

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065071.D
 Acq On : 05 Feb 2020 18:39
 Operator : VA/SY
 Sample : L1408-08
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-03-B

Quant Time: Feb 06 06:09:39 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	29609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	45699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	48919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	26494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	21138	84.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.00%	
35) Dibromofluoromethane	7.93	113	16750	65.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.38%	
50) Toluene-d8	10.34	98	54407	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	22047	68.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.12%	

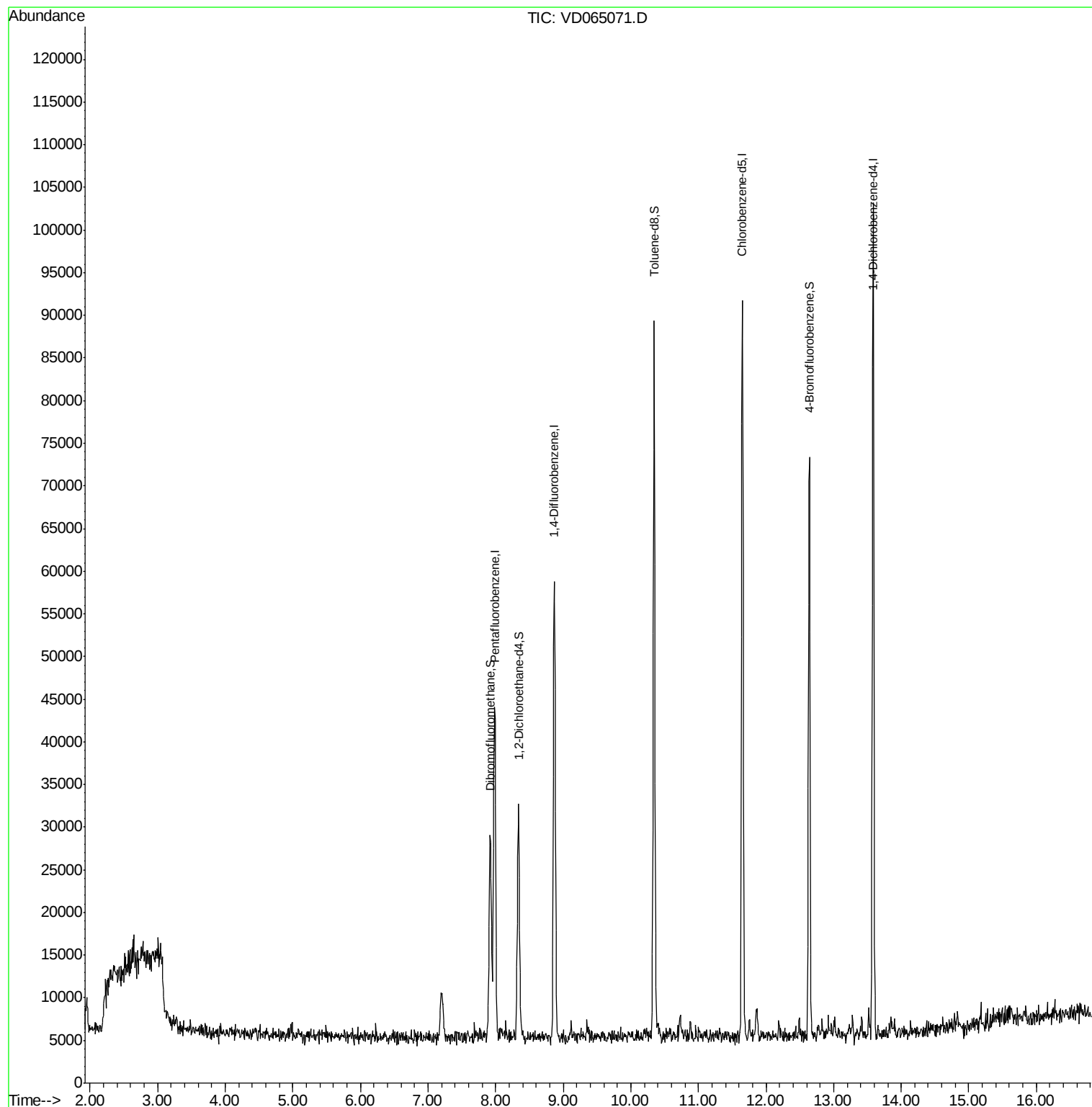
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020520\
Data File : VD065071.D
Acq On : 05 Feb 2020 18:39
Operator : VA/SY
Sample : L1408-08
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Quant Time: Feb 06 06:09:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065071.D

