

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065147.D
 Acq On : 11 Feb 2020 16:37
 Operator : VA/SY
 Sample : L1491-02
 Misc : 8.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1E-(7.5-9.5)

Quant Time: Feb 12 07:22:10 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	481164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	793109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	827499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	215689	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	7.91	113	240895	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
50) Toluene-d8	10.34	98	982707	55.79	ug/l	0.00
Spiked Amount			Recovery	=	111.58%	
62) 4-Bromofluorobenzene	12.64	95	370263	66.34	ug/l	0.00
Spiked Amount			Recovery	=	132.68%	

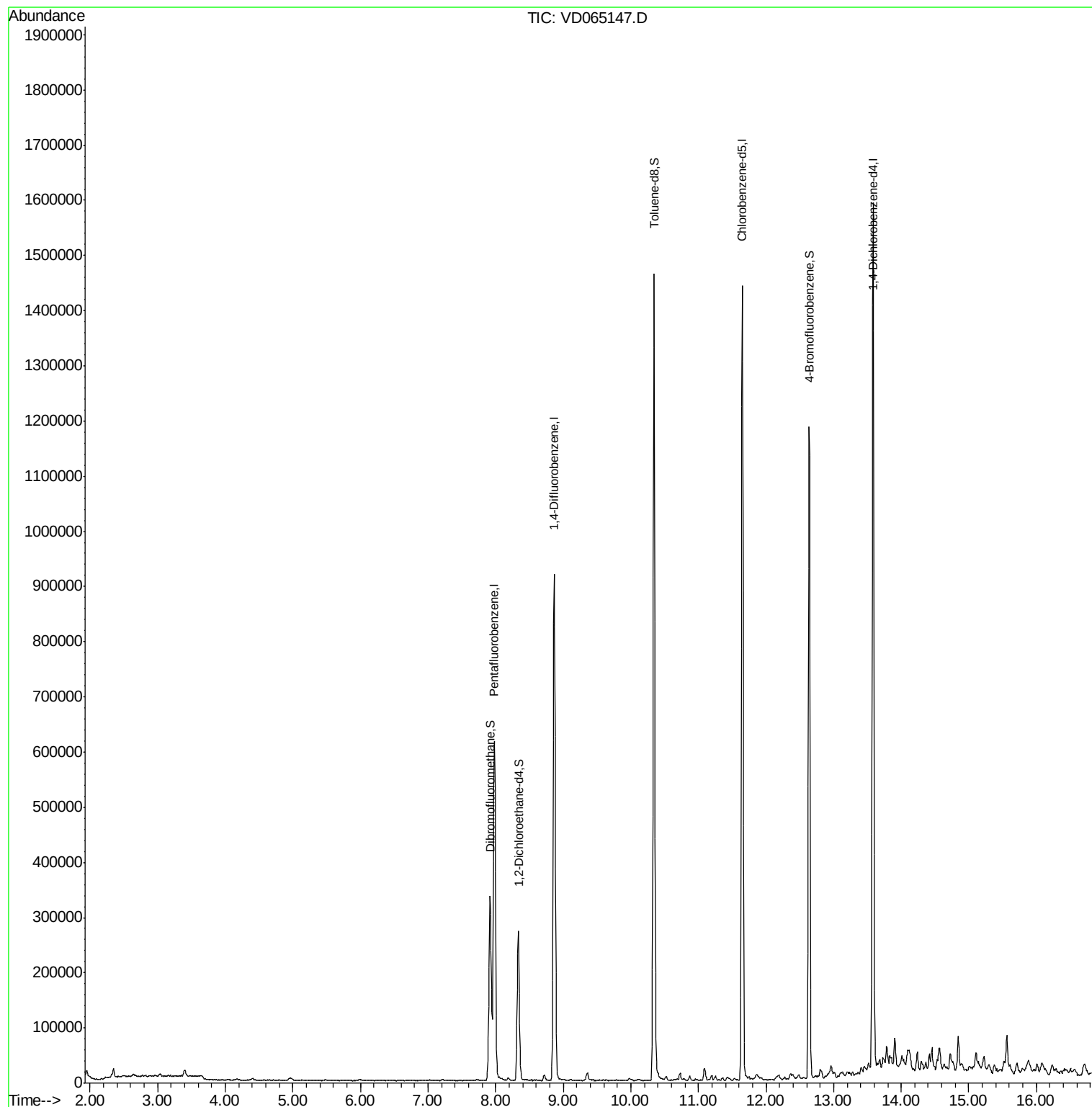
Target Compounds	Qvalue
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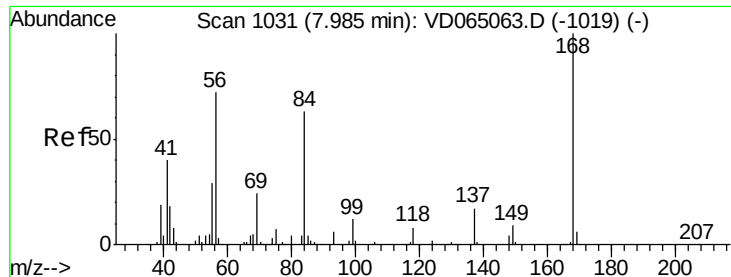
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065147.D

