

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063464.D
 Acq On : 9 Aug 2019 4:46
 Operator : JC/SY
 Sample : K4237-04
 Misc : 5.65g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(13-14)

Quant Time: Aug 09 08:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

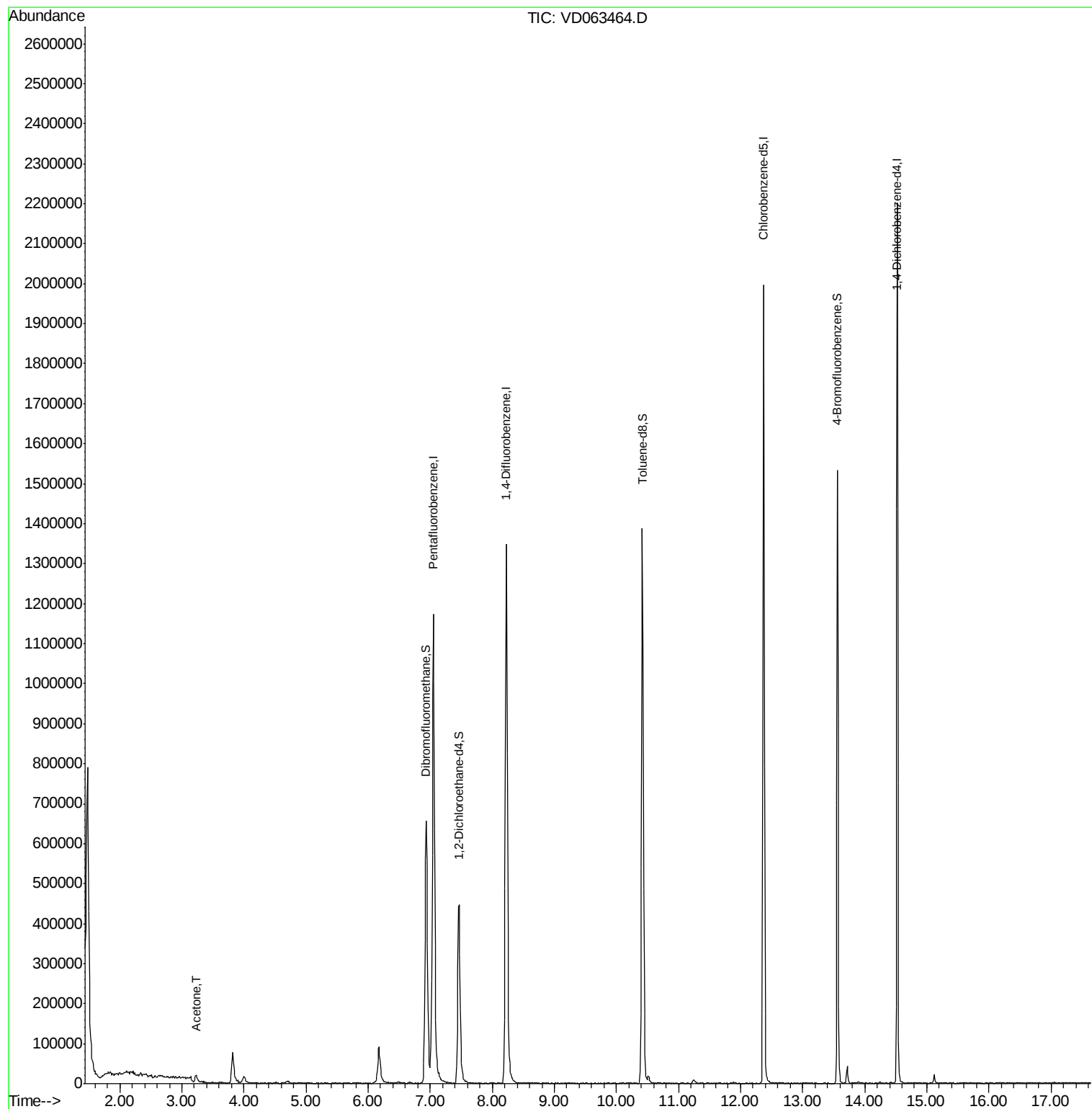
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1104600	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1508763	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1161450	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	461885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	517019	42.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.36%	
35) Dibromofluoromethane	6.93	113	571110	44.34	ug/l	0.03
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	10.42	98	1104909	38.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.66%	
62) 4-Bromofluorobenzene	13.56	95	411404	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
Target Compounds						
16) Acetone	3.22	43	35804	14.993	ug/l #	Qvalue 80

