

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065070.D
 Acq On : 05 Feb 2020 18:10
 Operator : VA/SY
 Sample : L1408-07
 Misc : 5.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 06 06:07:58 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

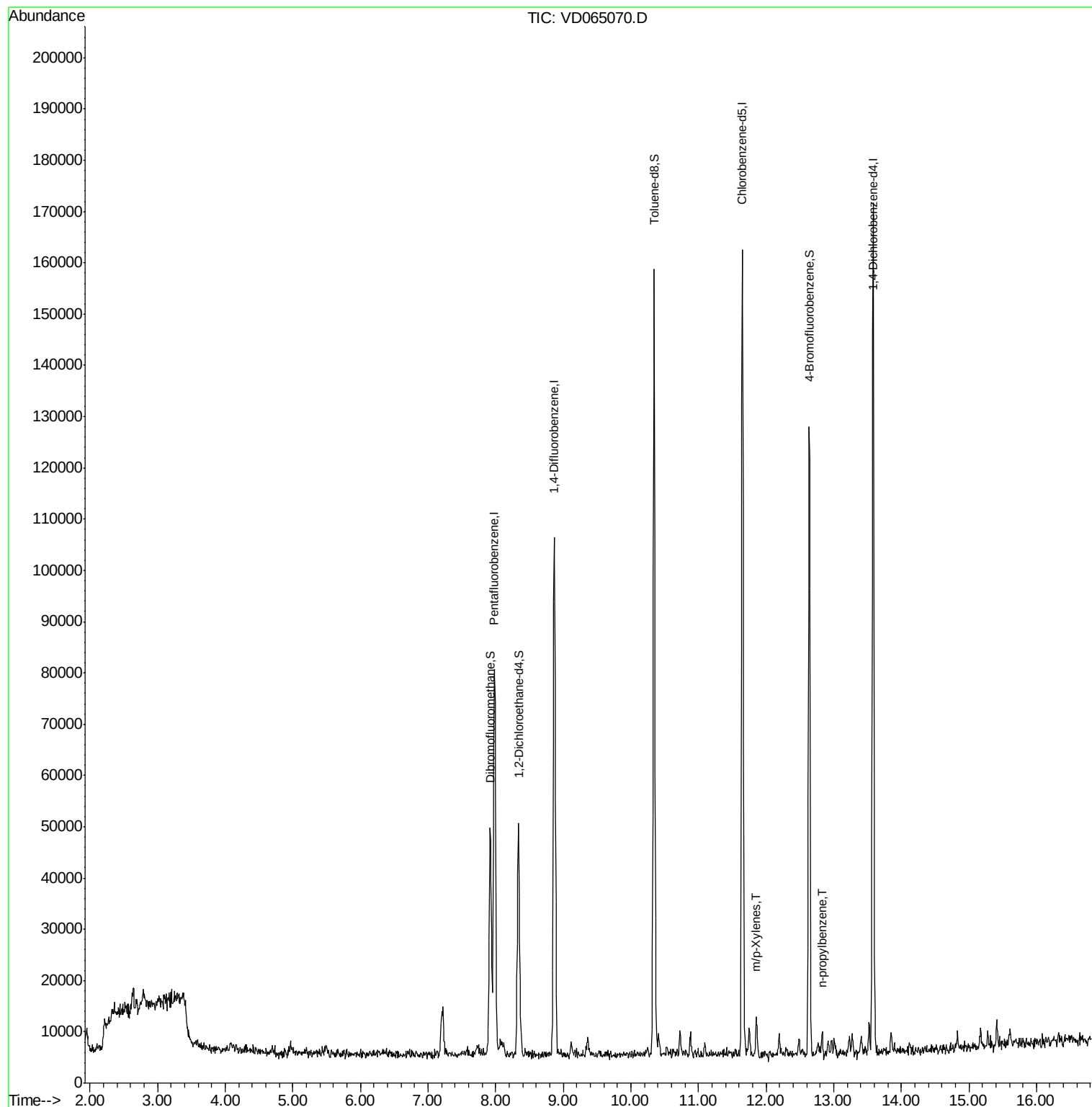
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	58611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	87261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	89417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	43177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	35952	72.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.34%	
35) Dibromofluoromethane	7.92	113	30252	62.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.28%	
50) Toluene-d8	10.34	98	104997	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.64	95	37375	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
Target Compounds						
68) m/p-Xylenes	11.86	106	2431	2.027	ug/l	89
78) n-propylbenzene	12.83	91	3651	1.052	ug/l	95

