

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064269.D
 Acq On : 18 Nov 2019 17:26
 Operator : VA/SY
 Sample : K5839-04RE
 Misc : 3.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NW-02RE

Quant Time: Nov 19 05:52:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

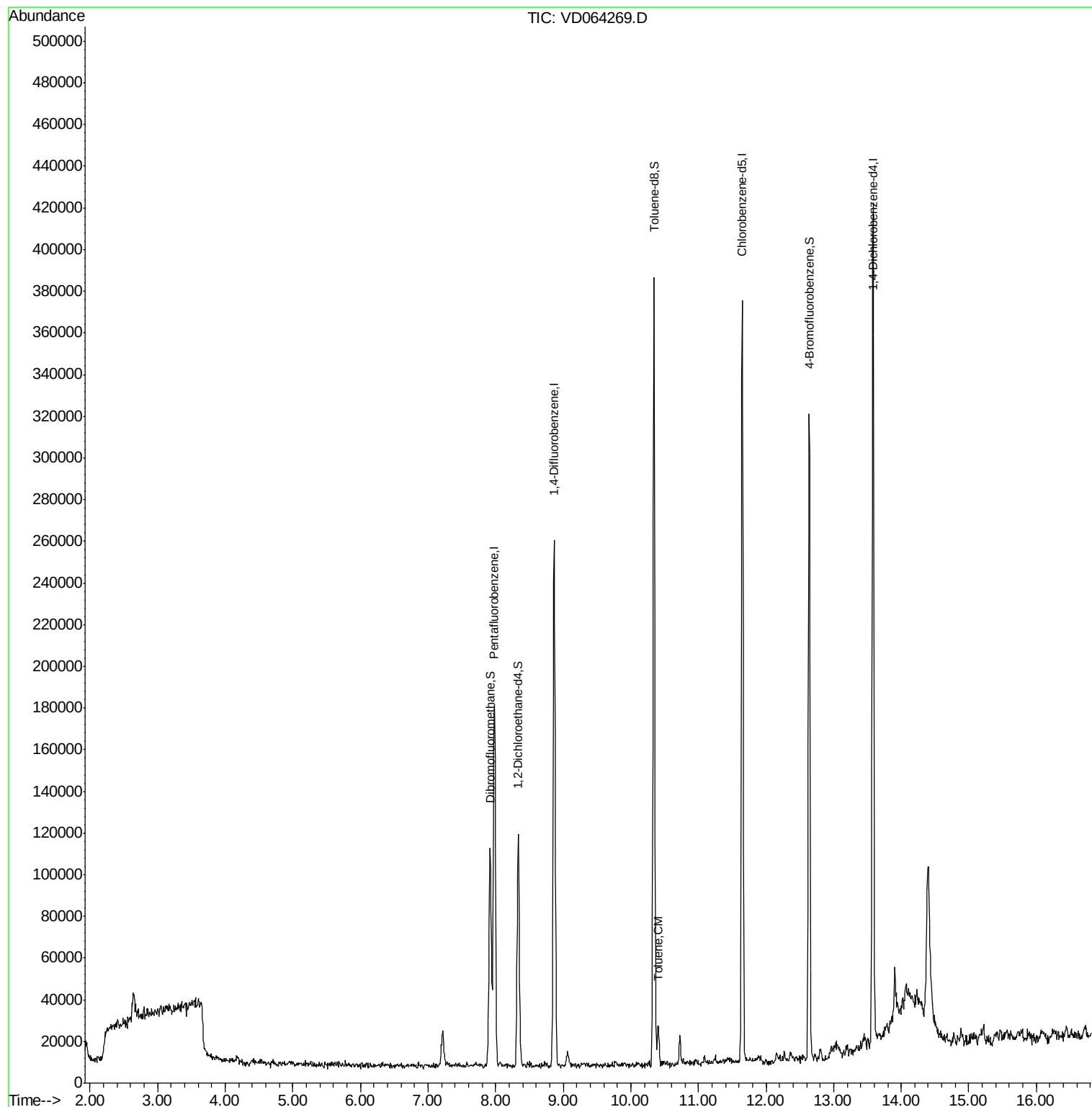
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	144457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	218196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	209202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	87968	74.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.08%	
35) Dibromofluoromethane	7.91	113	71865	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
50) Toluene-d8	10.34	98	260124	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.64	95	96376	58.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.80%	
Target Compounds						
52) Toluene	10.41	92	7630	2.108	ug/l	Qvalue 99

