

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065075.D
 Acq On : 05 Feb 2020 20:34
 Operator : VA/SY
 Sample : L1408-17
 Misc : 4.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-02-B

Quant Time: Feb 06 06:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

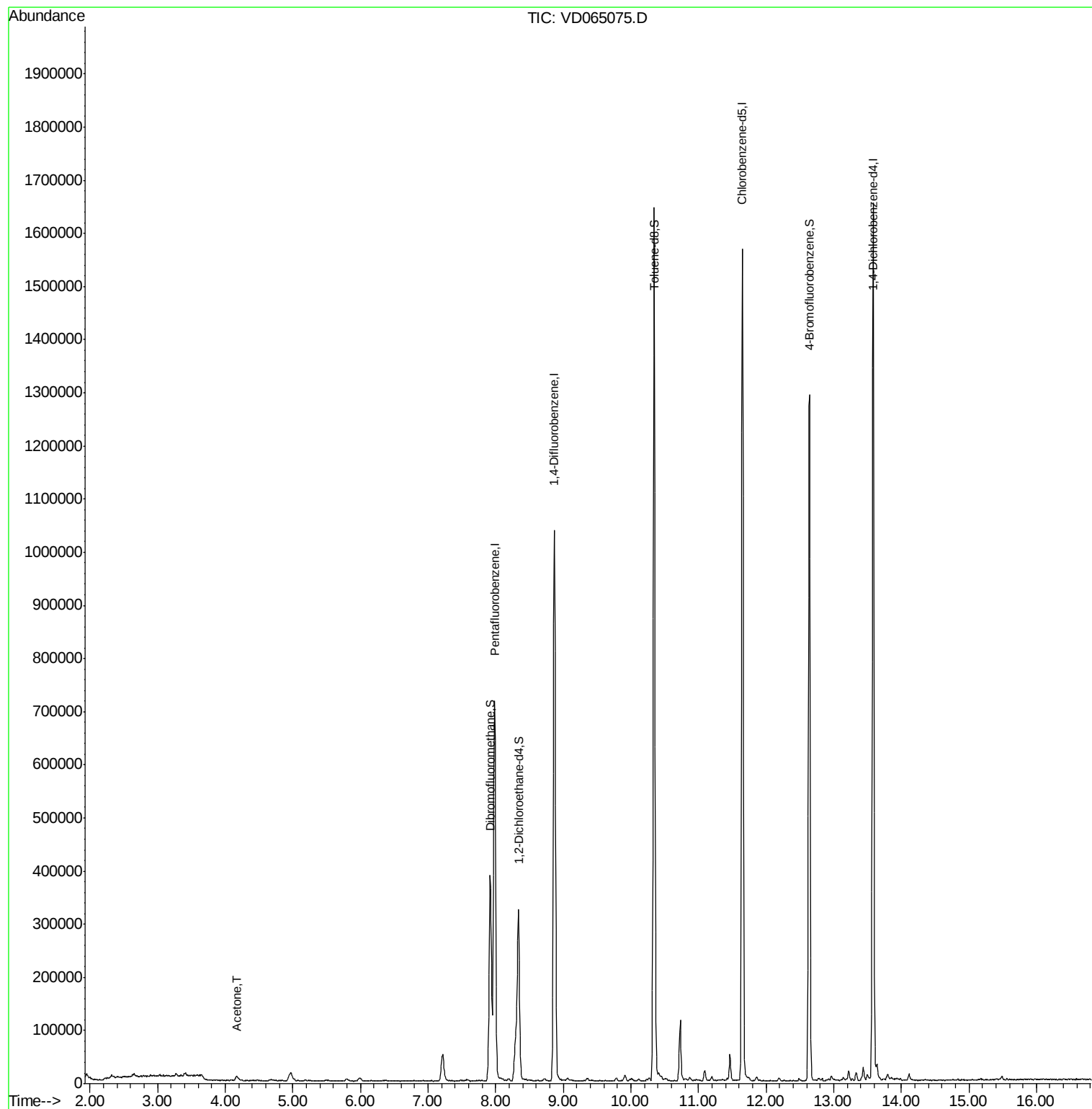
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	558949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	899371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	894099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	437482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262547	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	7.92	113	275429	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.34	98	1099208	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.64	95	384800	60.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.60%	
Target Compounds						
16) Acetone	4.17	43	14915	12.558	ug/l	Qvalue 95