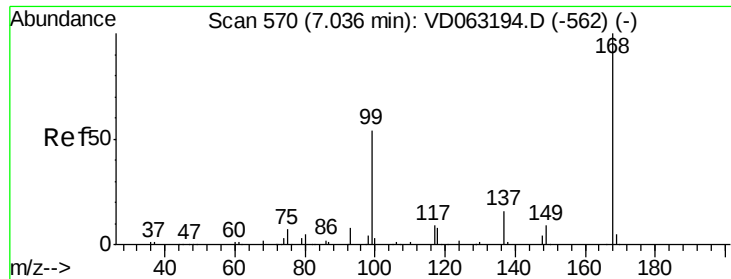
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

Instrument :

MSVOA_D

ClientSampleId :

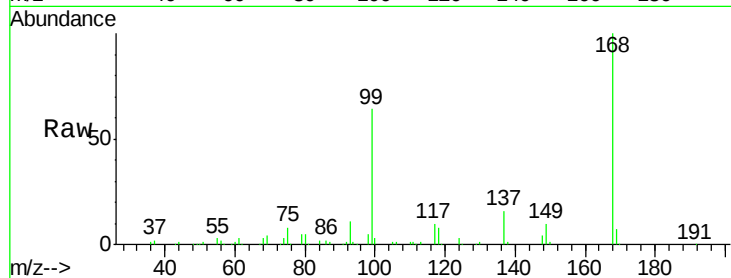
SB-05(13-14)

Tot Ion:168 Resp: 1104600

Ion Ratio Lower Upper

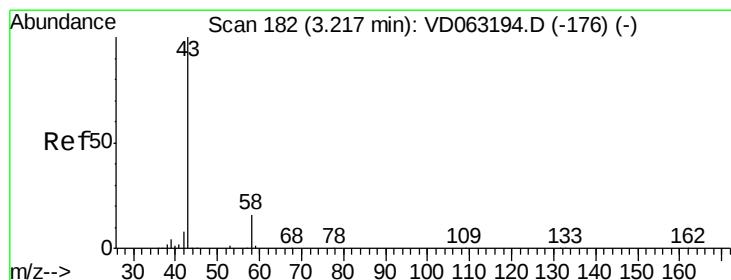
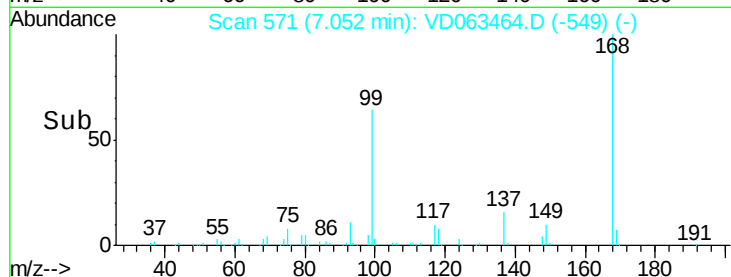
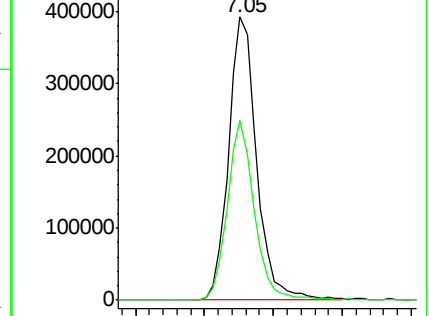
168 100