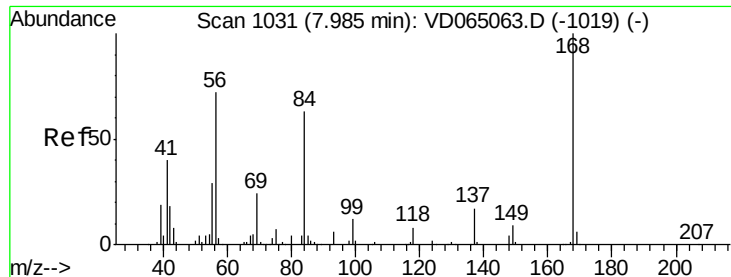
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 05 15:53:00 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065070.D

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Instrument :

MSVOA_D

ClientSampleId :

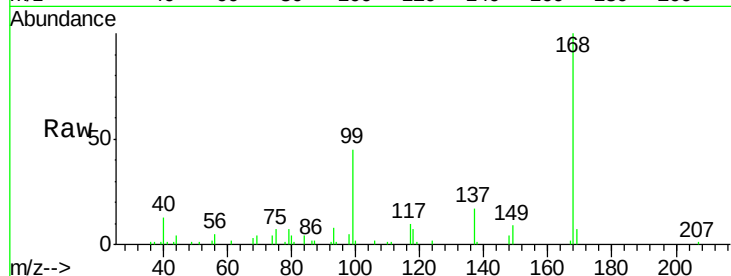
SHORE-RD-PATH-BH-03-A

Tot Ion:168 Resp: 58611

Ion Ratio Lower Upper

168 100

99 45.4 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

30000

25000

20000

15000

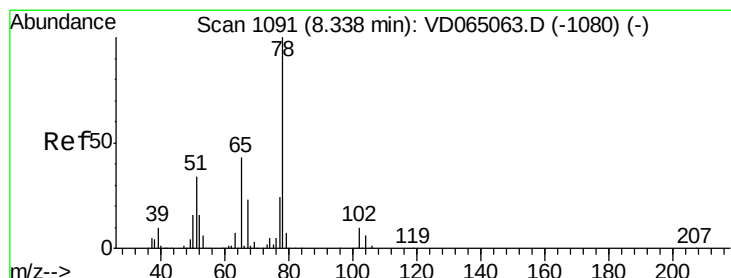
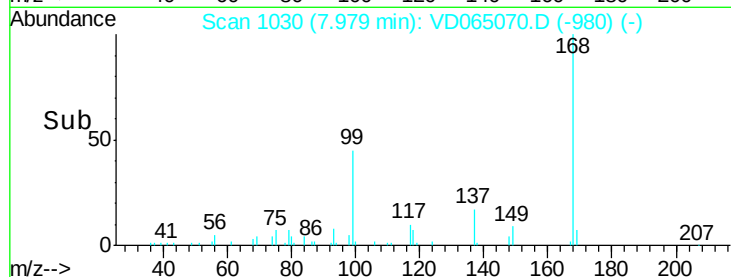
10000

5000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 72.172 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065070.D