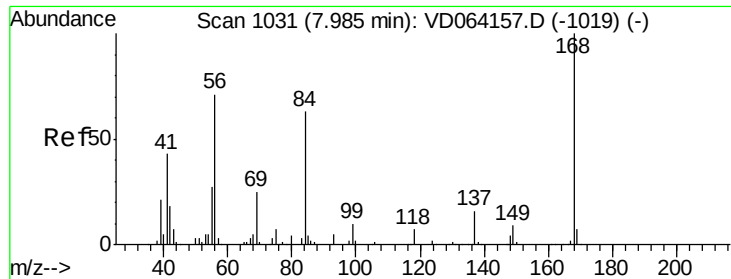
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064269.D

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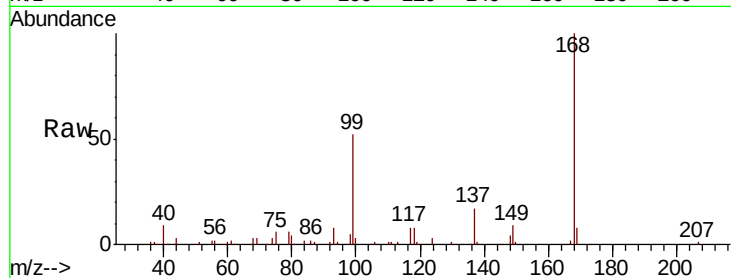
PHIPPS-BH-NW-02RE

Tot Ion:168 Resp: 144457

Ion Ratio Lower Upper

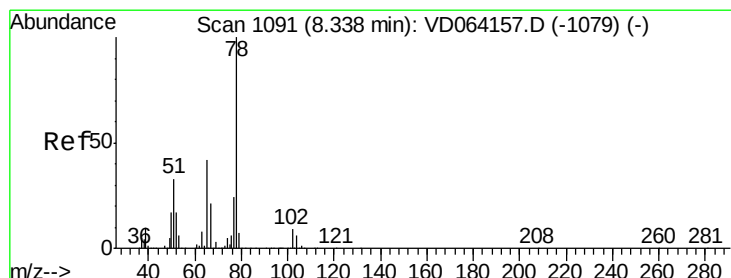
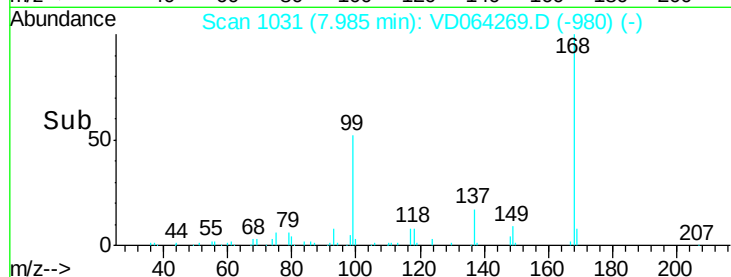
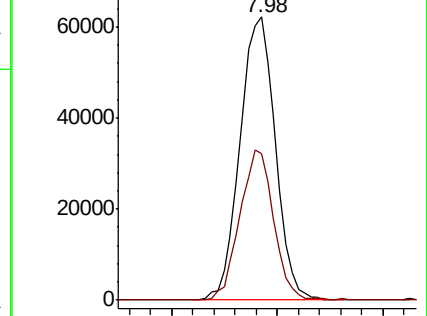
168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 74.043 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064269.D