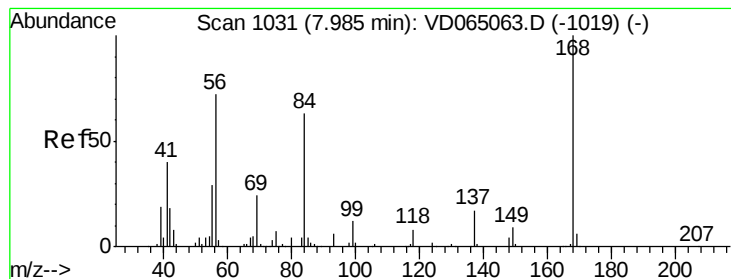
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065075.D

Acq: 05 Feb 2020 20:34

Instrument :

MSVOA_D

ClientSampleId :

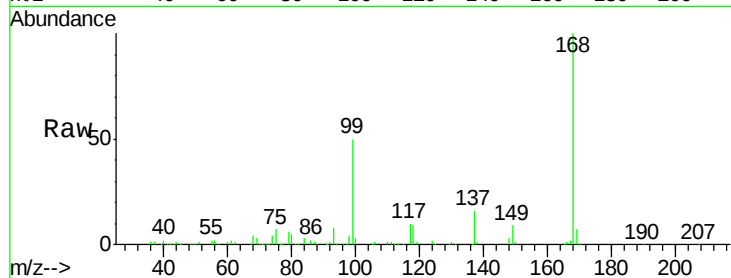
SHORE-RD-PATH-BH-02-B

Tot Ion:168 Resp: 558949

Ion Ratio Lower Upper

168 100

99 50.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

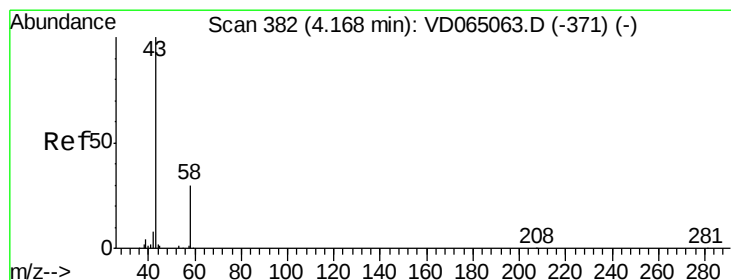
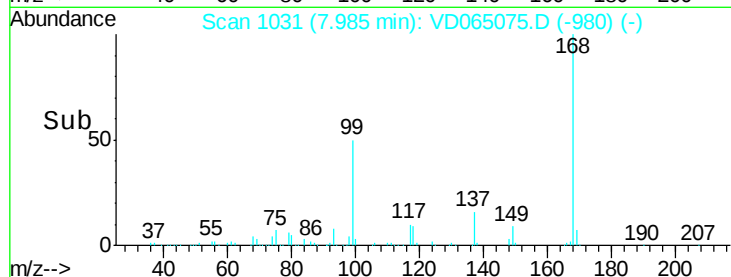
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.558 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065075.D