99 63.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 14.993 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063464.D

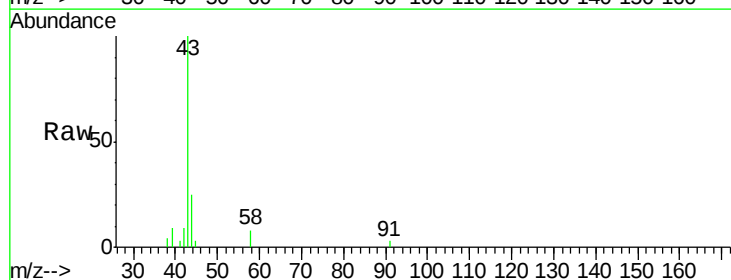
Acq: 9 Aug 2019 4:46

Tgt Ion: 43 Resp: 35804

Ion Ratio Lower Upper

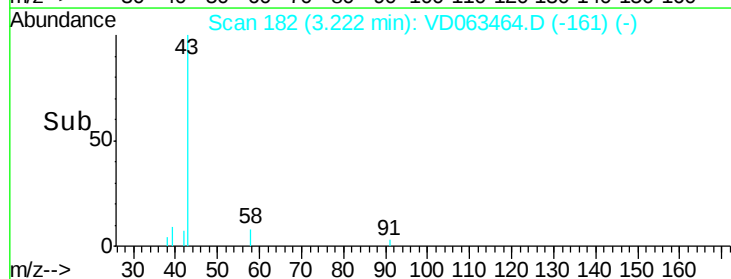
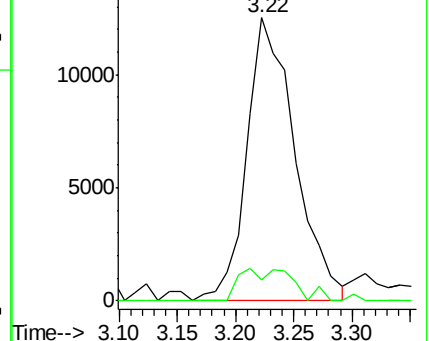
43 100

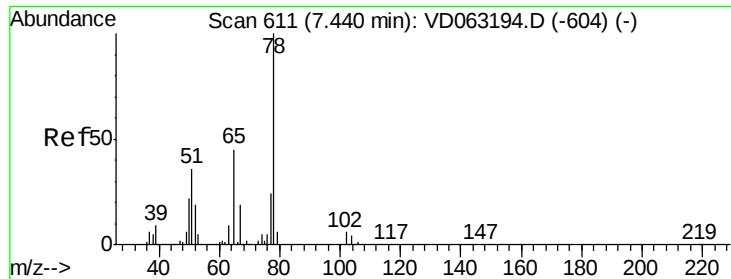
58 7.5 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 42.183 ug/l

RT: 7.47 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

Instrument :

MSVOA_D

ClientSampleId :

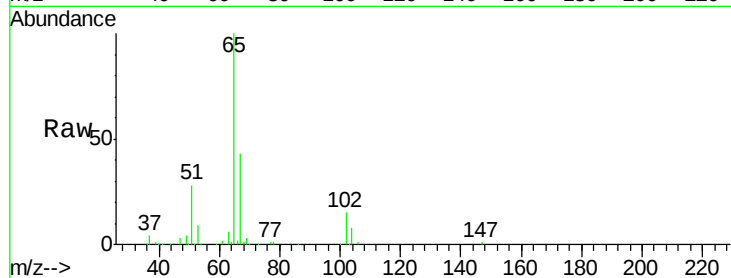
SB-05(13-14)