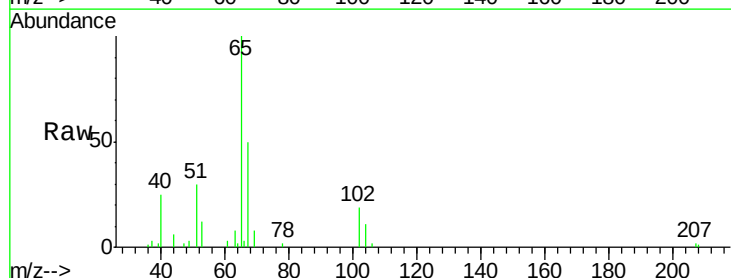
Acq: 05 Feb 2020 18:10

Tgt Ion: 65 Resp: 35952

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

8.33

15000

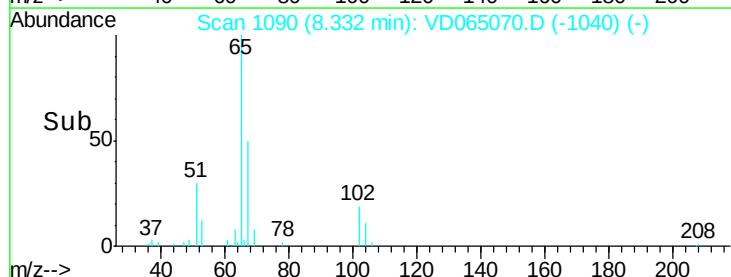
10000

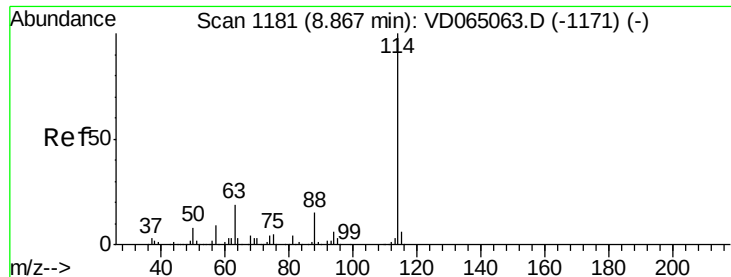
5000

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: VD065070.D

Acq: 05 Feb 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-03-A

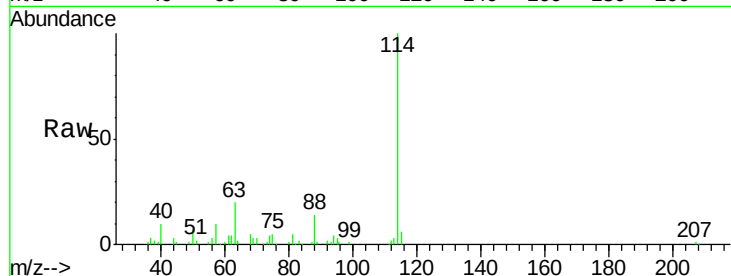
Tot Ion:114 Resp: 87261

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

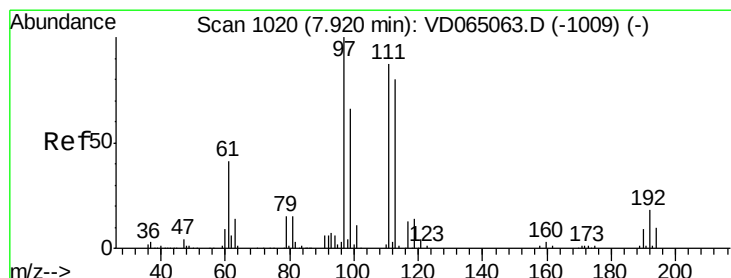
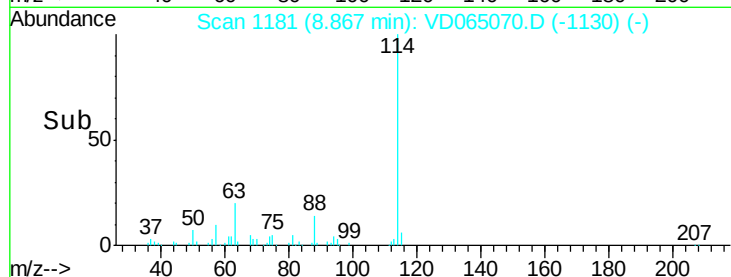
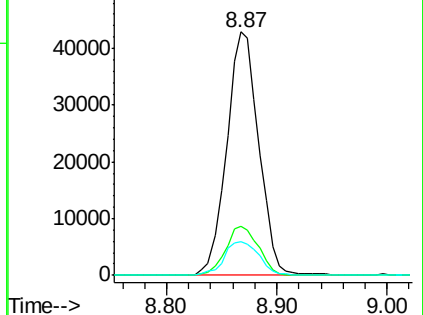
88 13.6 0.0 29.6



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: 62.137 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065070.D

