

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065085.D
 Acq On : 06 Feb 2020 14:27
 Operator : VA/SY
 Sample : L1394-02
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WPNB-2-(0.0-6.0)

Quant Time: Feb 07 06:33:23 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	7.99	168	509925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	829895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227431	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.92	113	251525	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	1016592	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.64	95	351484	60.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.38%	

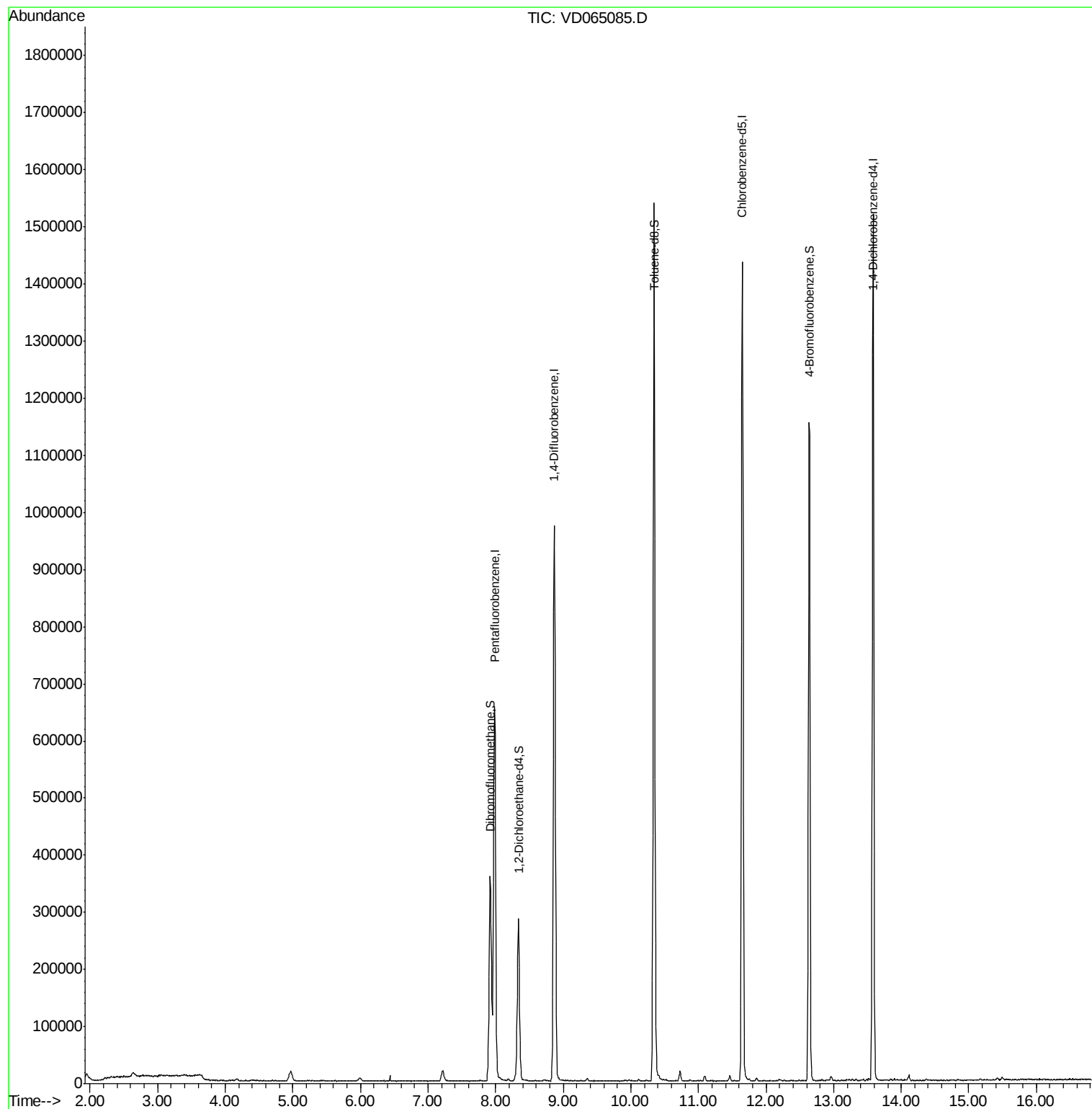
Target Compounds	Qvalue

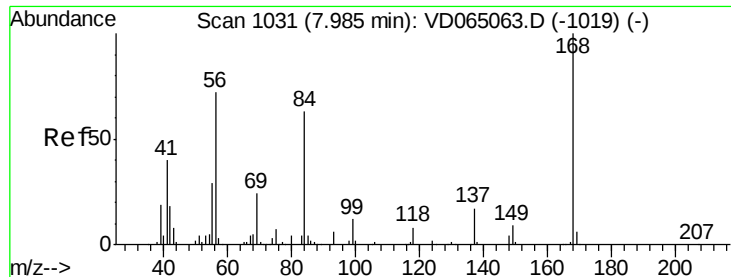
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

Instrument :

MSVOA_D

ClientSampleId :

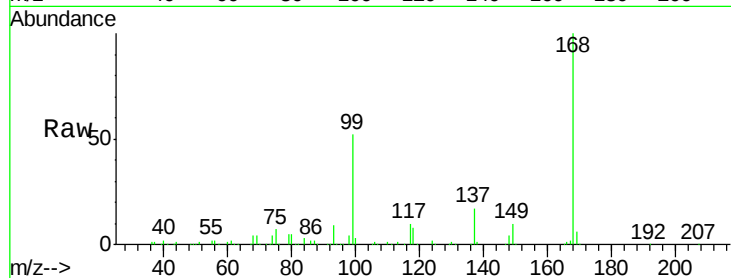
WPNB-2-(0.0-6.0)

Tot Ion:168 Resp: 509925

Ion Ratio Lower Upper

168 100

99 51.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

150000

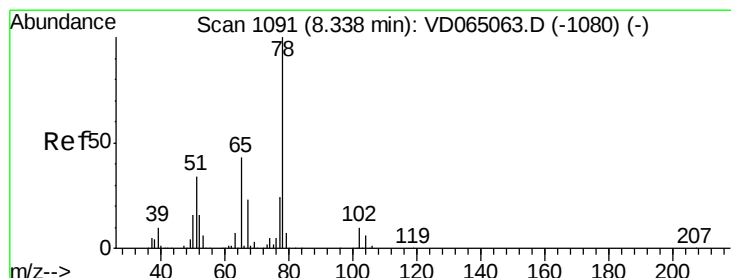
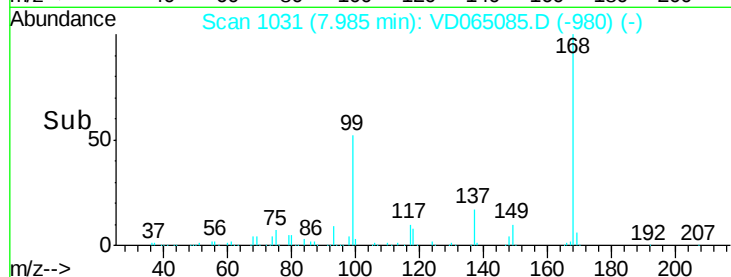
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065085.D