Tot Ion: 65 Resp: 517019

Ion Ratio Lower Upper

65 100

67 43.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

200000

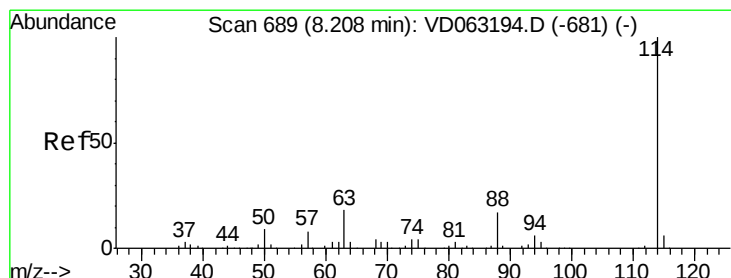
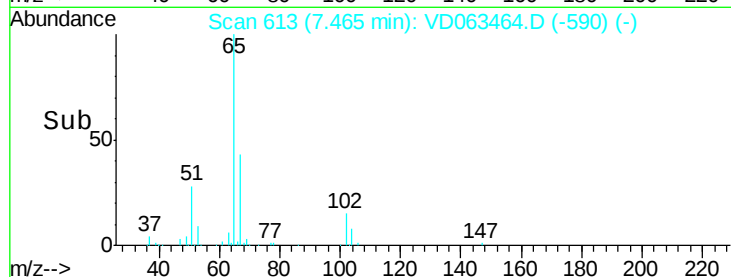
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