Acq: 05 Feb 2020 18:10

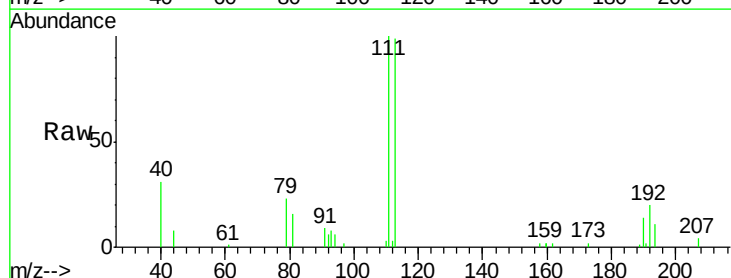
Tgt Ion:113 Resp: 30252

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

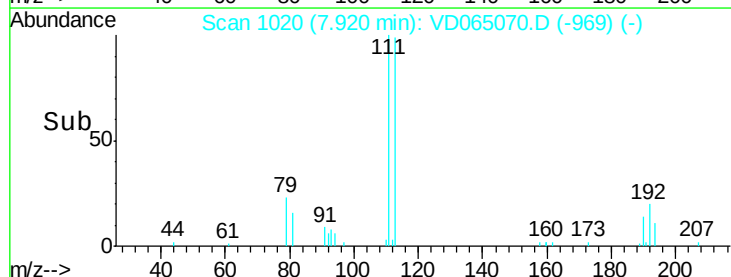
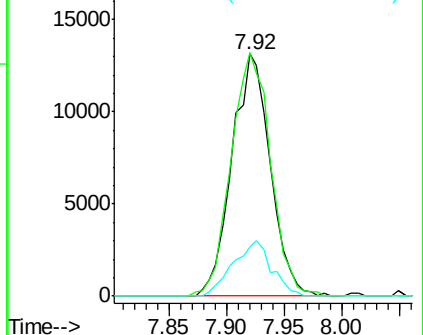
192 23.0 18.1 27.1

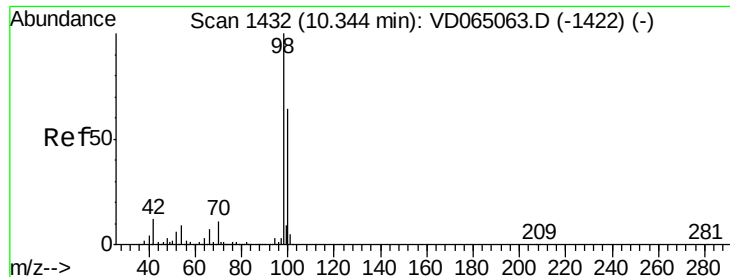


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.182 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065070.D

Acq: 05 Feb 2020 18:10

Instrument :

MSVOA_D

ClientSampleId :

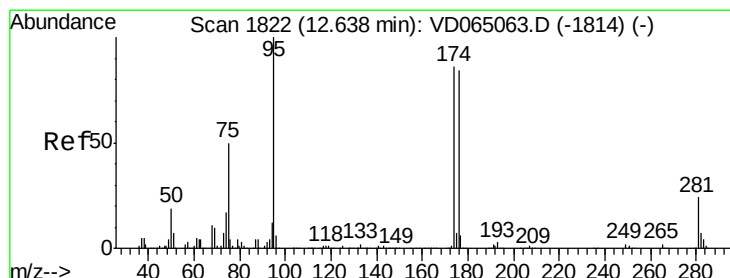
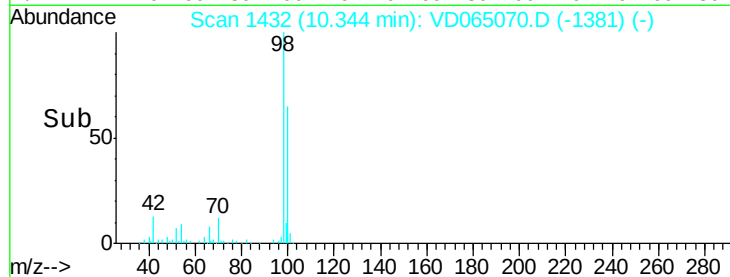
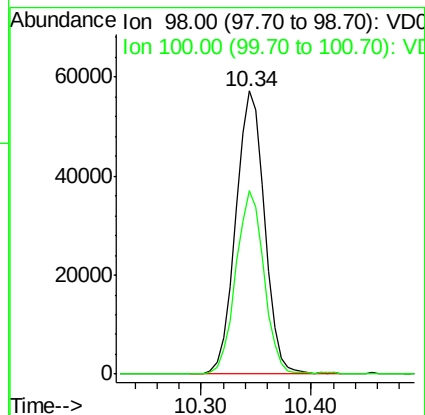
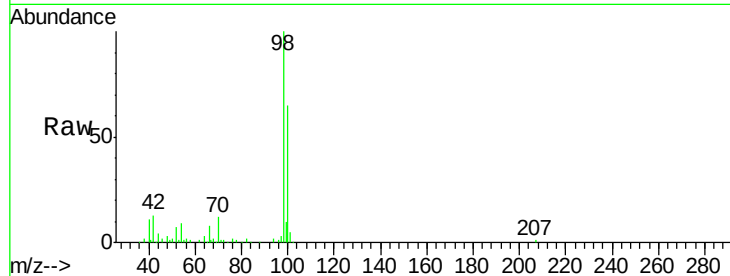
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Tot Ion: 98 Resp: 104997