Acq: 05 Feb 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

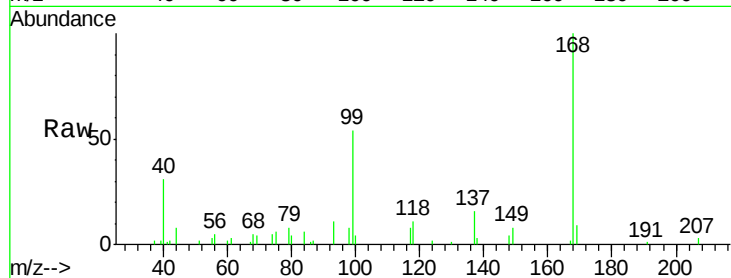
SHORE-RD-PATH-BH-03-B

Tot Ion:168 Resp: 29609

Ion Ratio Lower Upper

168 100

99 54.2 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

15000

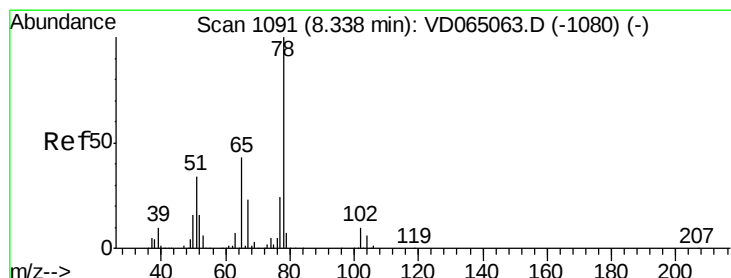
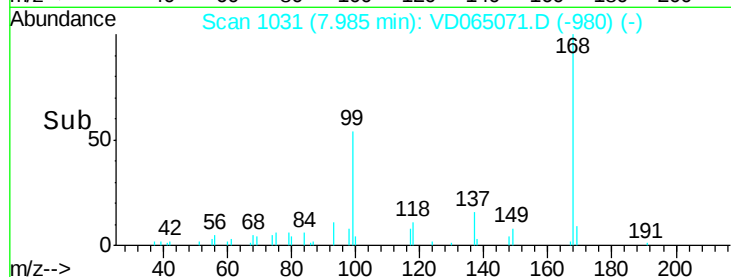
10000

5000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 83.997 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065071.D

