

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065098.D
 Acq On : 06 Feb 2020 20:41
 Operator : VA/SY
 Sample : L1408-03RE
 Misc : 5.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-01-ARE

Quant Time: Feb 07 07:17:37 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	68193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	105546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	118957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	61054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	49695	85.74	ug/l	0.00
Spiked Amount			Recovery	=	171.48%	
35) Dibromofluoromethane	7.91	113	42059	71.42	ug/l	0.00
Spiked Amount			Recovery	=	142.84%	
50) Toluene-d8	10.34	98	129384	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.64	95	48318	65.06	ug/l	0.00
Spiked Amount			Recovery	=	130.12%	

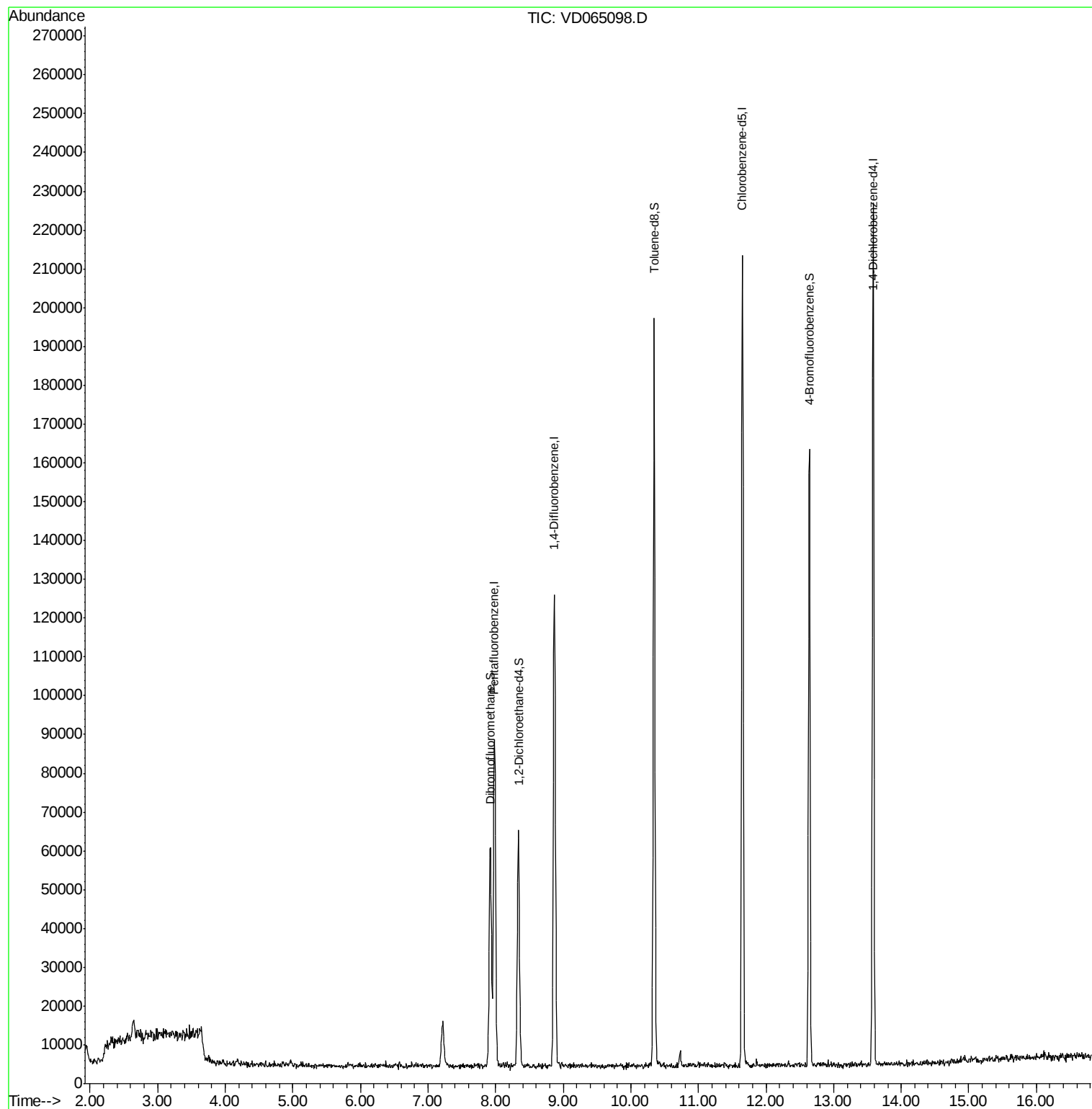
Target Compounds	Qvalue
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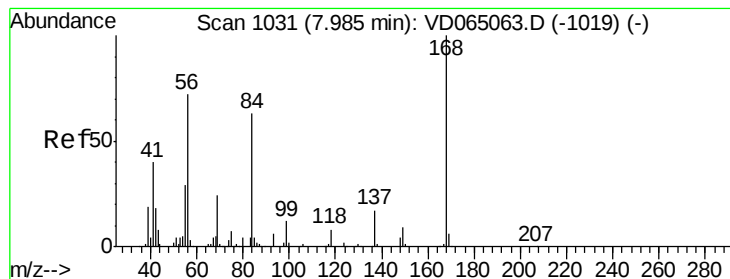
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065098.D