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 60.868 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065070.D

Acq: 05 Feb 2020 18:10

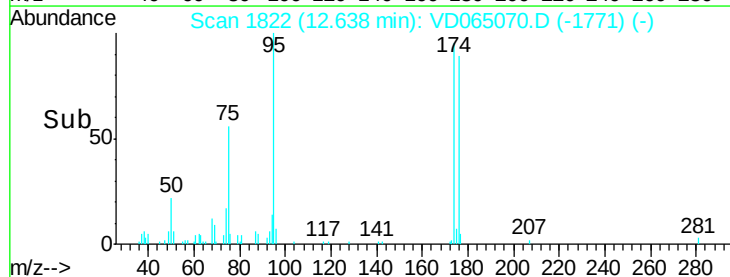
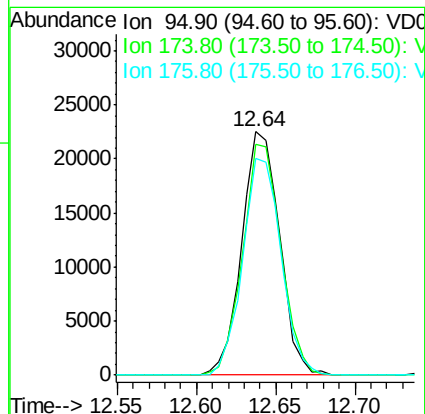
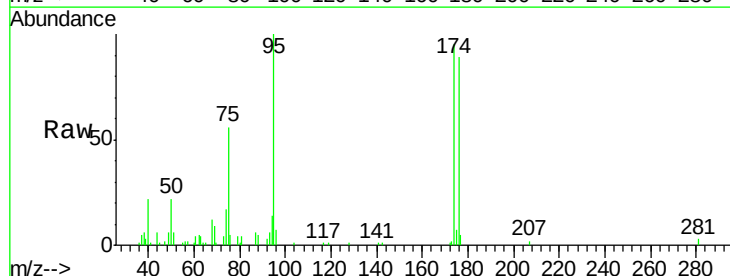
Tgt Ion: 95 Resp: 37375