Acq: 11 Feb 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

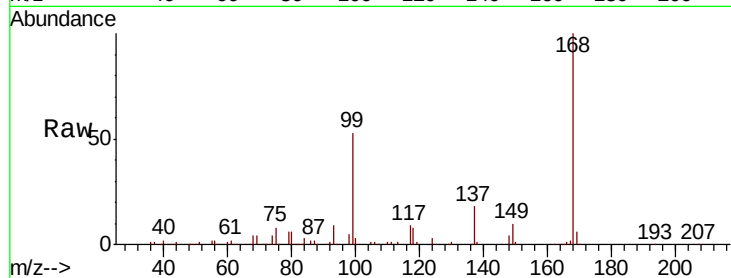
SB-1E-(7.5-9.5)

Tot Ion:168 Resp: 481164

Ion Ratio Lower Upper

168 100

99 53.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

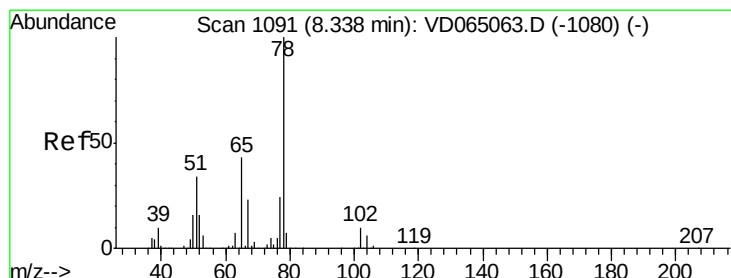
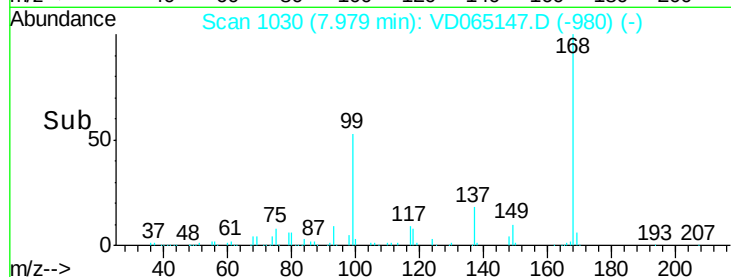
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.742 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065147.D