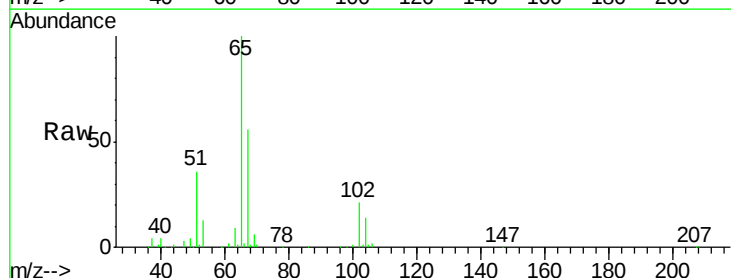
Acq: 06 Feb 2020 14:27

Tgt Ion: 65 Resp: 227431

Ion Ratio Lower Upper

65 100

67 52.1 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

120000

100000

80000

60000

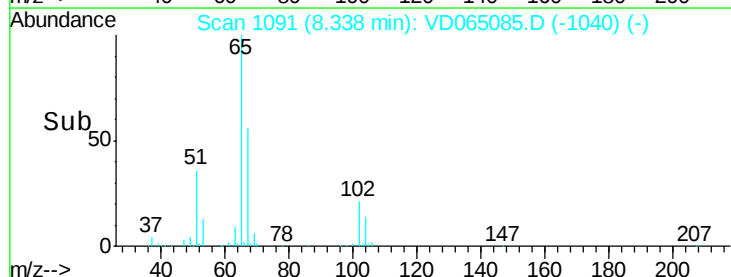
40000

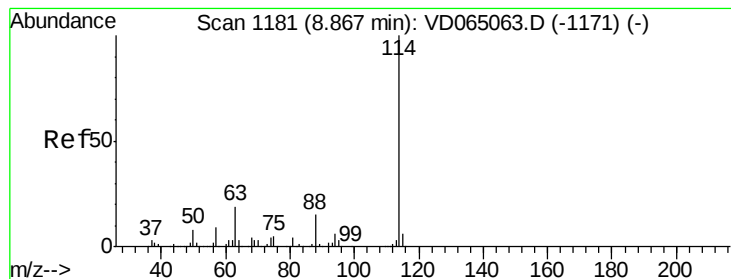
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

Instrument :

MSVOA_D

ClientSampleId :

WPNB-2-(0.0-6.0)

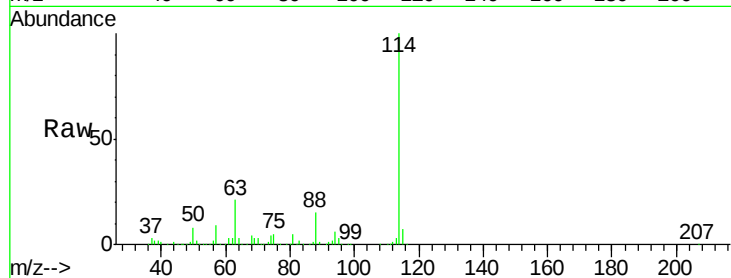
Tot Ion:114 Resp: 829895

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

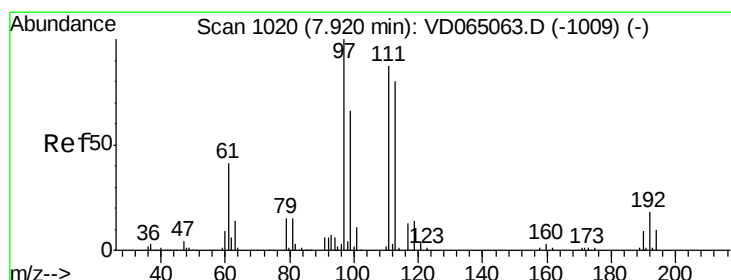
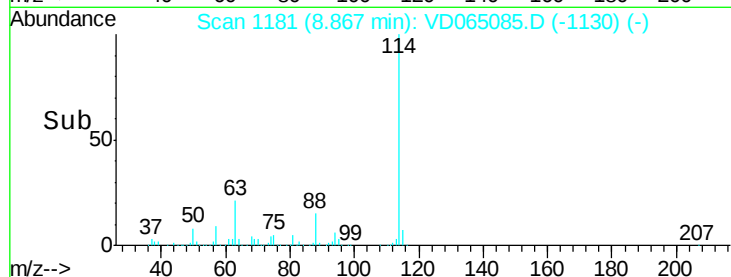
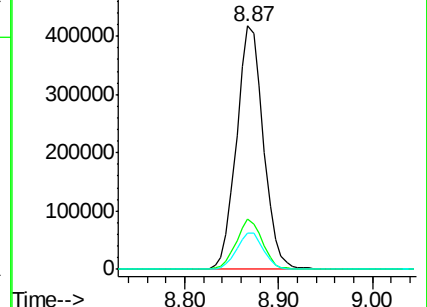
88 15.0 0.0 29.6