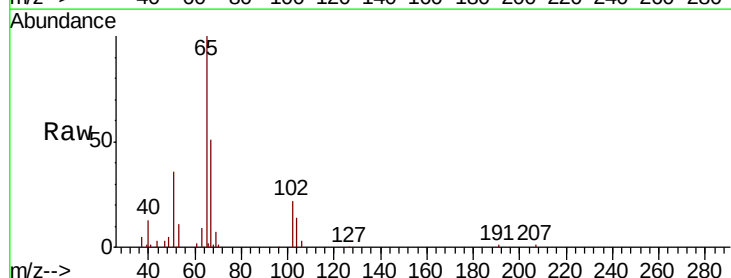
Acq: 18 Nov 2019 17:26

Tgt Ion: 65 Resp: 87968

Ion Ratio Lower Upper

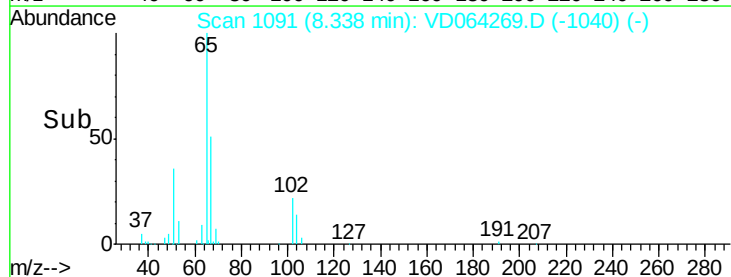
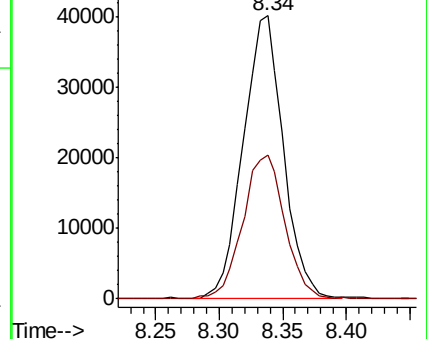
65 100

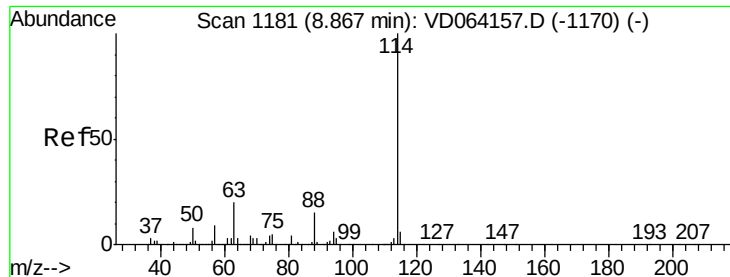
67 53.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

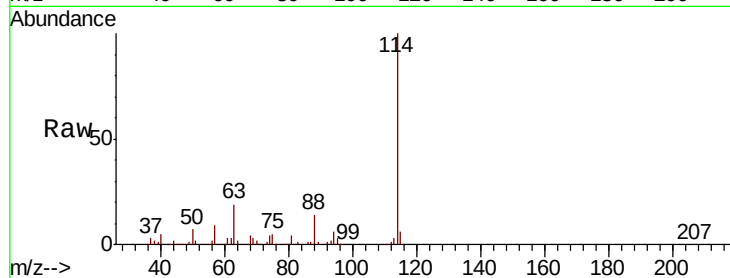




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064269.D
 Acq: 18 Nov 2019 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NW-02RE

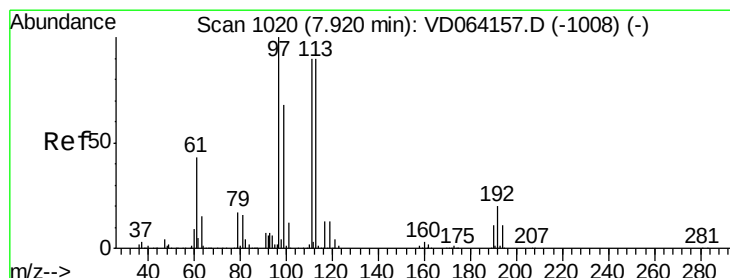
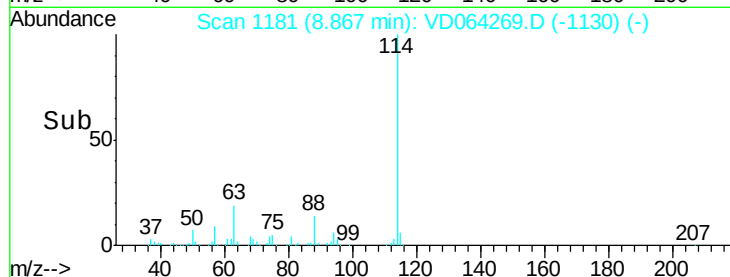
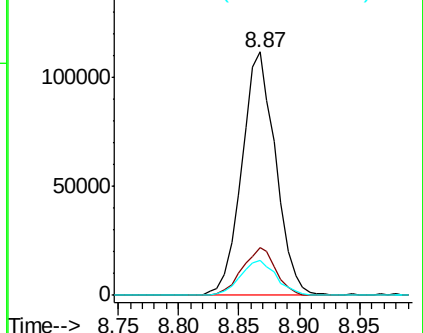
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	14.3	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