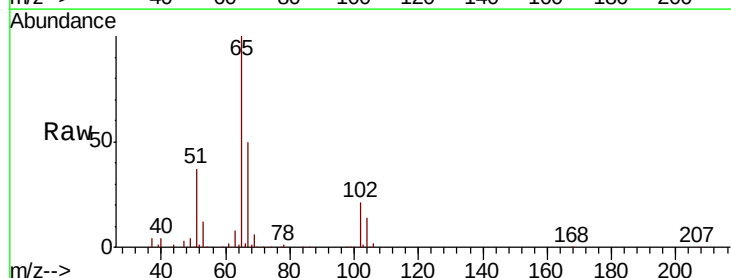
Acq: 11 Feb 2020 16:37

Tgt Ion: 65 Resp: 215689

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

100000

80000

60000

40000

20000

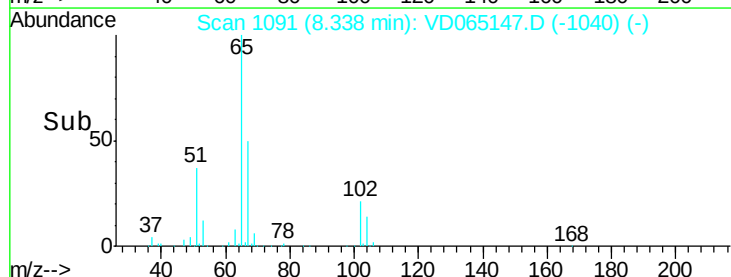
0

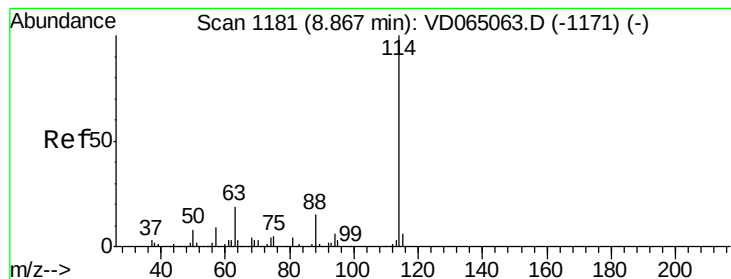
8.20

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: VD065147.D

Acq: 11 Feb 2020 16:37

Instrument :

MSVOA_D

ClientSampleId :

SB-1E-(7.5-9.5)

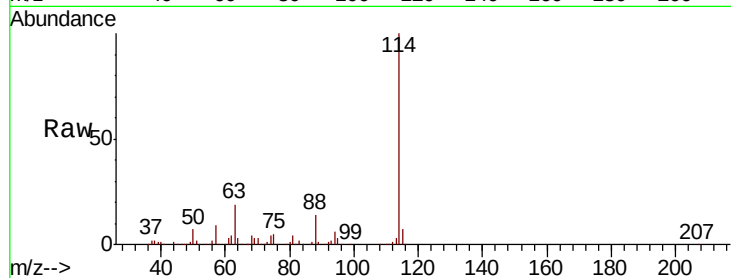
Tot Ion:114 Resp: 793109

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

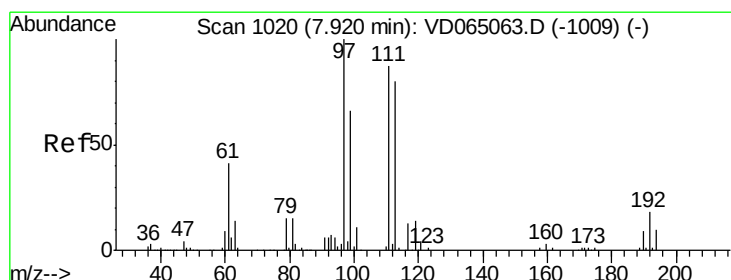
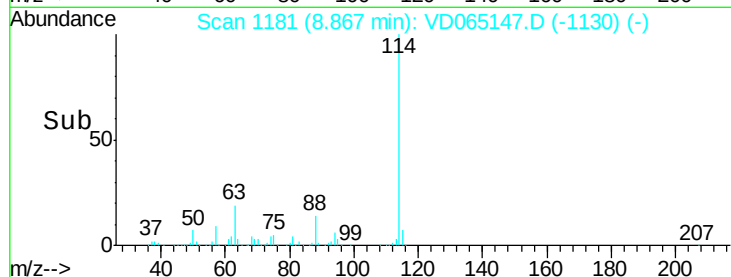
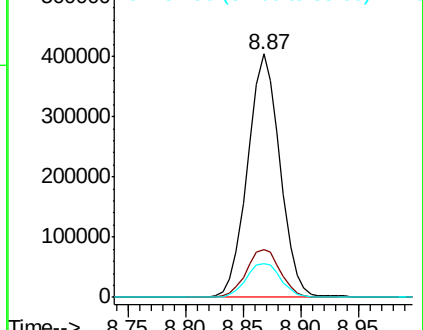
88 13.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 54.439 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065147.D