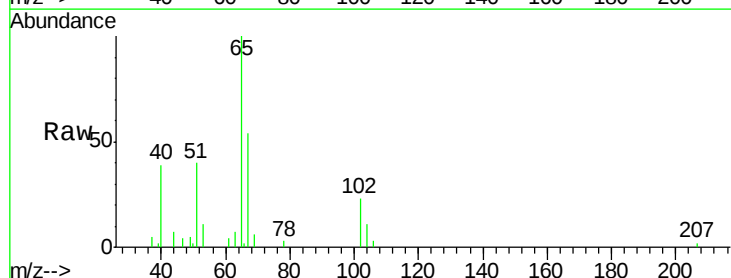
Acq: 05 Feb 2020 18:39

Tgt Ion: 65 Resp: 21138

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

10000

8000

6000

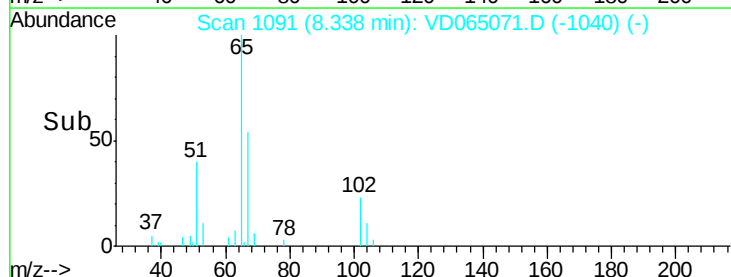
4000

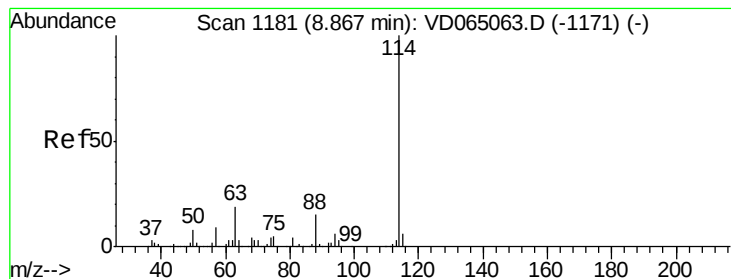
2000

0

Time-->

8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065071.D

Acq: 05 Feb 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-03-B

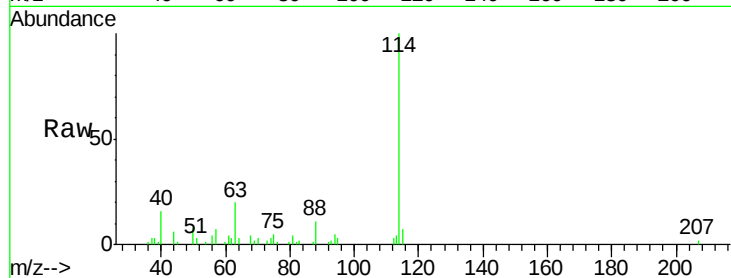
Tot Ion:114 Resp: 45699

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

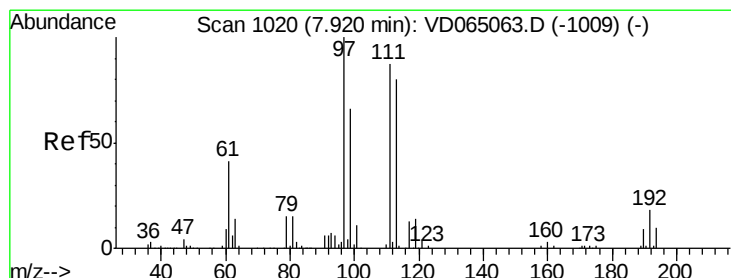
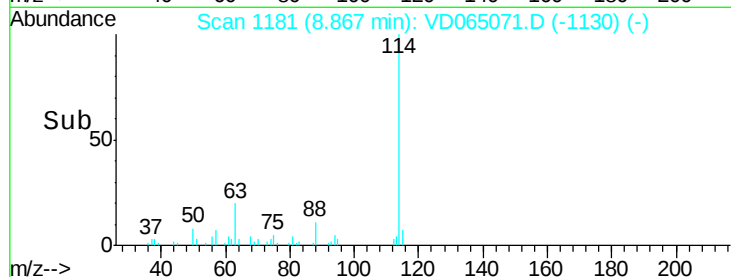
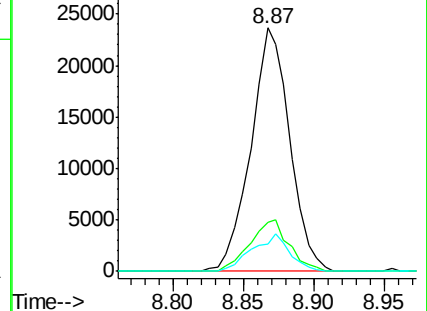
88 11.4 0.0 29.6



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: 65.693 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065071.D