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: 54.322 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

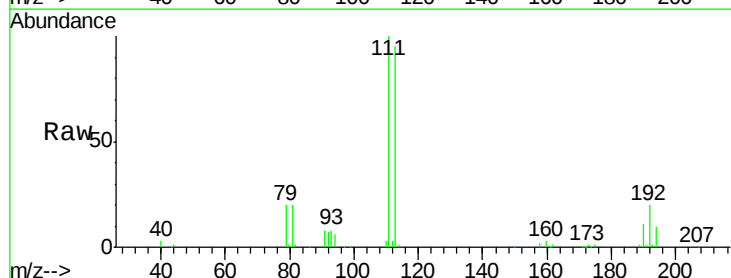
Tgt Ion:113 Resp: 251525

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

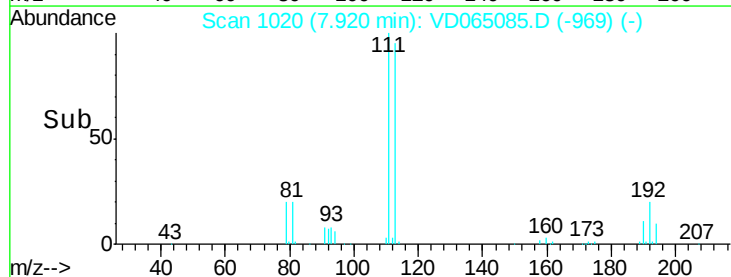
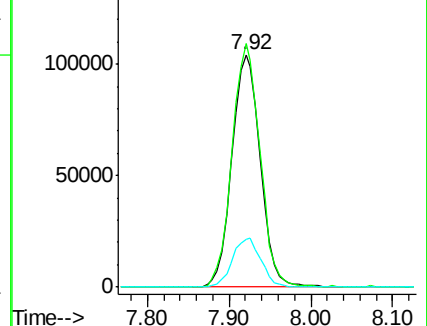
192 21.2 18.1 27.1