Acq: 11 Feb 2020 16:37

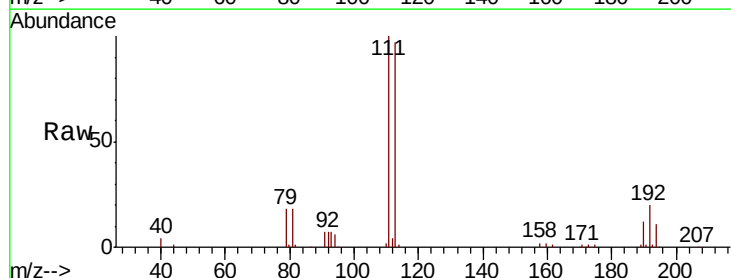
Tgt Ion:113 Resp: 240895

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

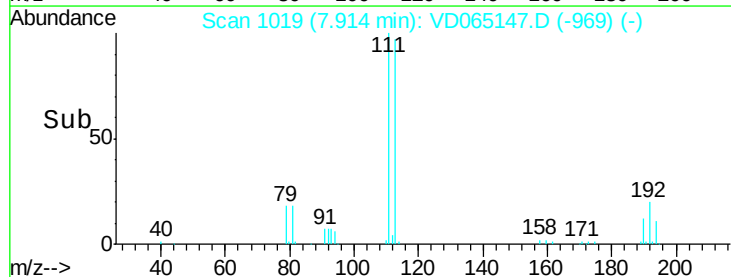
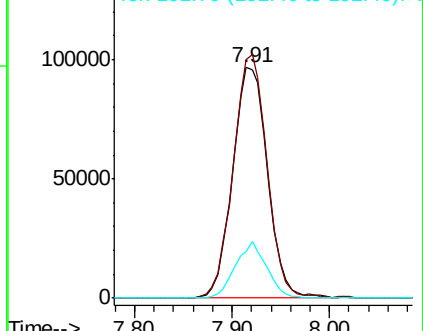
192 22.0 18.1 27.1

