.4



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

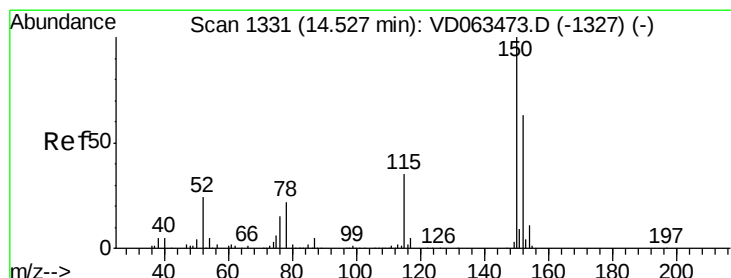
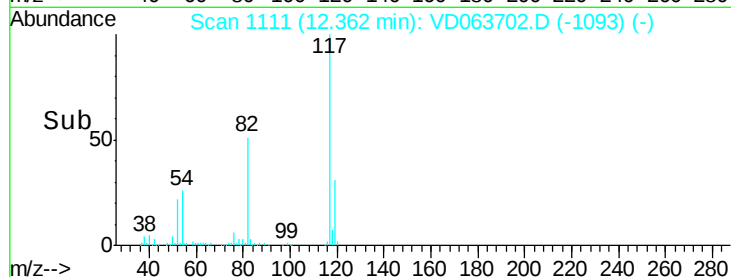
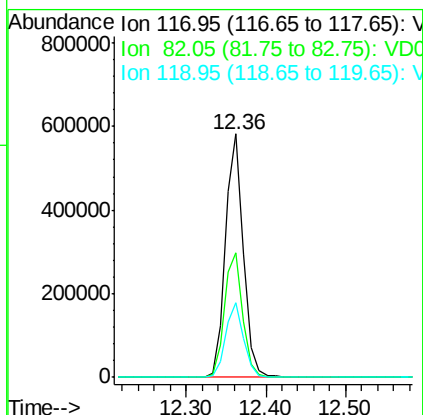
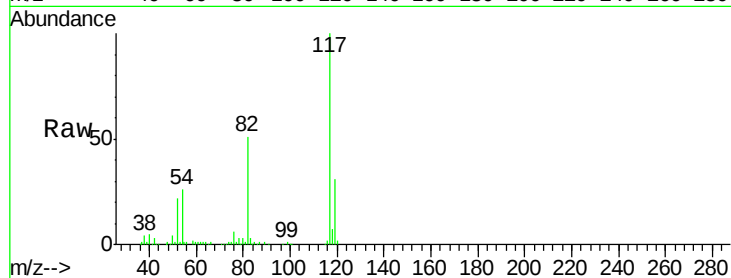




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063702.D
Acq: 21 Aug 2019 1:04

Instrument :
MSVOA_D
ClientSampleId :
T6-E2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.0	63.0
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063702.D
Acq: 21 Aug 2019 1:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.9	30.9	92.7
150	171.2	0.0	318.6

