

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065135.D
 Acq On : 10 Feb 2020 16:16
 Operator : VA/SY
 Sample : L1403-09
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9-11-11.5

Quant Time: Feb 11 08:30:56 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	446049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	731025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	780889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394583	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	225168	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
35) Dibromofluoromethane	7.93	113	231953	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
50) Toluene-d8	10.34	98	904673	55.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.64	95	338089	65.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.44%	

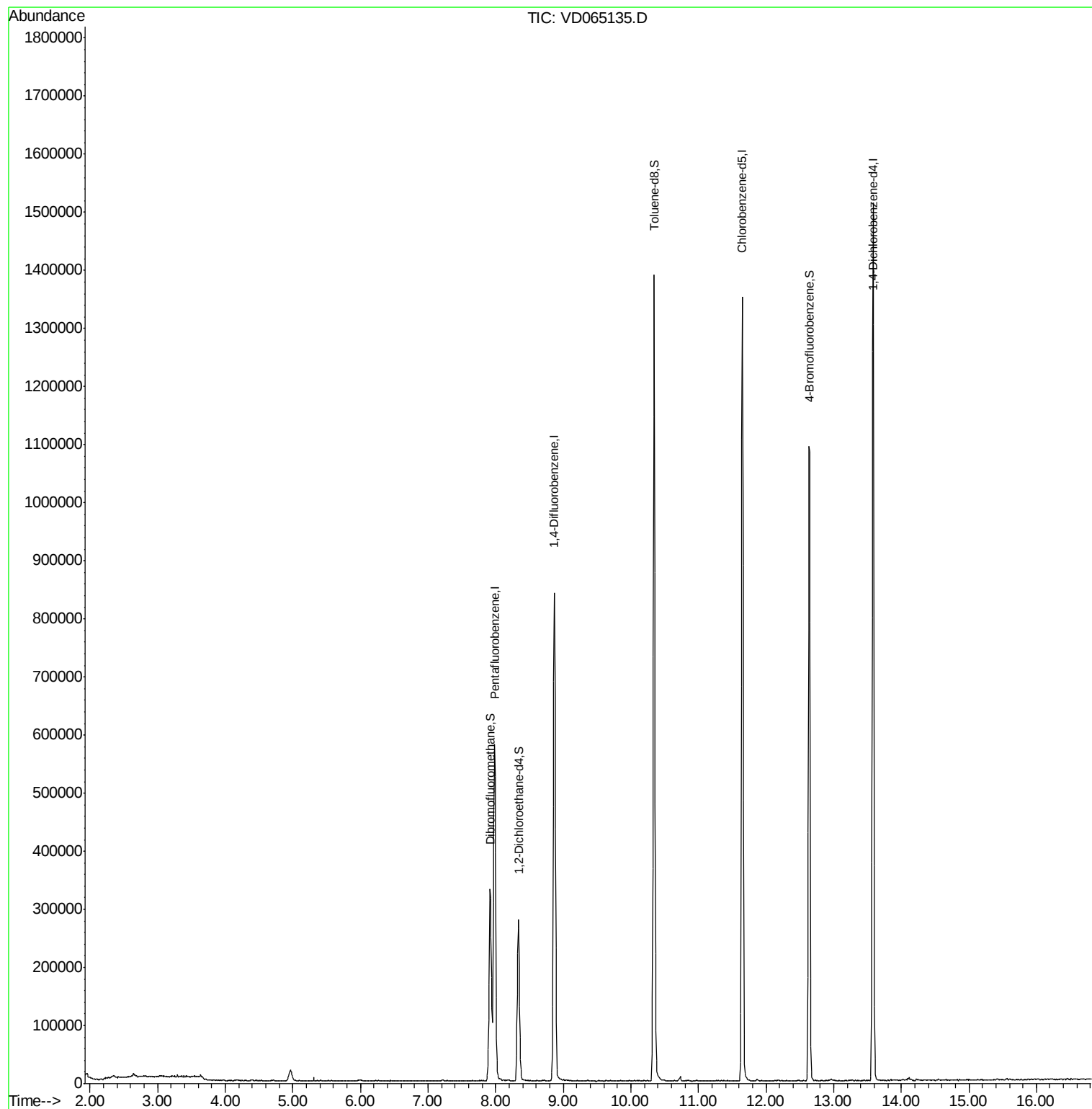
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