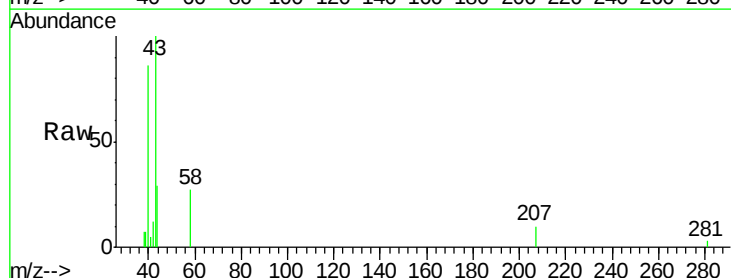
Acq: 05 Feb 2020 20:34

Tgt Ion: 43 Resp: 14915

Ion Ratio Lower Upper

43 100

58 26.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

6000

5000

4000

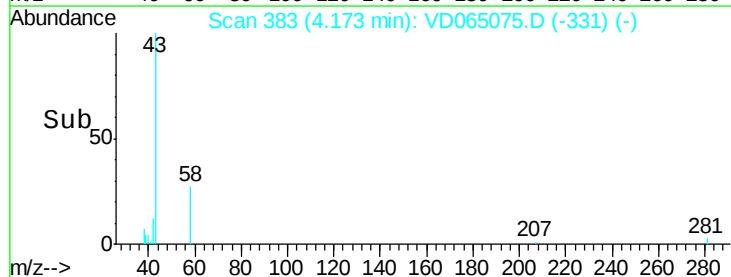
3000

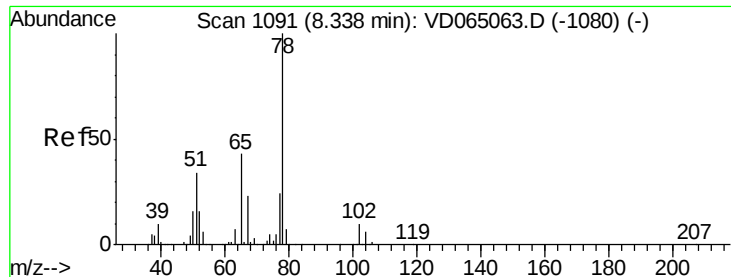
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.266 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065075.D

Acq: 05 Feb 2020 20:34

Instrument :

MSVOA_D

ClientSampleId :

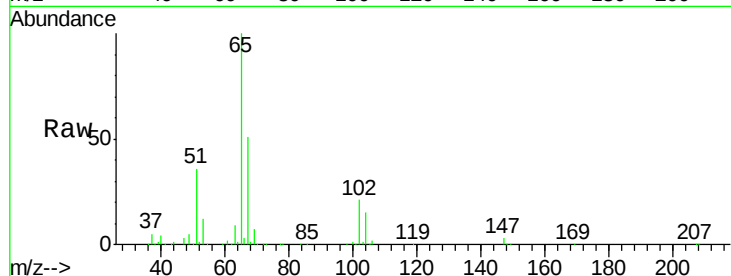
SHORE-RD-PATH-BH-02-B

Tot Ion: 65 Resp: 262547

Ion Ratio Lower Upper

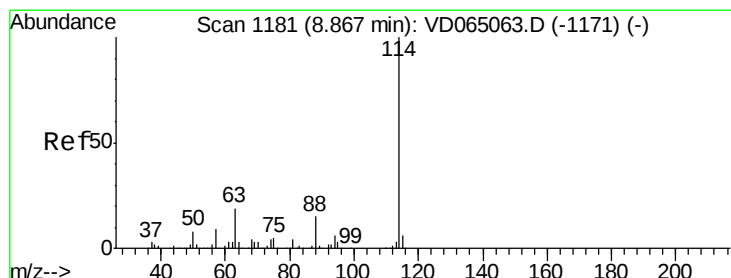
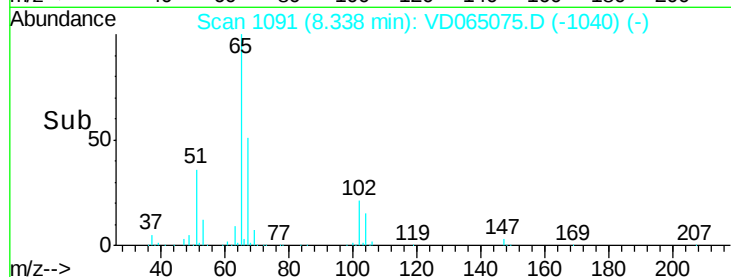
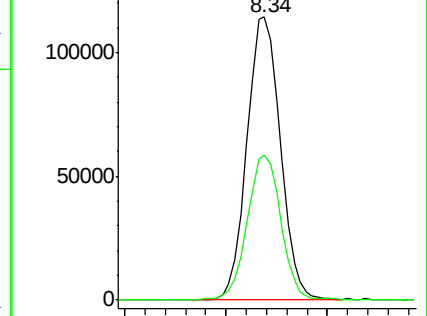
65 100