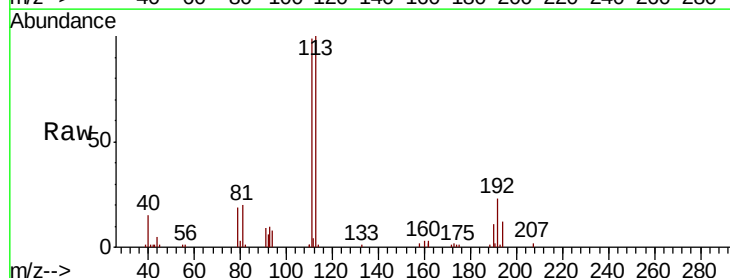
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 57.378 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064269.D
 Acq: 18 Nov 2019 17:26

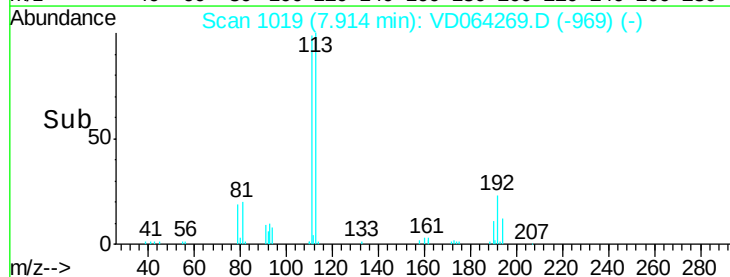
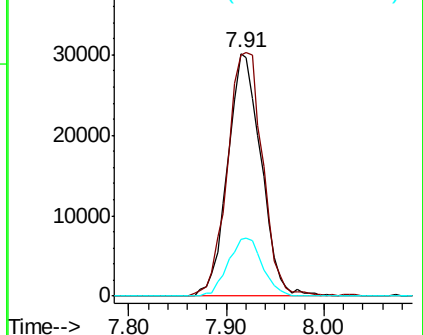
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.5	122.3
192	24.4	18.8	28.2

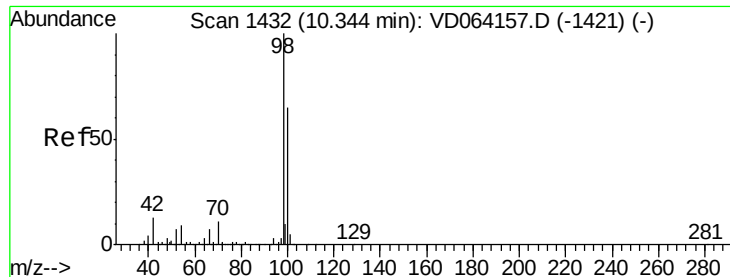


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.054 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064269.D

Acq: 18 Nov 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

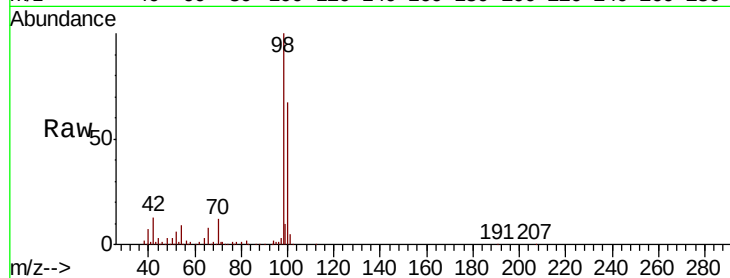
PHIPPS-BH-NW-02RE

Tot Ion: 98 Resp: 260124

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

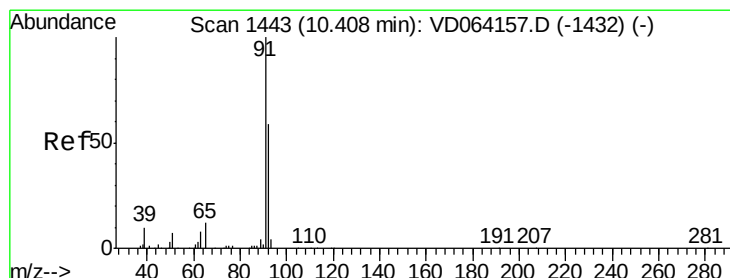
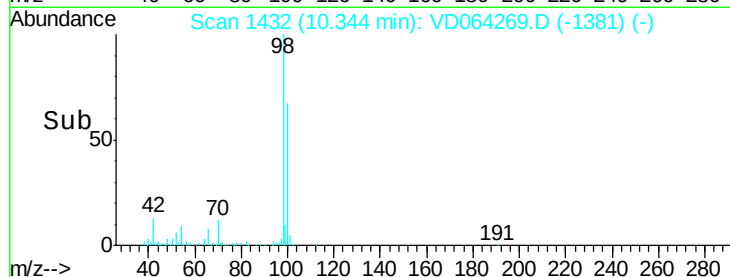
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.108 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064269.D