Acq: 06 Feb 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

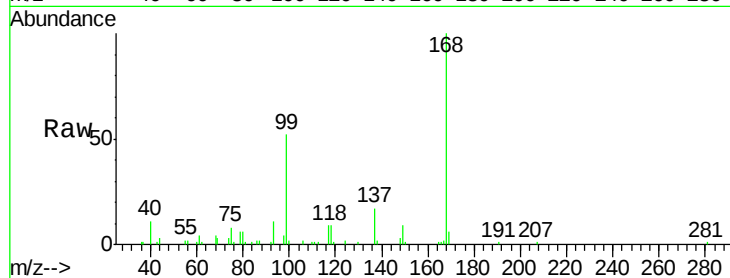
SHORE-RD-PATH-BH-01-ARE

Tot Ion:168 Resp: 68193

Ion Ratio Lower Upper

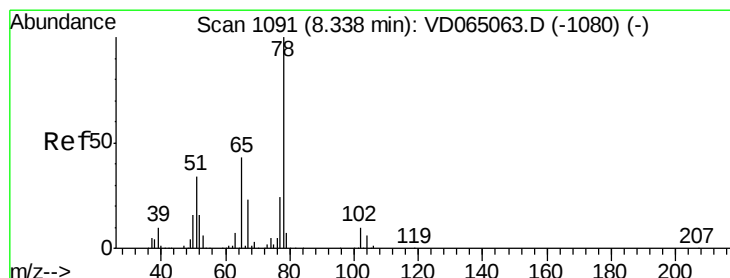
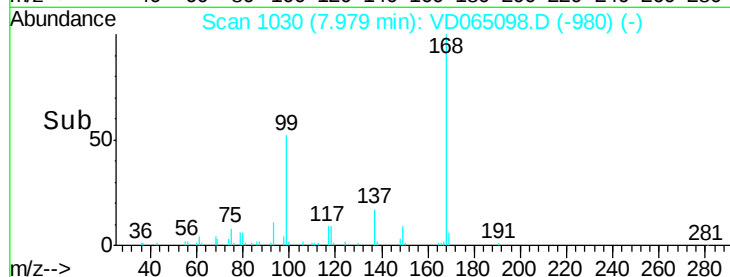
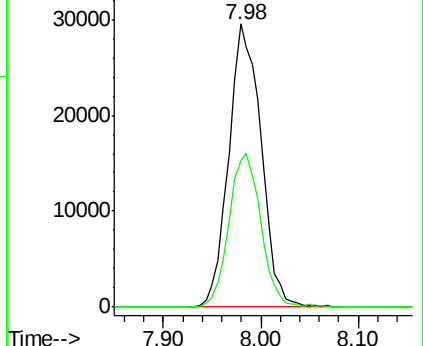
168 100

99 51.9 41.0 61.6



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: 85.743 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065098.D