Acq: 05 Feb 2020 18:39

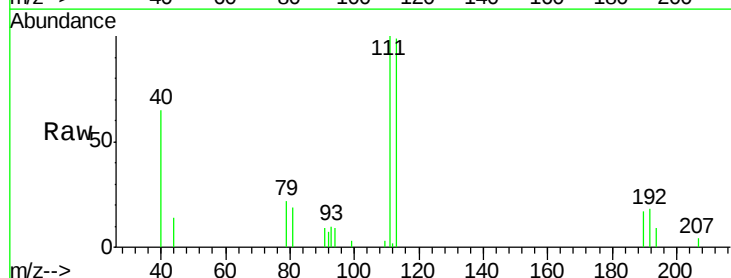
Tgt Ion:113 Resp: 16750

Ion Ratio Lower Upper

113 100

111 108.3 83.1 124.7

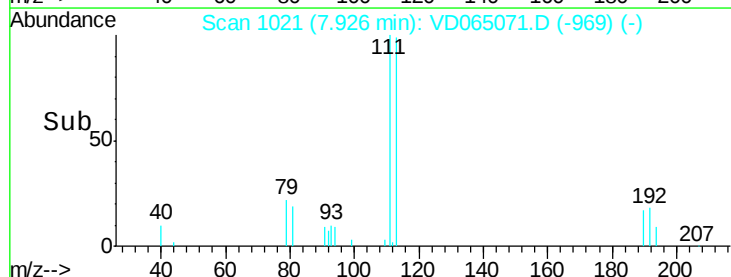
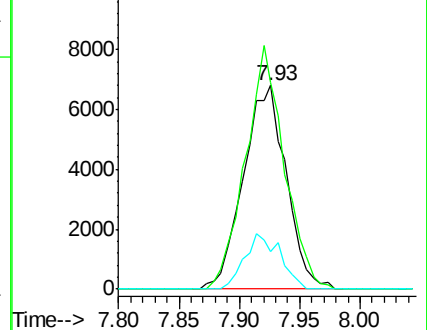
192 22.6 18.1 27.1

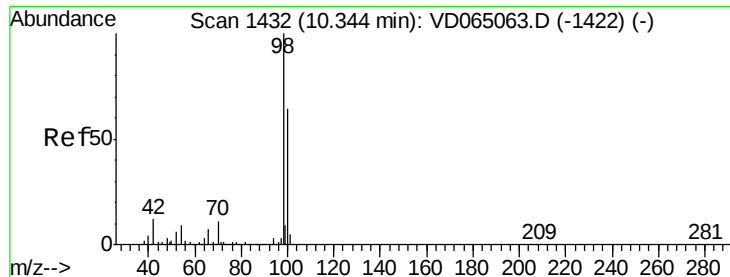


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.610 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065071.D

Acq: 05 Feb 2020 18:39

Instrument :

MSVOA_D

ClientSampleId :