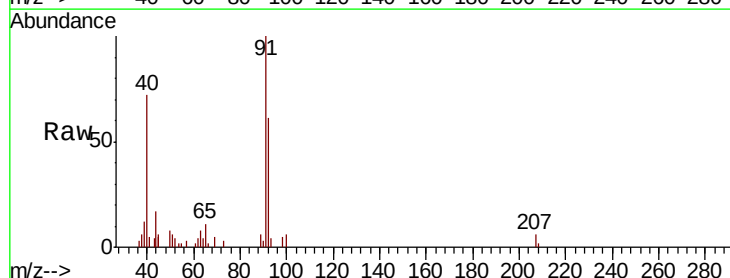
Acq: 18 Nov 2019 17:26

Tgt Ion: 92 Resp: 7630

Ion Ratio Lower Upper

92 100

91 172.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8000

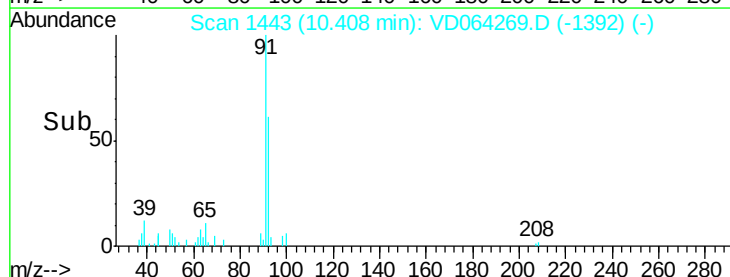
6000

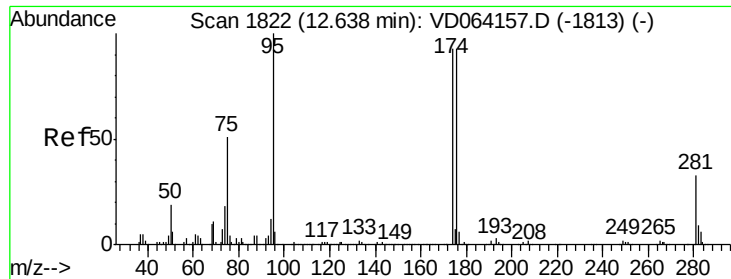
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 58.900 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064269.D

Acq: 18 Nov 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-NW-02RE

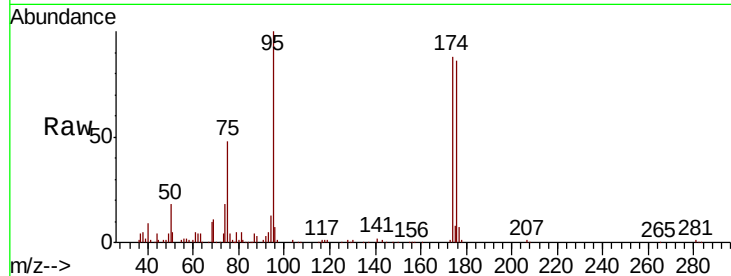
Tot Ion: 95 Resp: 96376

Ion Ratio Lower Upper

95 100

174 94.9 0.0 183.6

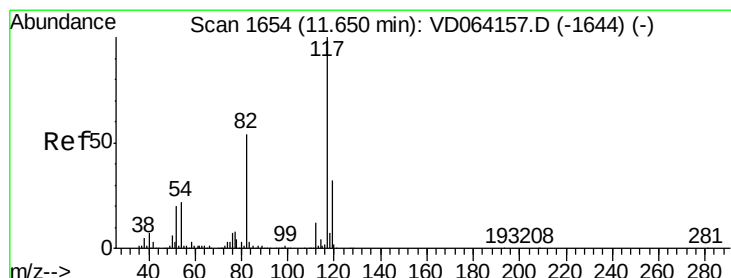
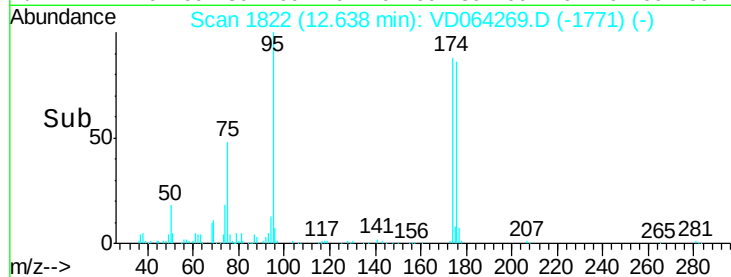
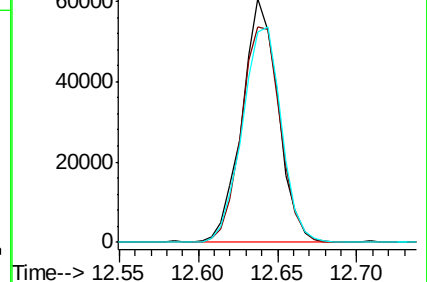
176 95.2 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064269.D