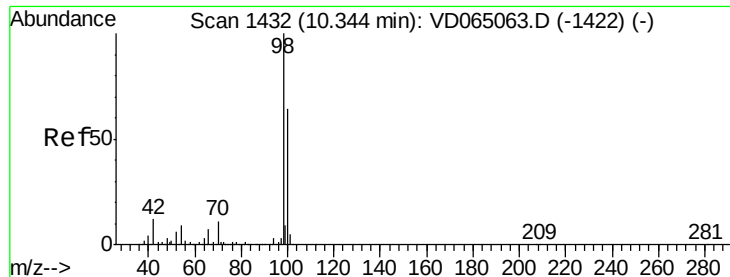


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

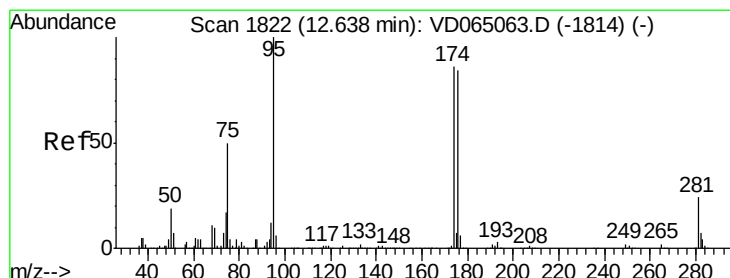
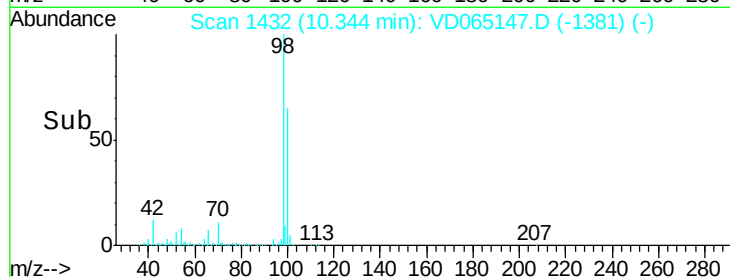
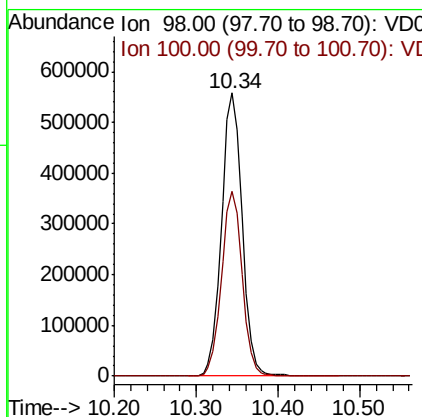
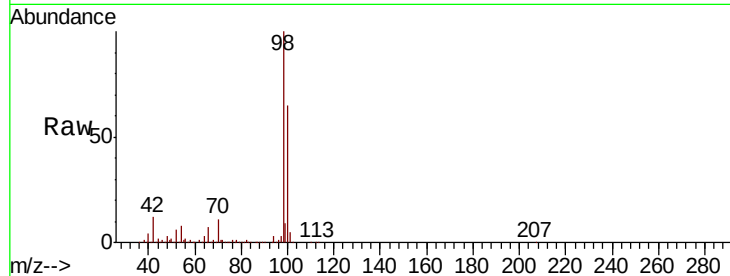




#50
Toluene-d8
Concen: 55.794 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065147.D
Acq: 11 Feb 2020 16:37

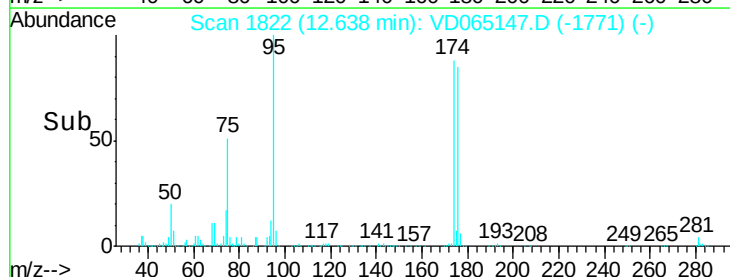
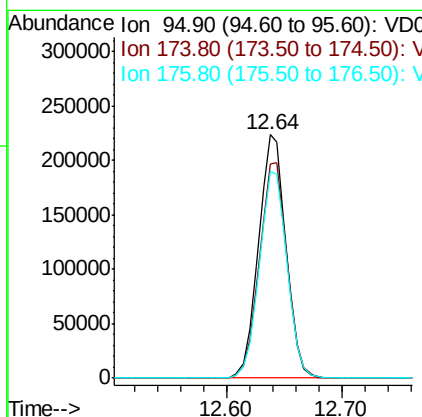
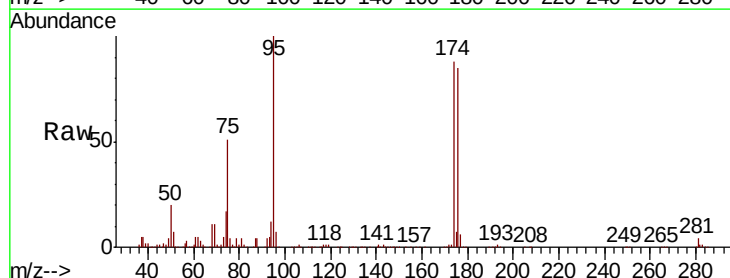
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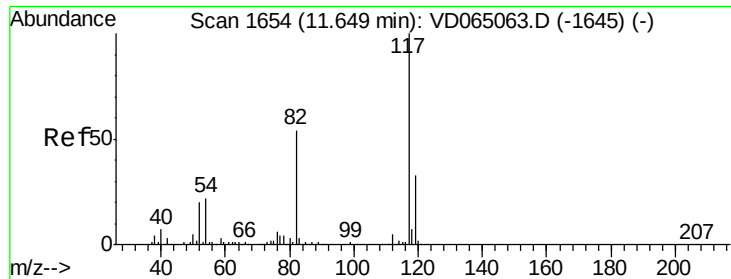
Tot Ion: 98 Resp: 982707
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 66.345 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065147.D
Acq: 11 Feb 2020 16:37