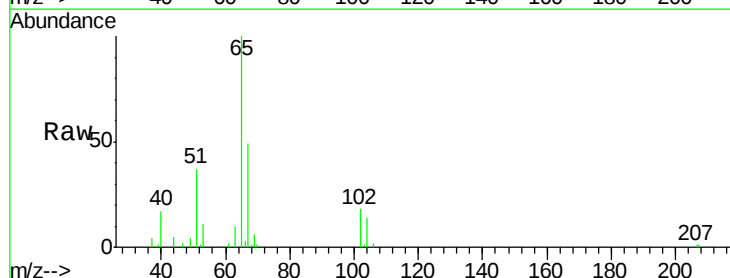
Acq: 06 Feb 2020 20:41

Tgt Ion: 65 Resp: 49695

Ion Ratio Lower Upper

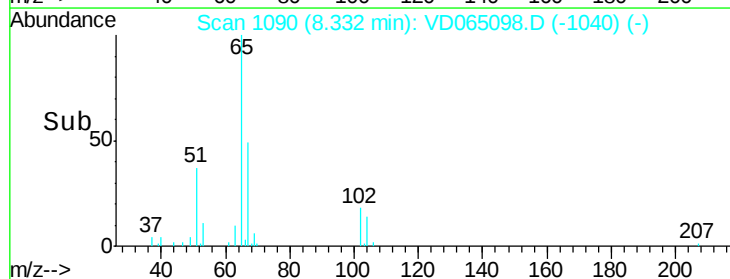
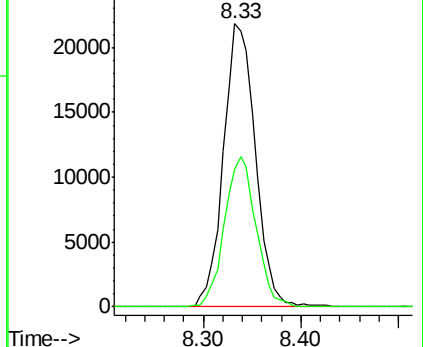
65 100

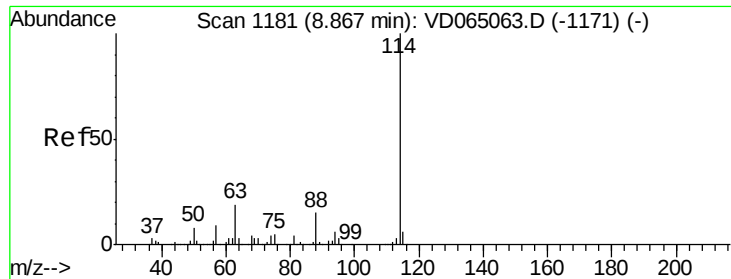
67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