67 51.7 0.0 105.8



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: VD065075.D

Acq: 05 Feb 2020 20:34

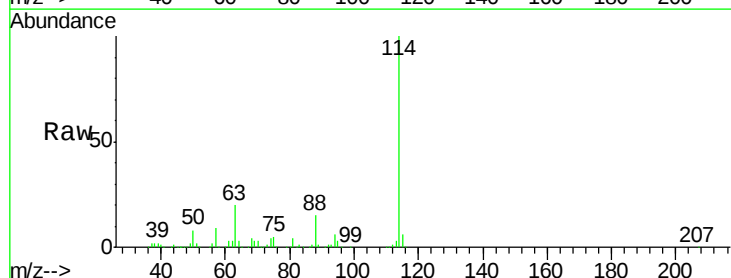
Tgt Ion: 114 Resp: 899371

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

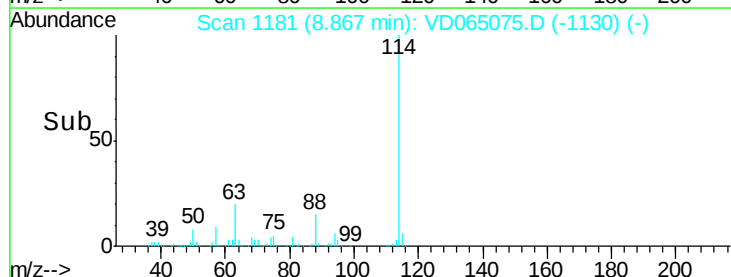
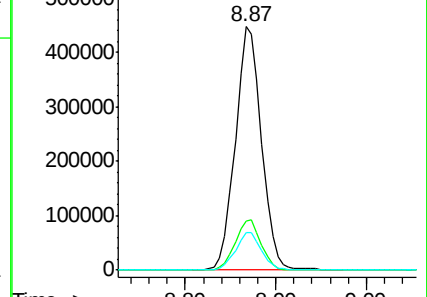
88 15.4 0.0 29.6

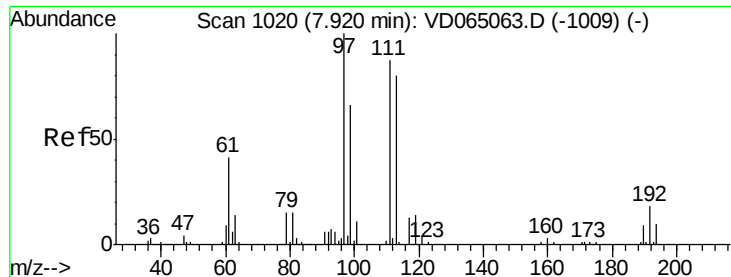


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.889 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065075.D

Acq: 05 Feb 2020 20:34

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-02-B

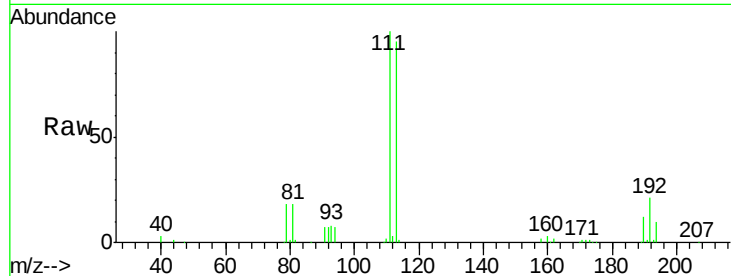
Tot Ion:113 Resp: 275429

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

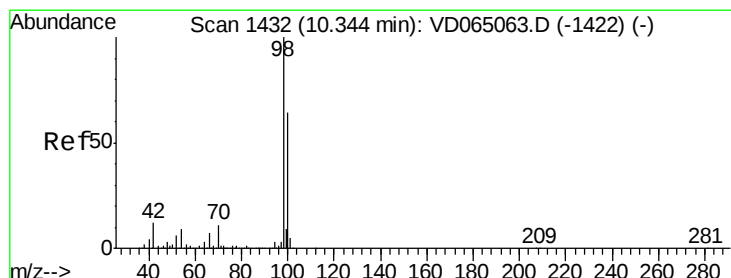
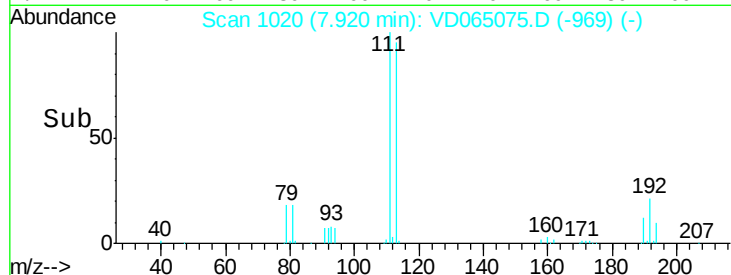
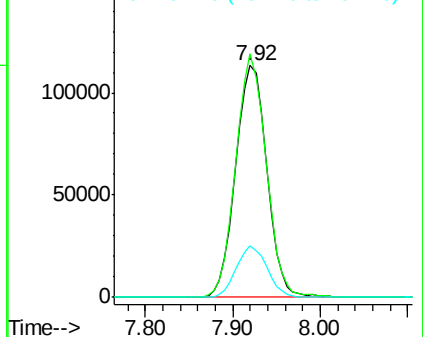
192 21.7 18.1 27.1