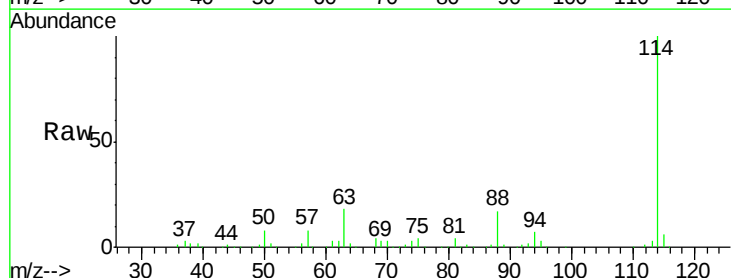
Tgt Ion: 114 Resp: 1508763

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

88 16.9 0.0 34.6



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

8.23

800000

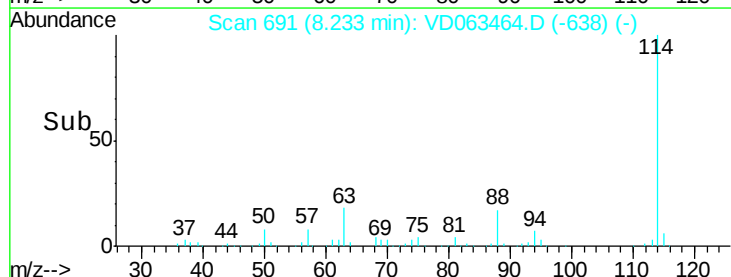
600000

400000

200000

0

Time--> 8.10 8.20 8.30 8.40

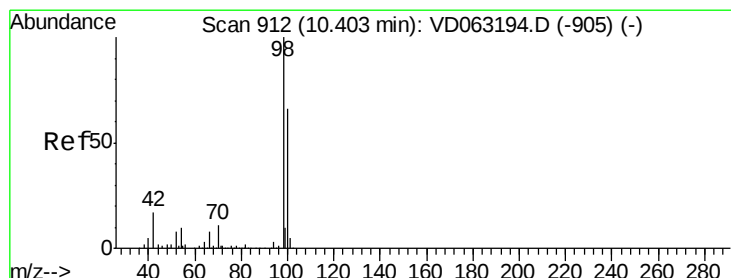
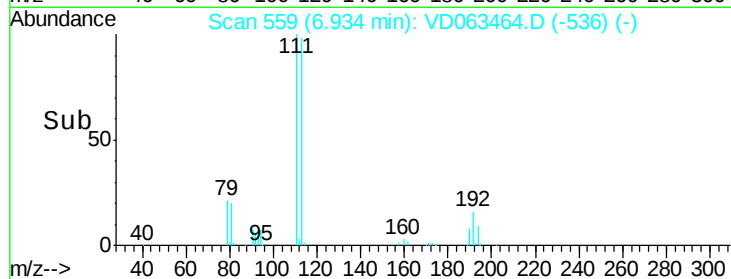
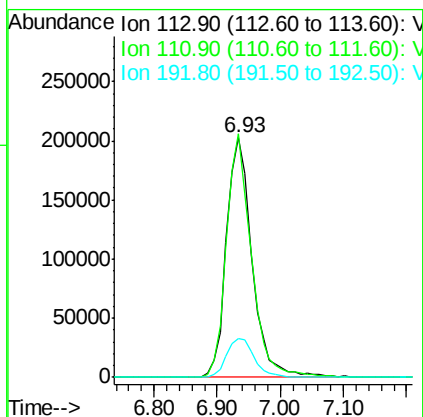
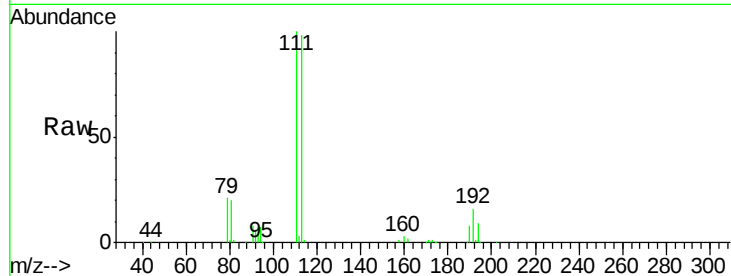




#35
 Dibromofluoromethane
 Concen: 44.335 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD063464.D
 Acq: 9 Aug 2019 4:46

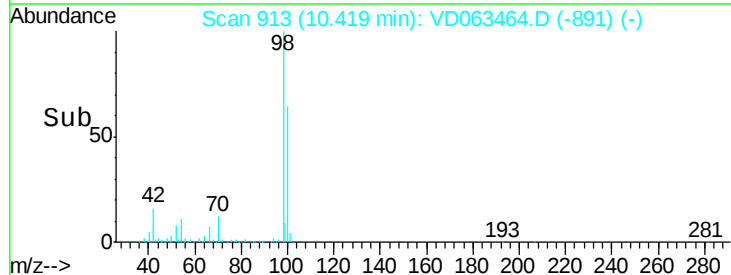
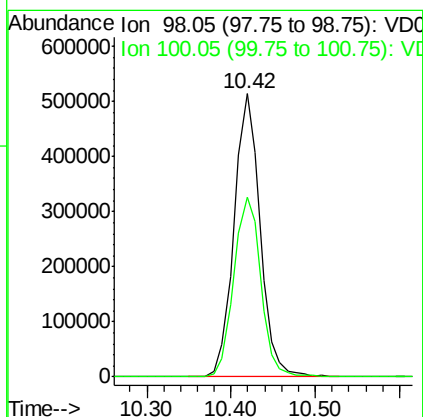
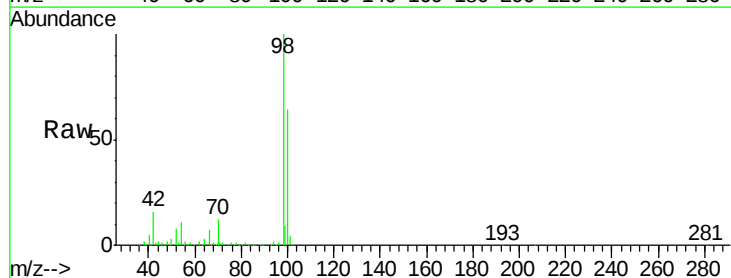
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05(13-14)