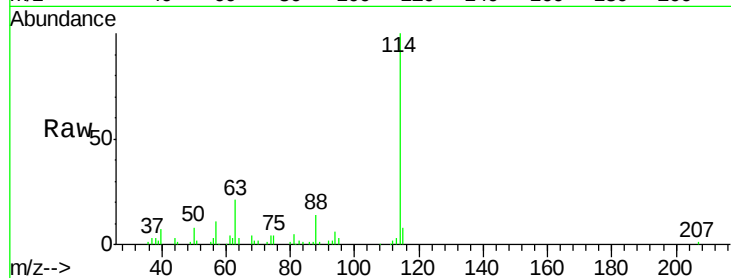




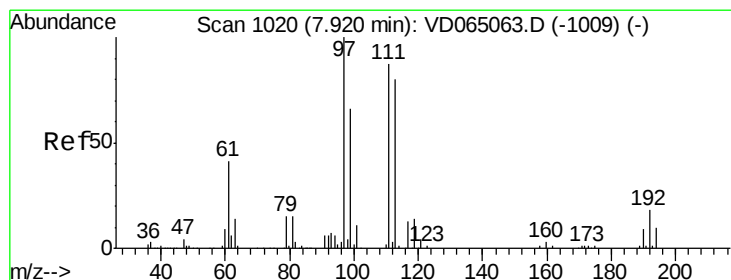
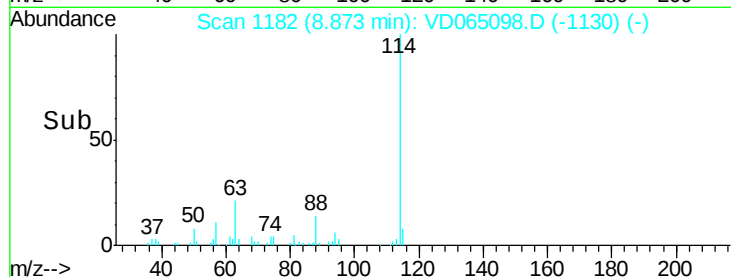
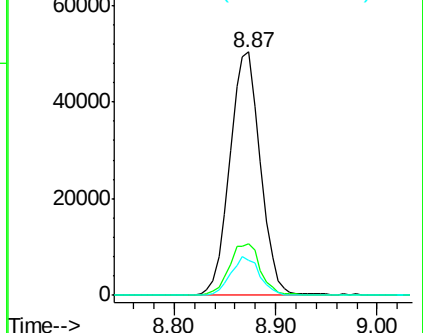
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065098.D
 Acq: 06 Feb 2020 20:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-01-ARE

Tot Ion:114 Resp: 105546
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.8
 88 14.4 0.0 29.6

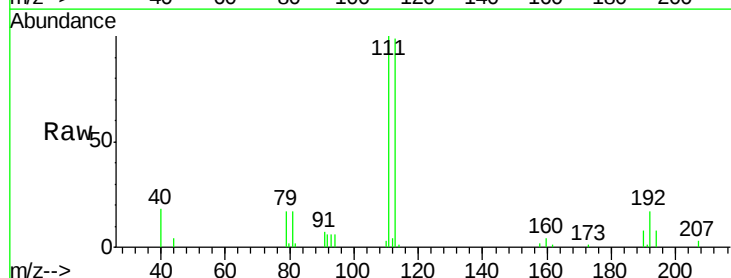


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

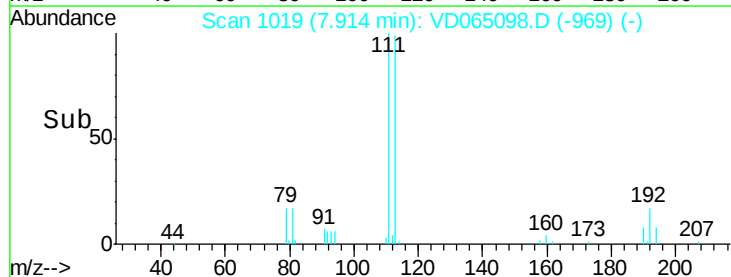
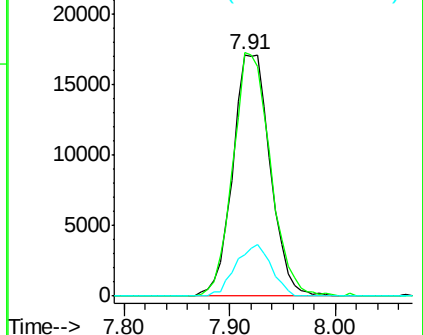


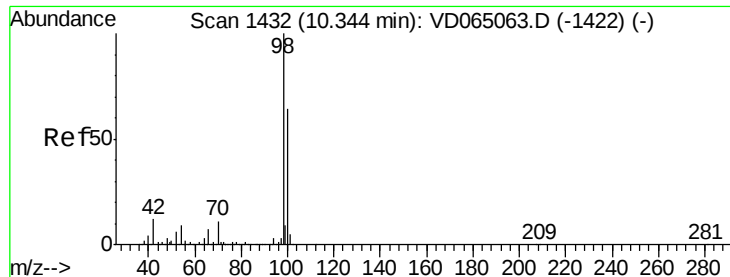
#35
 Dibromofluoromethane
 Concen: 71.422 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065098.D
 Acq: 06 Feb 2020 20:41

Tgt Ion:113 Resp: 42059
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.1 124.7
 192 20.4 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: 55.200 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065098.D