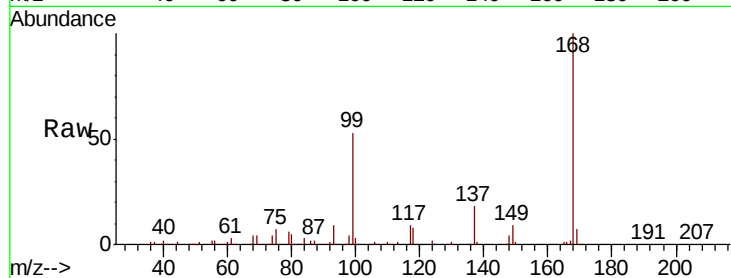
SB-9-11-11.5

Tot Ion:168 Resp: 446049

Ion Ratio Lower Upper

168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

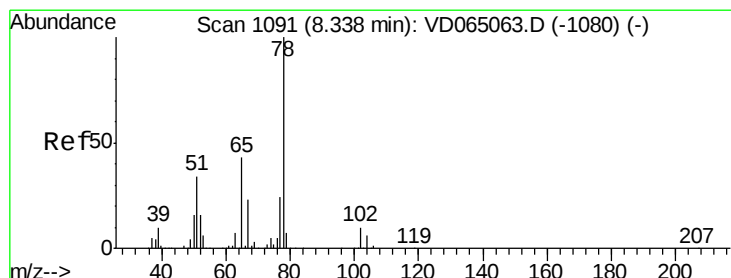
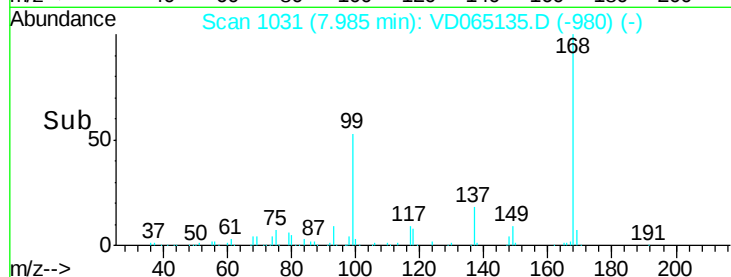
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.395 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065135.D