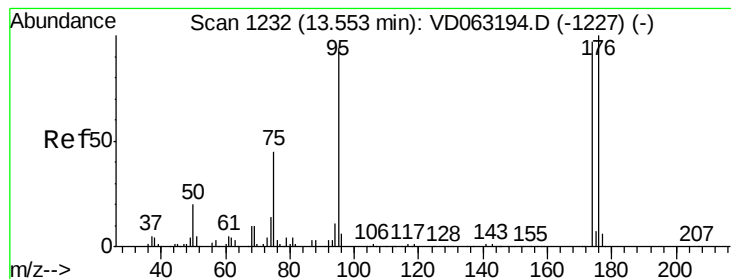
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.2	124.8
192	16.3	11.8	17.8



#50
 Toluene-d8
 Concen: 38.326 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. 0.02 min
 Lab File: VD063464.D
 Acq: 9 Aug 2019 4:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 31.316 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05(13-14)

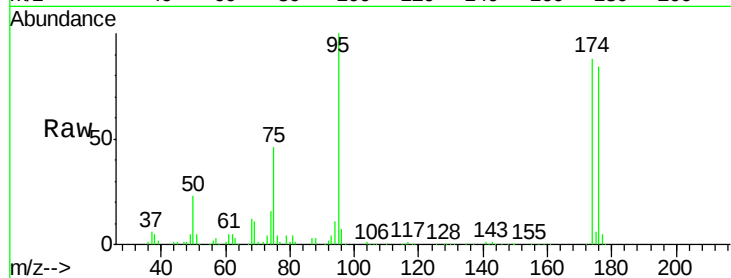
Tot Ion: 95 Resp: 411404

Ion Ratio Lower Upper

95 100

174 88.0 0.0 205.4

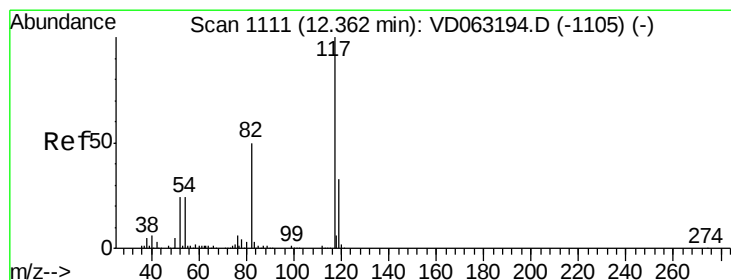
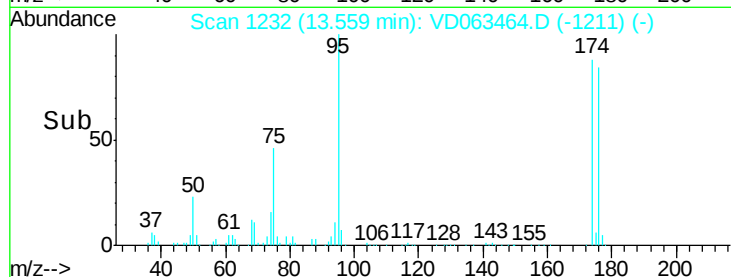
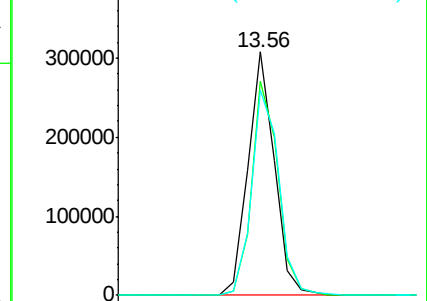
176 84.3 0.0 211.8



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: 12.38 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