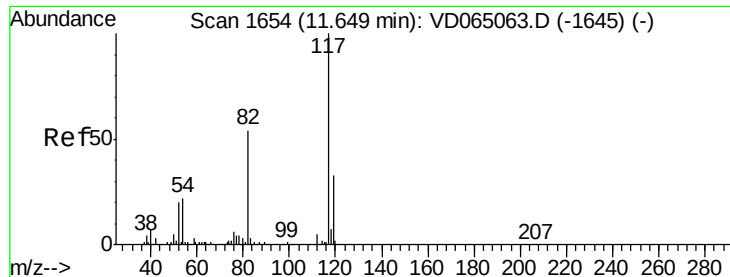
Ion Ratio Lower Upper

95 100

174 95.8 0.0 180.0

176 90.6 0.0 173.2

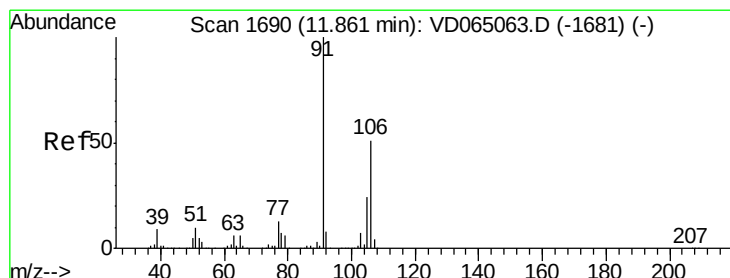
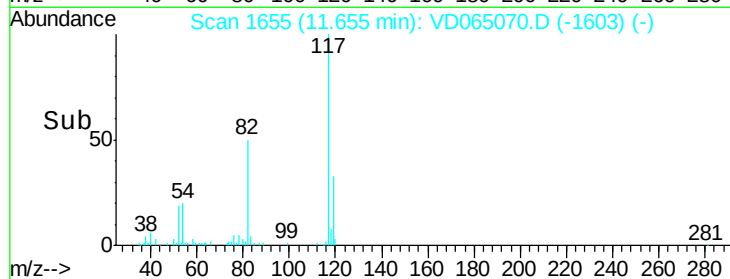
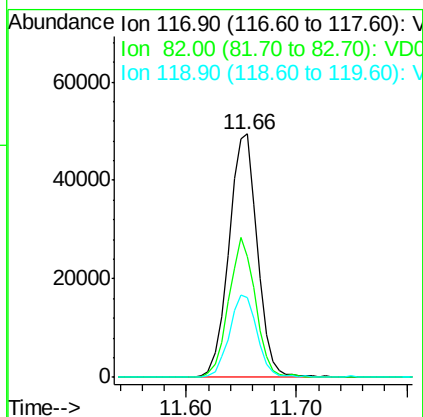
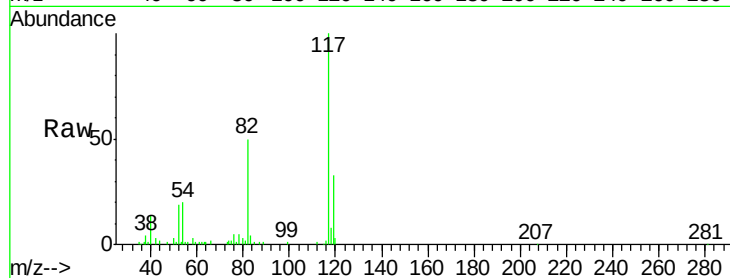




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065070.D
Acq: 05 Feb 2020 18:10

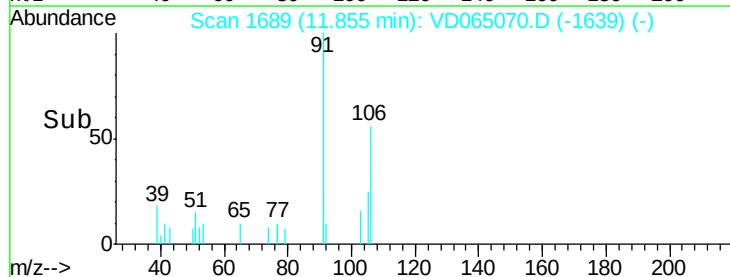
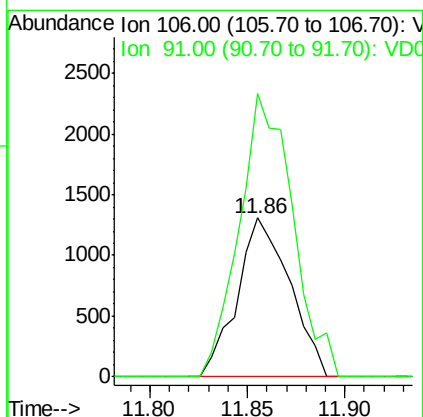
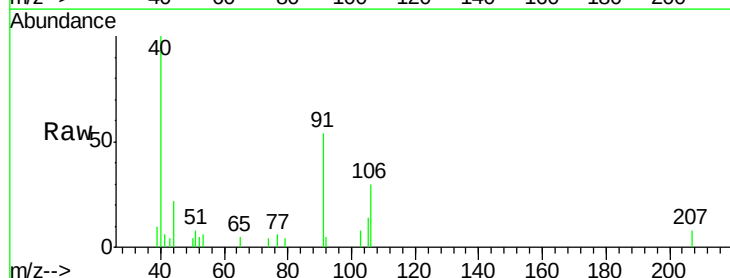
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SHORE-RD-PATH-BH-03-A