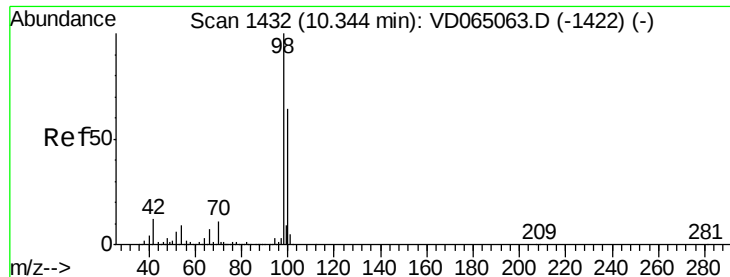


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

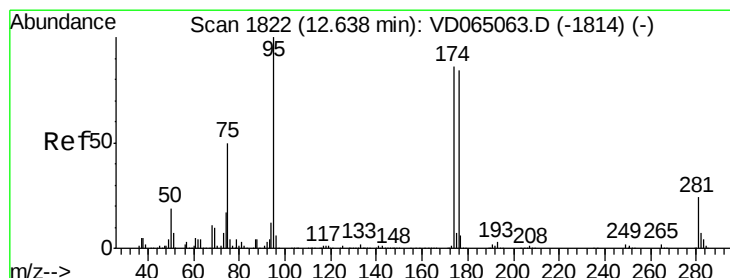
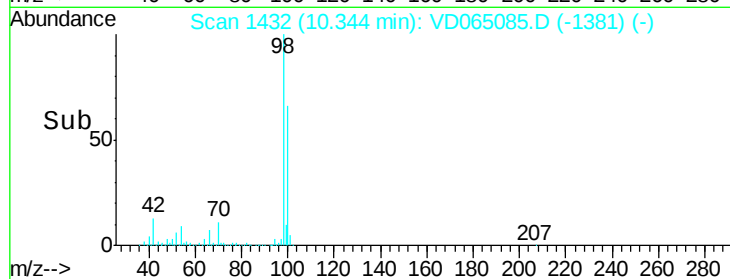
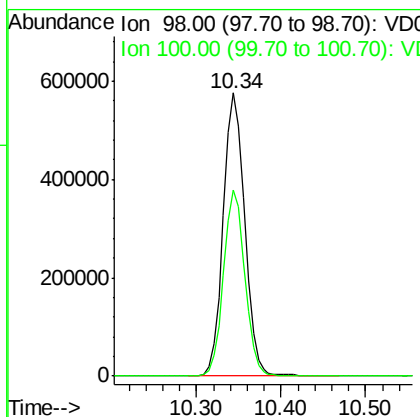
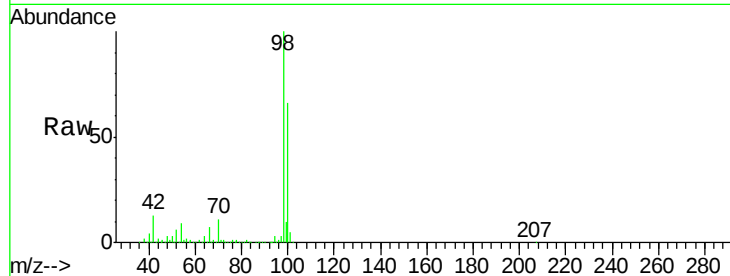




#50
Toluene-d8
Concen: 55.160 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

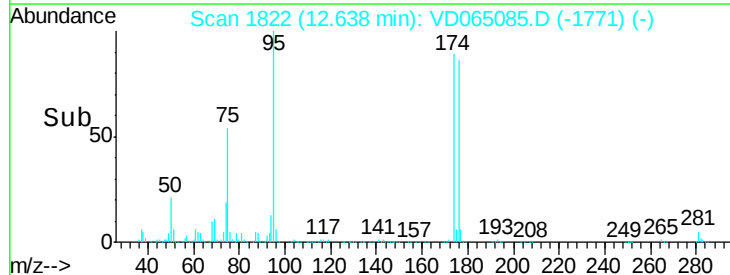
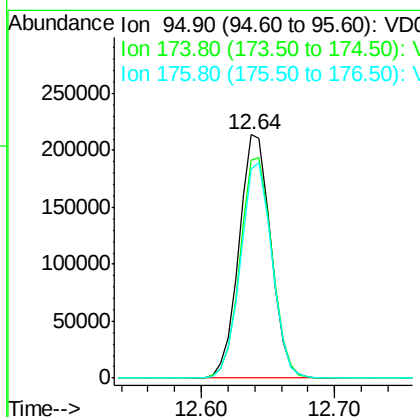
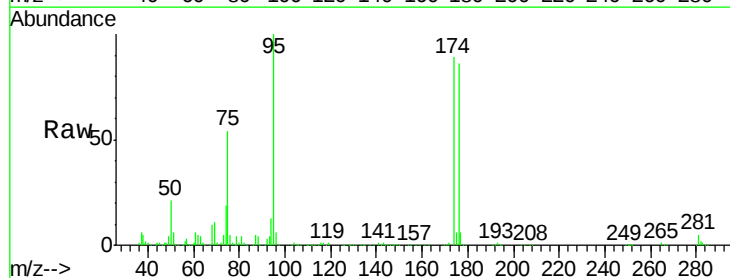
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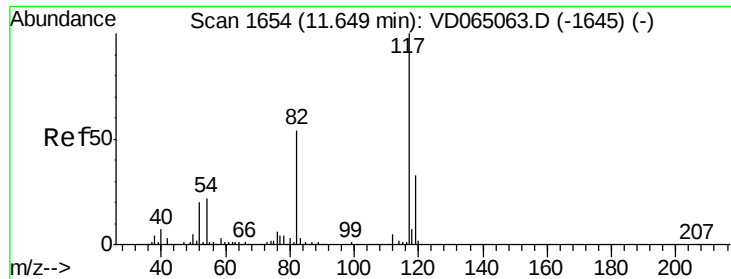
Tot Ion: 98 Resp: 1016592
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 60.188 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion: 95 Resp: 351484
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.0
176 87.2 0.0 173.2