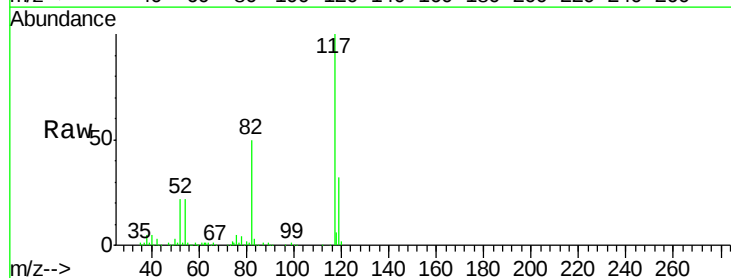
Tgt Ion: 117 Resp: 1161450

Ion Ratio Lower Upper

117 100

82 50.1 40.1 60.1

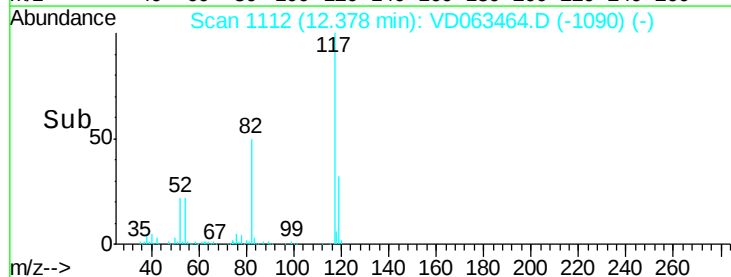
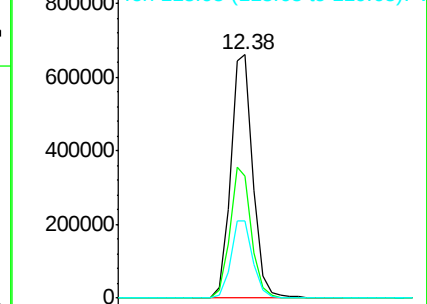
119 32.0 26.5 39.7

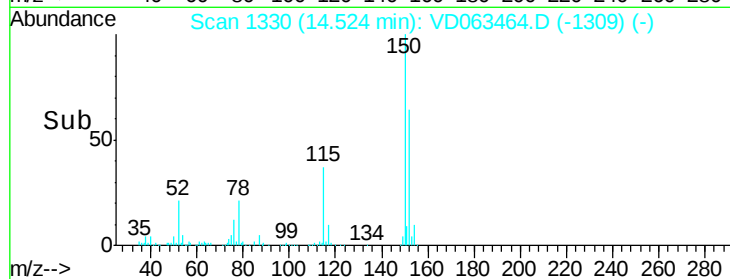
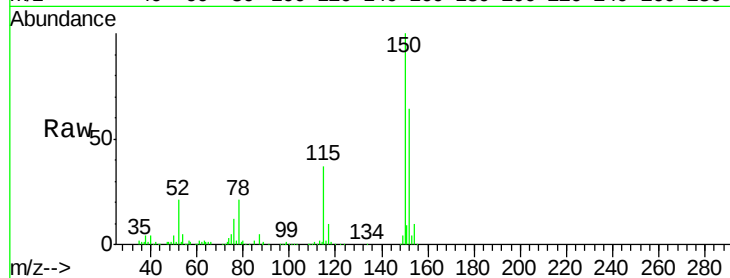
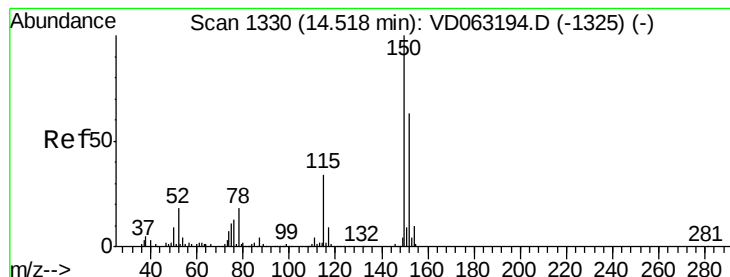


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063464.D

Acq: 9 Aug 2019 4:46

Instrument :

MSVOA_D

ClientSampleId :

SB-05(13-14)

Tot Ion:152 Resp: 461885

Ion Ratio Lower Upper

152 100

115 57.7 27.5 82.4

150 156.4 0.0 320.6