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: 55.035 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065075.D

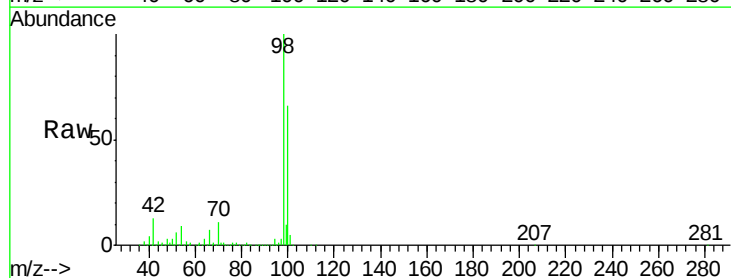
Acq: 05 Feb 2020 20:34

Tgt Ion: 98 Resp: 1099208

Ion Ratio Lower Upper

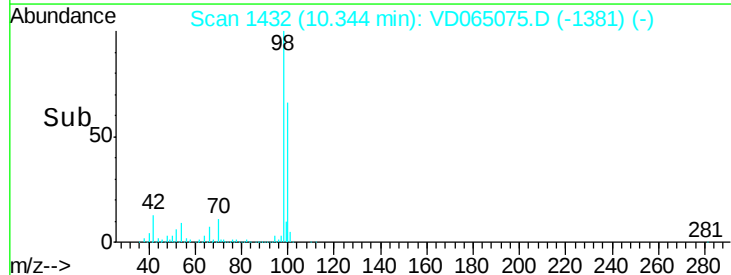
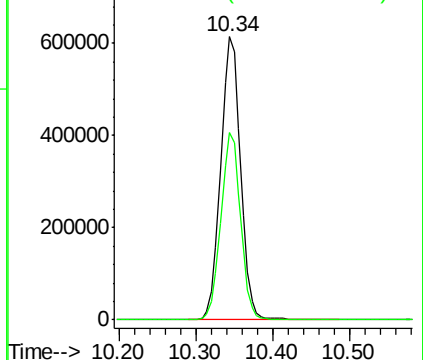
98 100

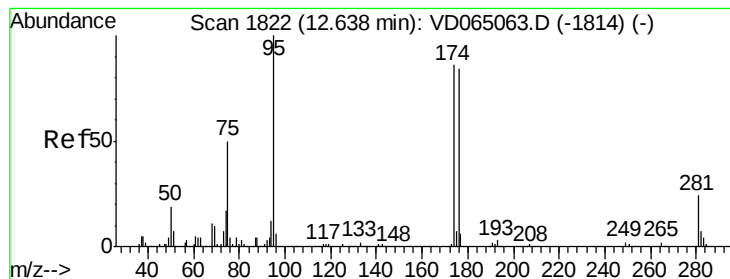
100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 60.803 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065075.D