Acq: 06 Feb 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

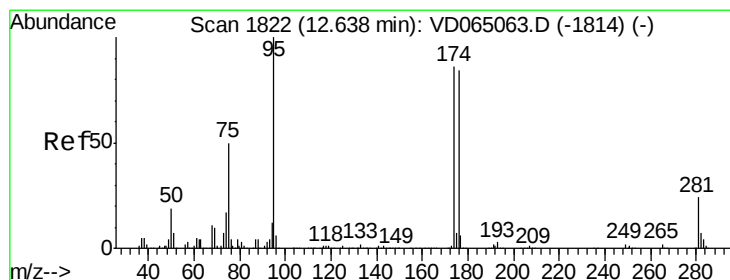
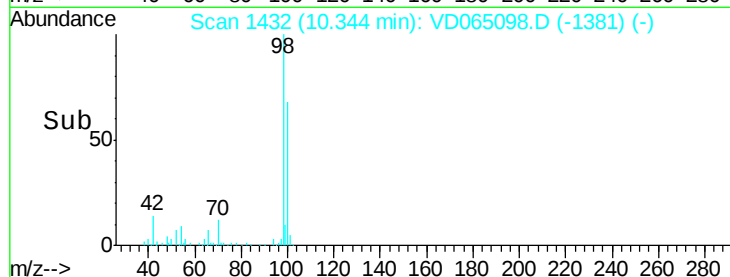
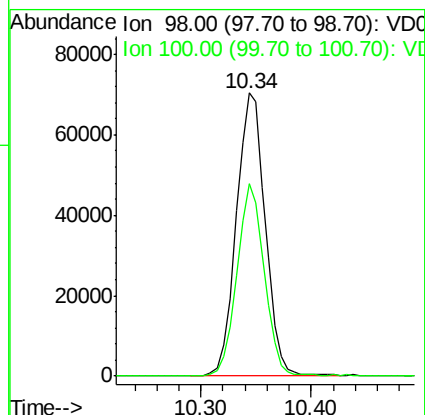
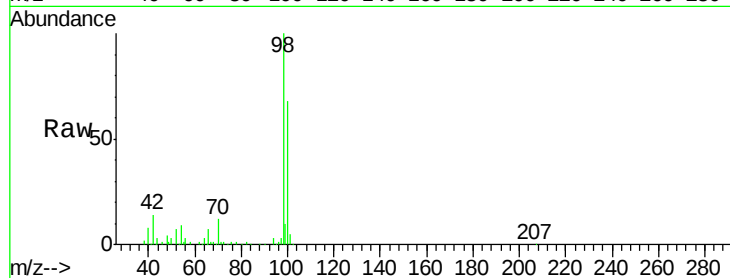
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Tot Ion: 98 Resp: 129384

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 65.057 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065098.D

Acq: 06 Feb 2020 20:41

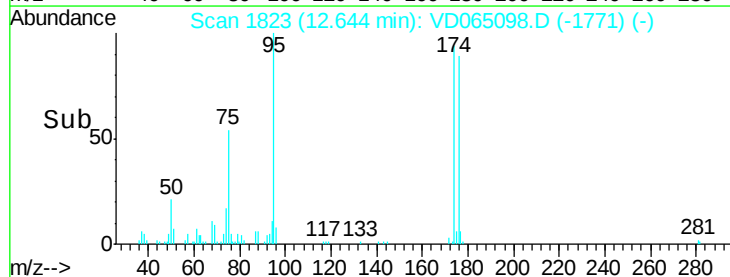
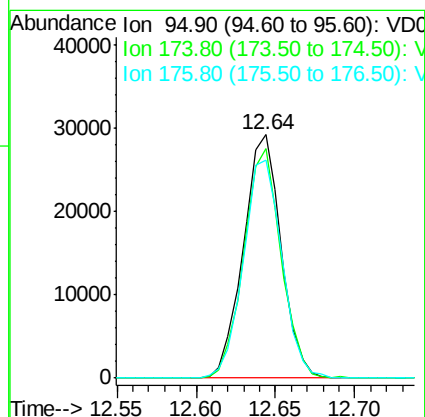
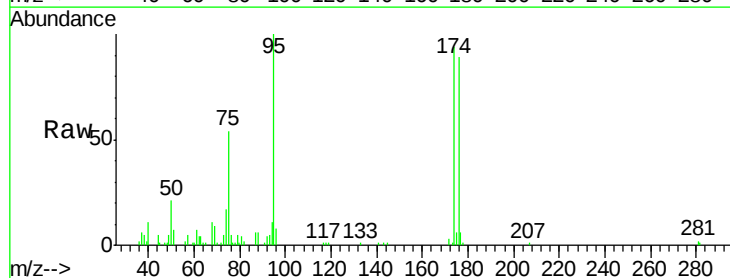
Tgt Ion: 95 Resp: 48318