Tgt Ion: 95 Resp: 370263
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.0
176 86.1 0.0 173.2

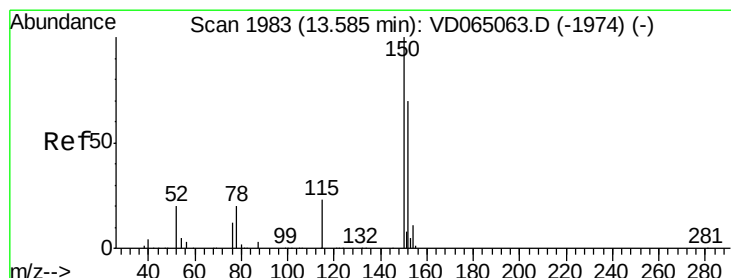
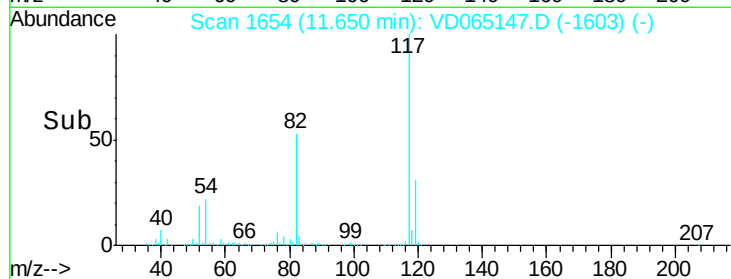
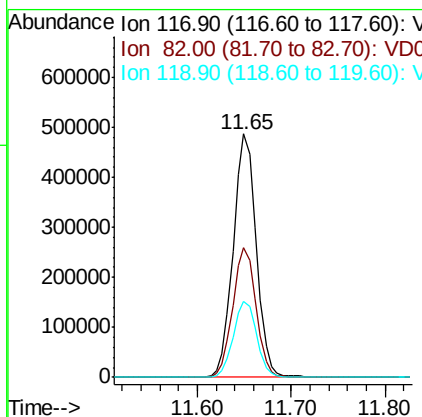
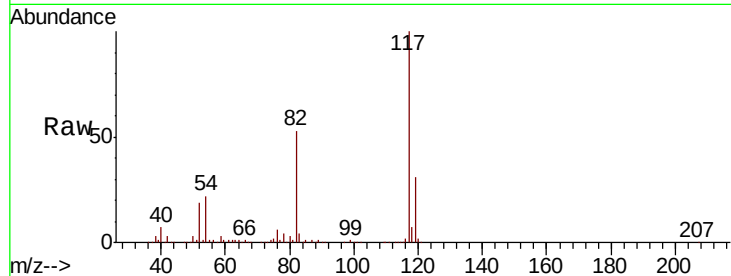




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065147.D
Acq: 11 Feb 2020 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-1E-(7.5-9.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.1	64.7
119	31.0	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: VD065147.D
Acq: 11 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.5	82.4
150	159.8	0.0	343.2