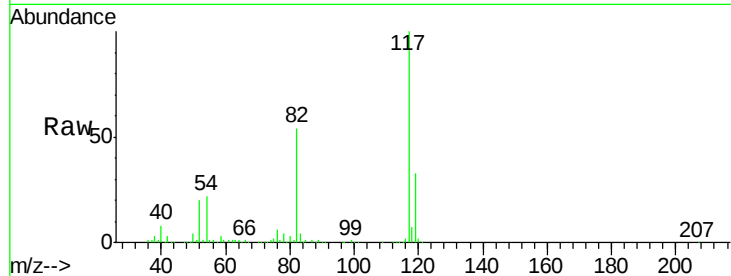




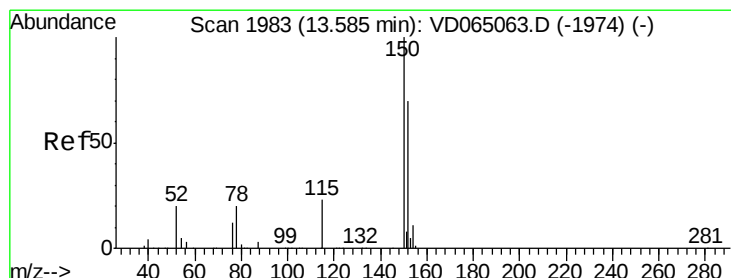
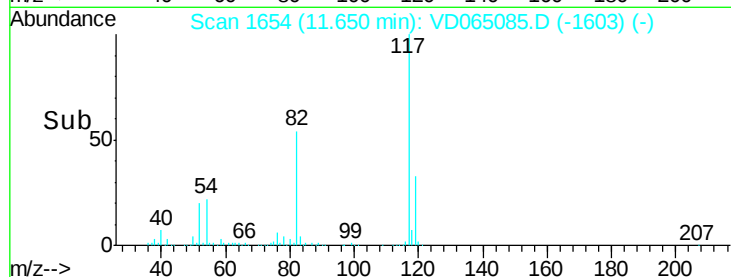
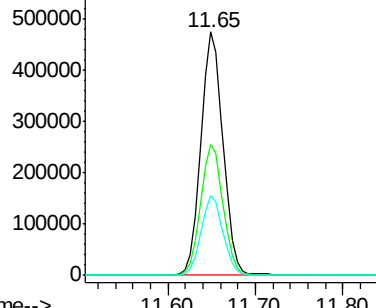
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Instrument :
MSVOA_D
ClientSampleId :
WPNB-2-(0.0-6.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.1	64.7
119	32.6	26.0	39.0

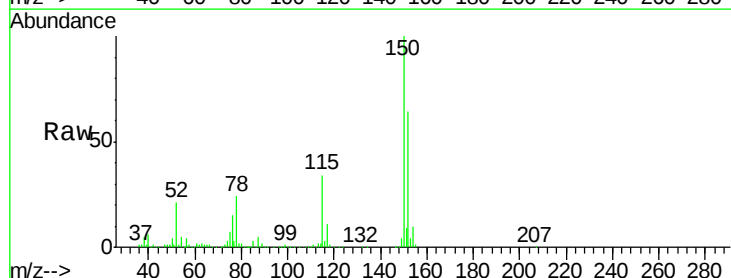


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	156.0	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