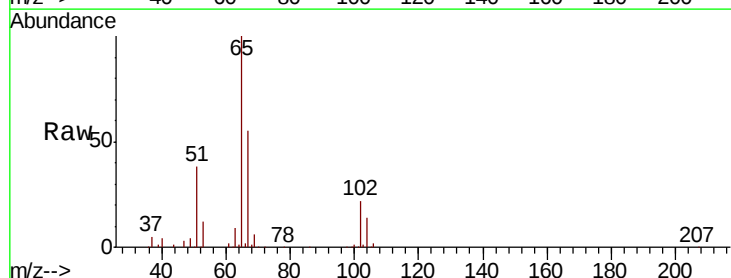
Acq: 10 Feb 2020 16:16

Tgt Ion: 65 Resp: 225168

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

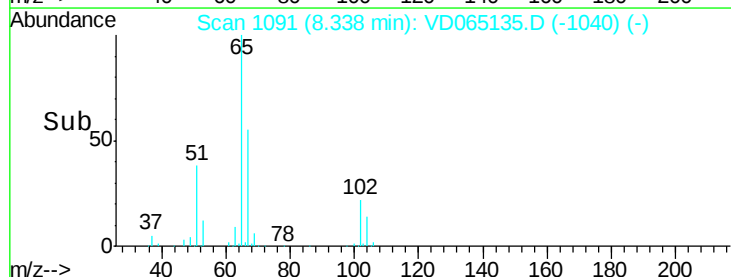
60000

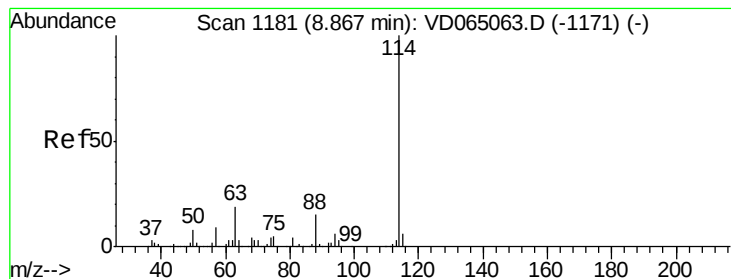
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

Instrument :

MSVOA_D

ClientSampleId :

SB-9-11-11.5

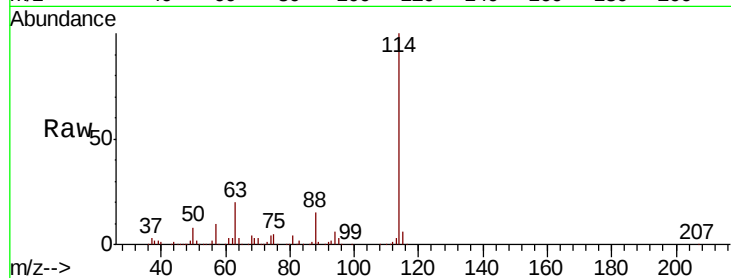
Tot Ion:114 Resp: 731025

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

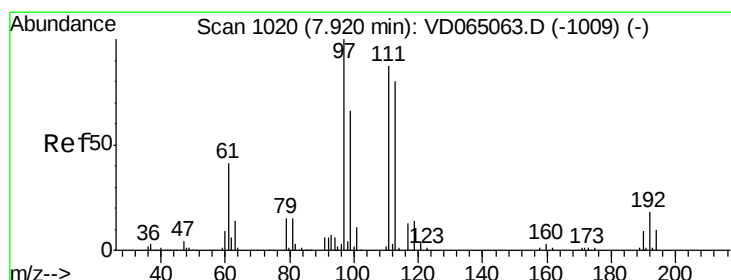
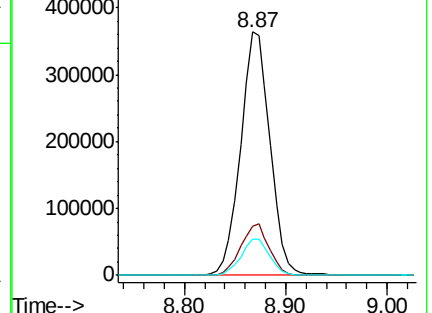
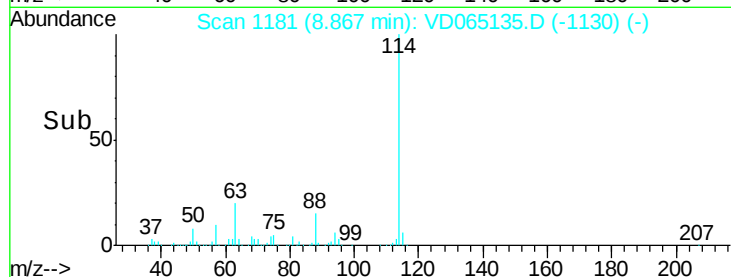
88 14.7 0.0 29.6



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: 56.870 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065135.D