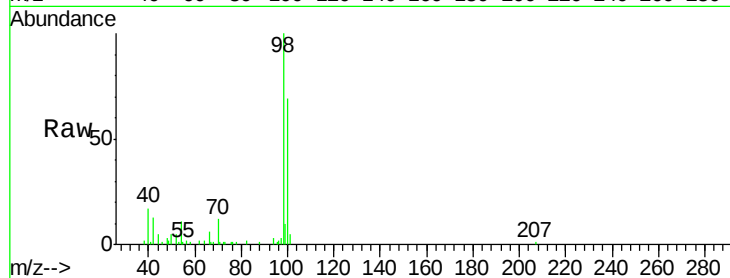
SHORE-RD-PATH-BH-03-B

Tot Ion: 98 Resp: 54407

Ion Ratio Lower Upper

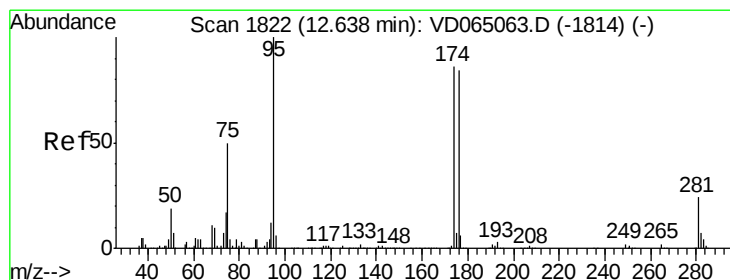
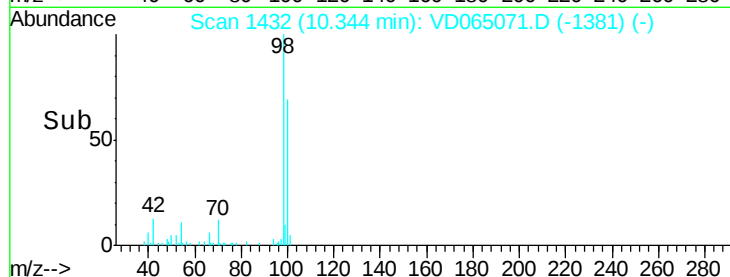
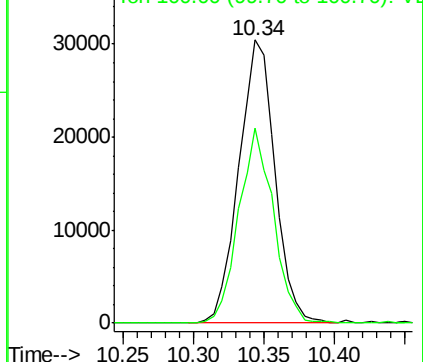
98 100

100 66.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 68.560 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065071.D

Acq: 05 Feb 2020 18:39

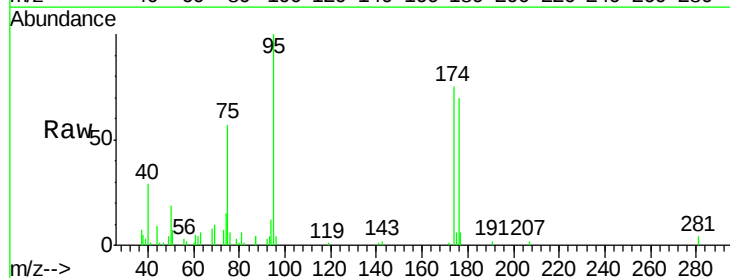
Tgt Ion: 95 Resp: 22047

Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.0

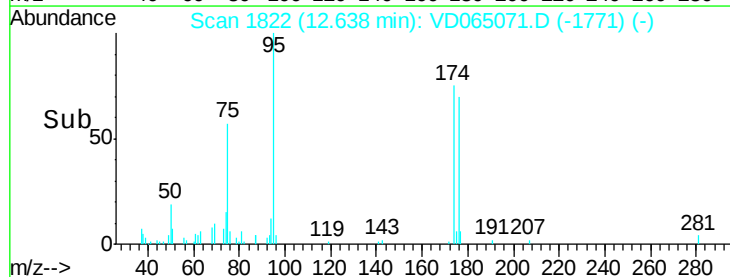
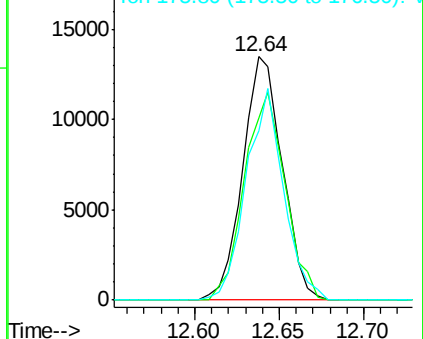
176 82.2 0.0 173.2