Acq: 18 Nov 2019 17:26

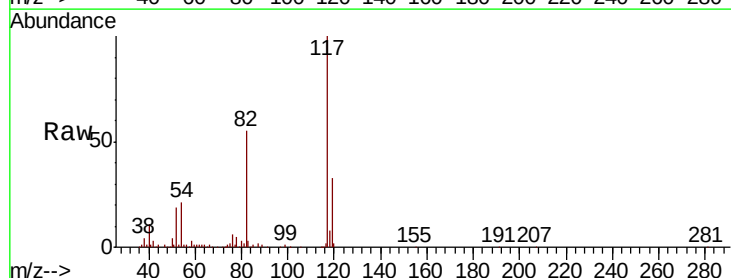
Tgt Ion: 117 Resp: 209202

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

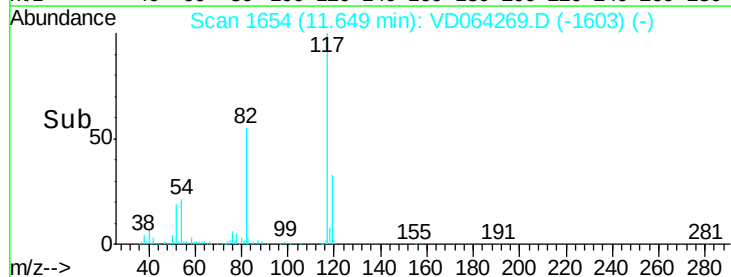
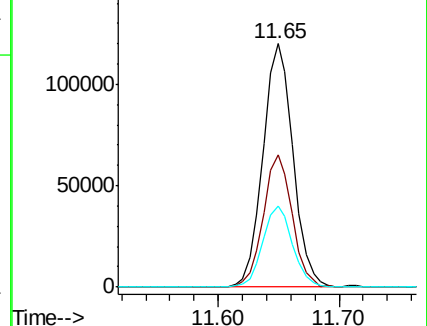
119 33.1 25.6 38.4

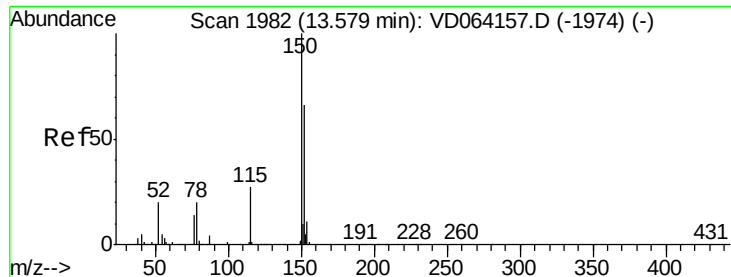


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064269.D

Acq: 18 Nov 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-NW-02RE

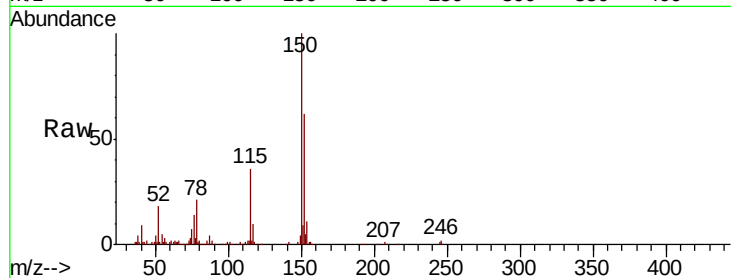
Tot Ion:152 Resp: 111558

Ion Ratio Lower Upper

152 100

115 56.2 27.4 82.2

150 154.7 0.0 351.6



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