Acq: 05 Feb 2020 20:34

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-02-B

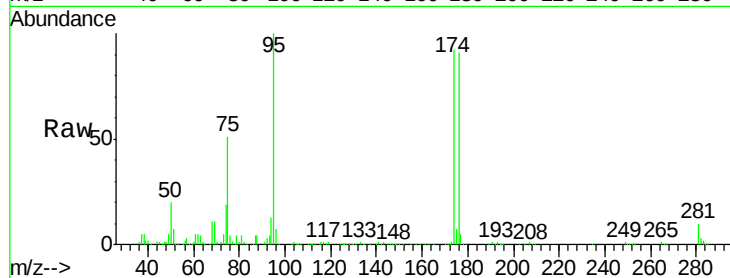
Tot Ion: 95 Resp: 384800

Ion Ratio Lower Upper

95 100

174 92.2 0.0 180.0

176 89.4 0.0 173.2



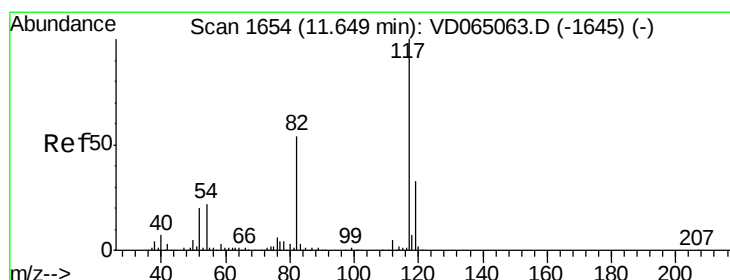
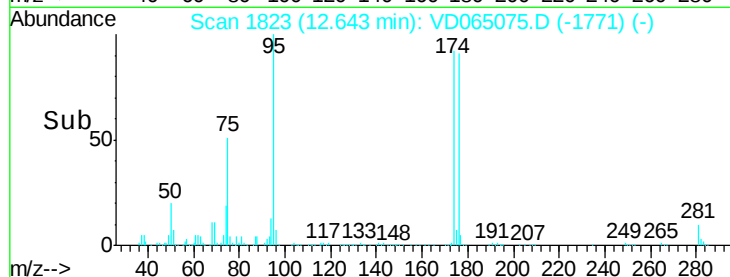
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065075.D

Acq: 05 Feb 2020 20:34

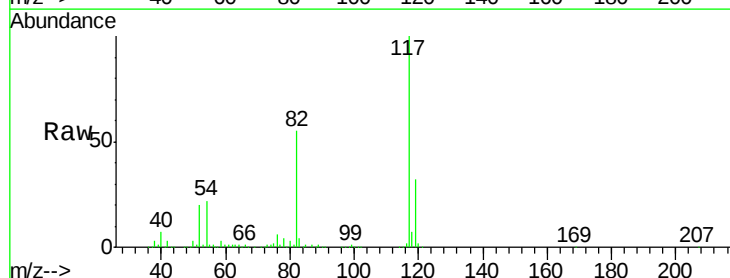
Tgt Ion: 117 Resp: 894099

Ion Ratio Lower Upper

117 100

82 55.3 43.1 64.7

119 32.0 26.0 39.0



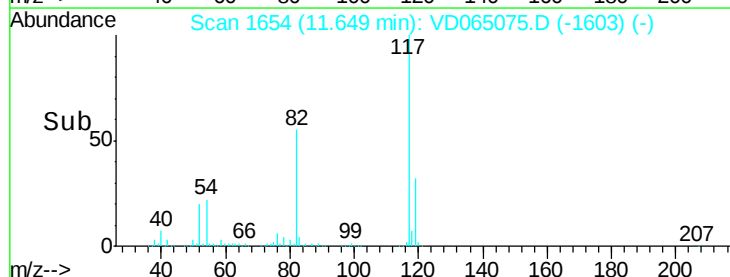
Abundance Ion 116.90 (116.60 to 117.60): V

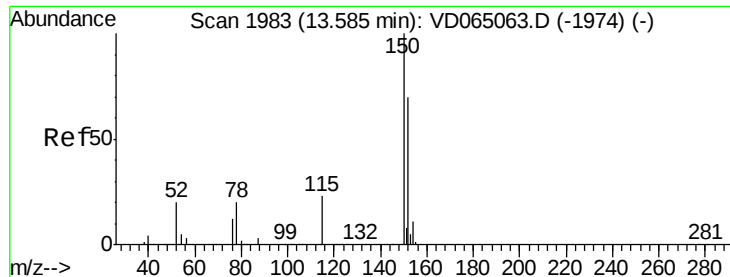
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065075.D

Acq: 05 Feb 2020 20:34

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-02-B

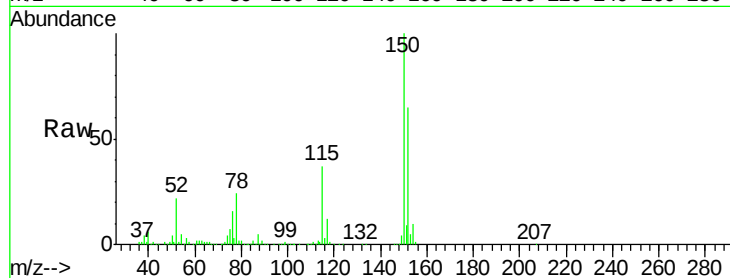
Tot Ion:152 Resp: 437482

Ion Ratio Lower Upper

152 100

115 55.7 27.5 82.4

150 157.2 0.0 343.2



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