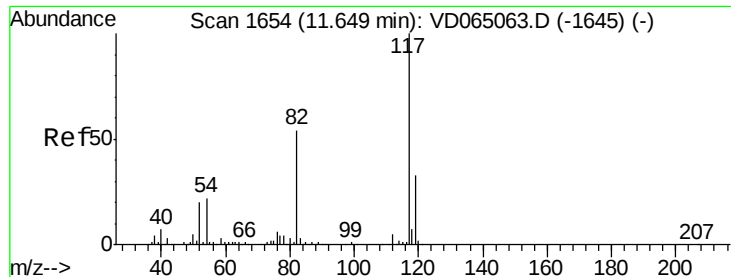
Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.0

176 91.6 0.0 173.2

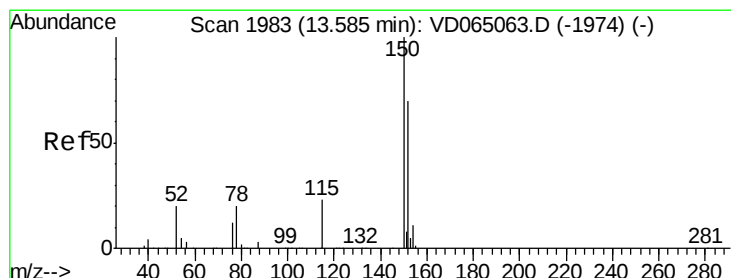
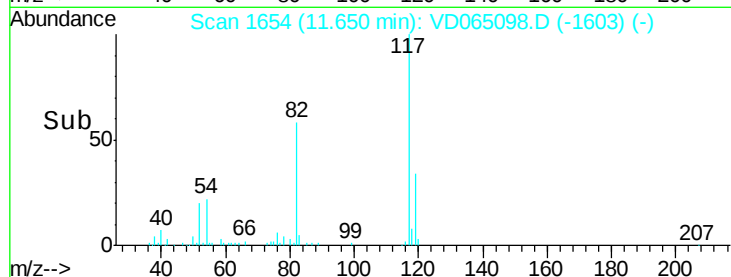
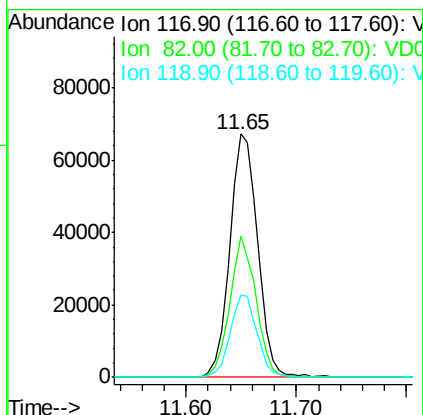
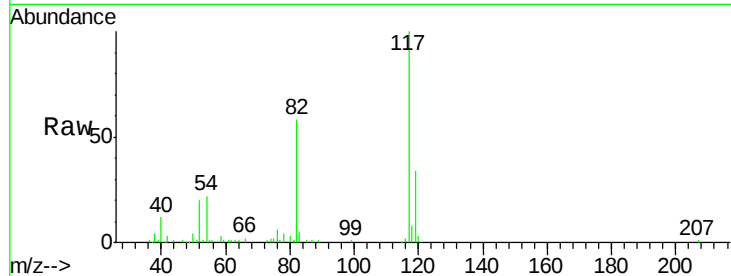




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065098.D
Acq: 06 Feb 2020 20:41

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-PATH-BH-01-ARE

Tot Ion:117 Resp: 118957
Ion Ratio Lower Upper
117 100
82 57.9 43.1 64.7
119 33.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065098.D
Acq: 06 Feb 2020 20:41

Tgt Ion:152 Resp: 61054
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.4
150 152.9 0.0 343.2