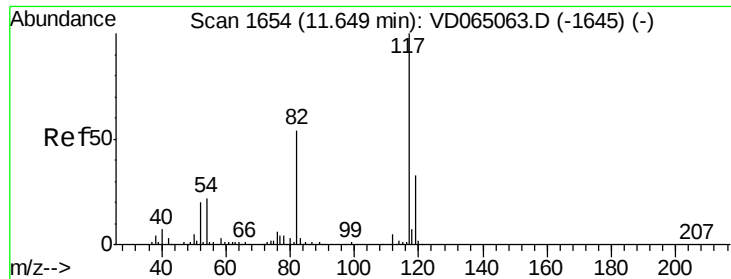


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

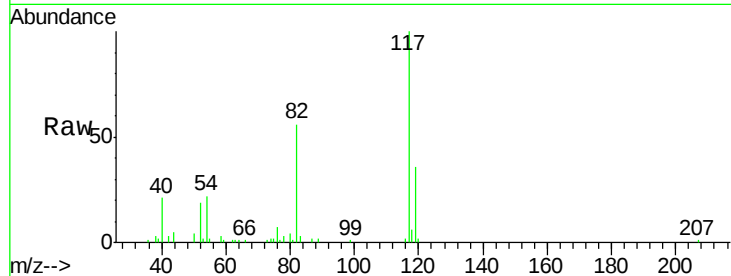




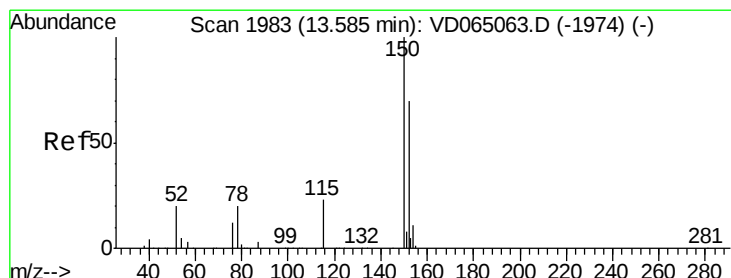
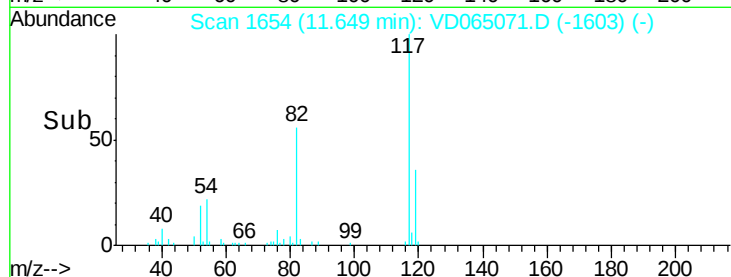
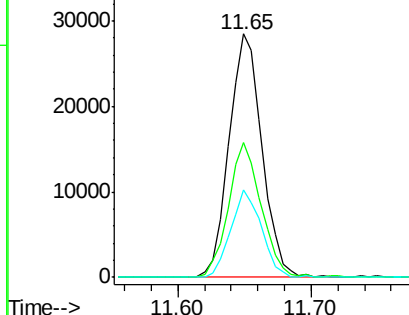
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065071.D
Acq: 05 Feb 2020 18:39

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-PATH-BH-03-B

Tot Ion:117 Resp: 48919
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 35.7 26.0 39.0

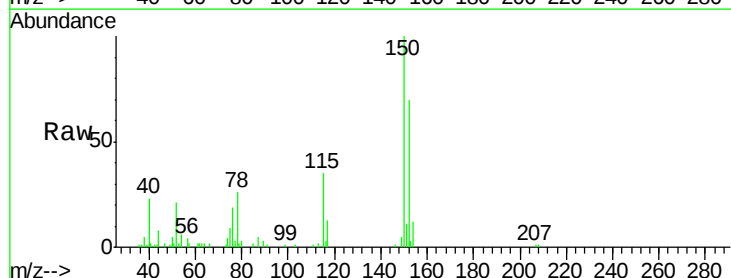


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065071.D
Acq: 05 Feb 2020 18:39

Tgt Ion:152 Resp: 26494
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.4
150 148.3 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