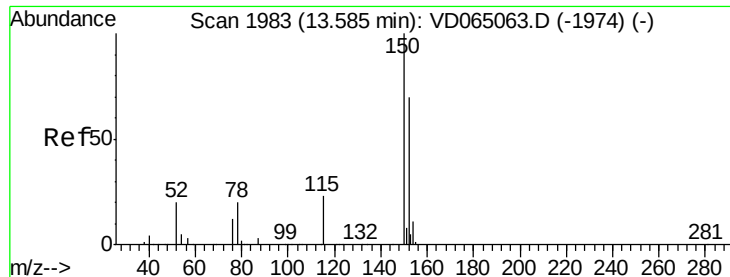
Tot Ion:117 Resp: 89417
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 32.9 26.0 39.0



#68
m/p-Xylenes
Concen: 2.027 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065070.D
Acq: 05 Feb 2020 18:10

Tgt Ion:106 Resp: 2431
Ion Ratio Lower Upper
106 100
91 181.6 158.9 238.3



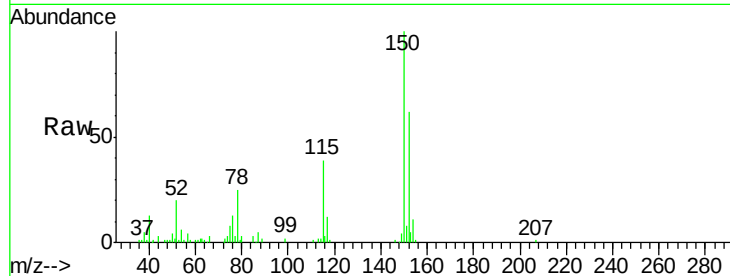


#72

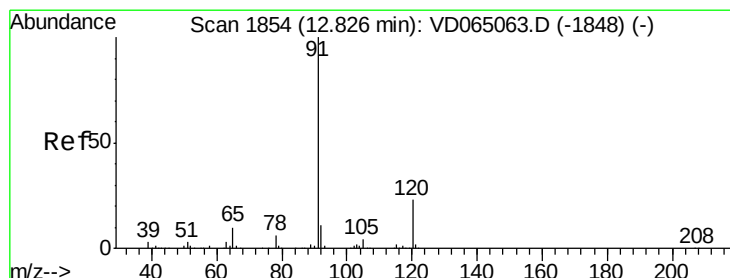
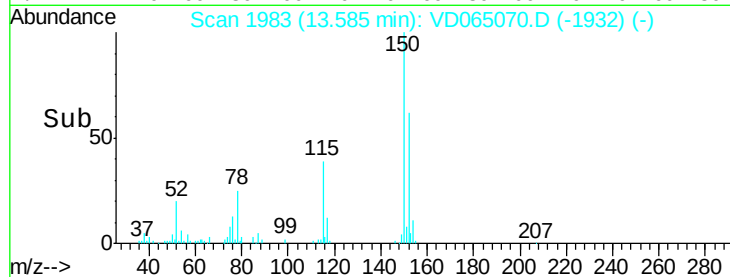
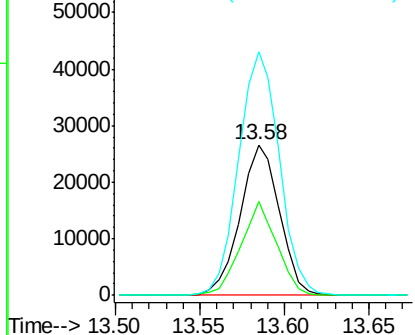
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065070.D
Acq: 05 Feb 2020 18:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.5	82.4
150	166.9	0.0	343.2



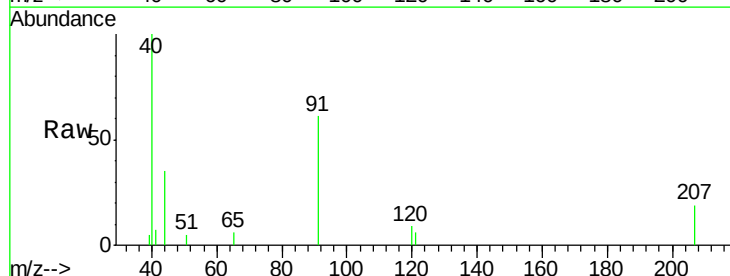
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene
Concen: 1.052 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065070.D
Acq: 05 Feb 2020 18:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.9	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.00 (119.70 to 120.70): V