Acq: 10 Feb 2020 16:16

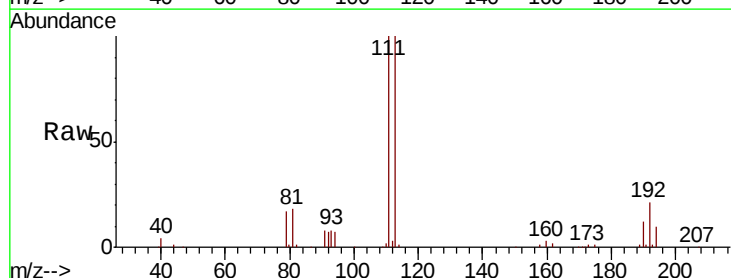
Tgt Ion:113 Resp: 231953

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

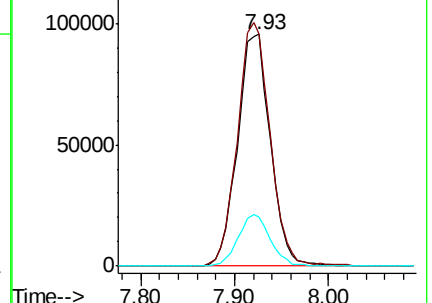
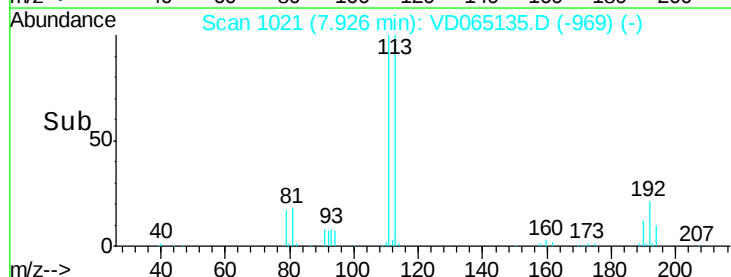
192 21.6 18.1 27.1

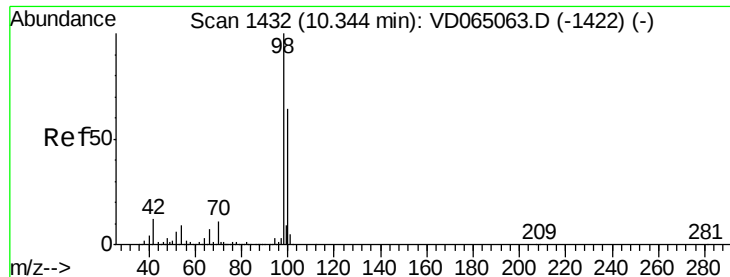


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

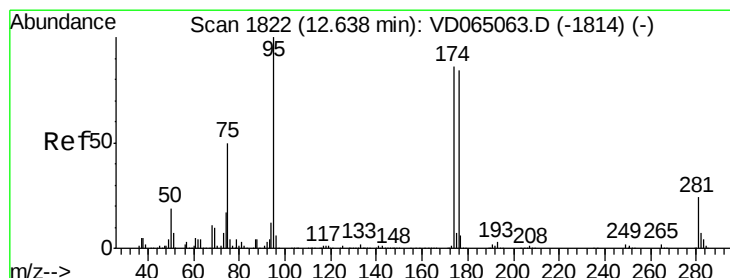
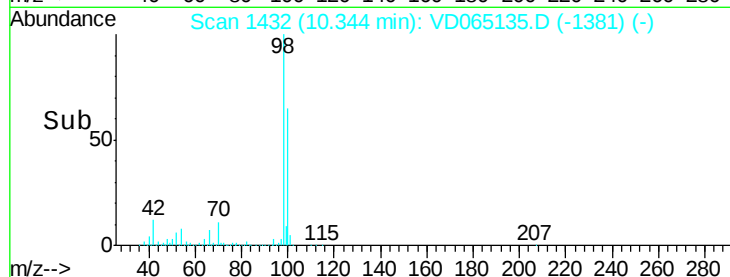
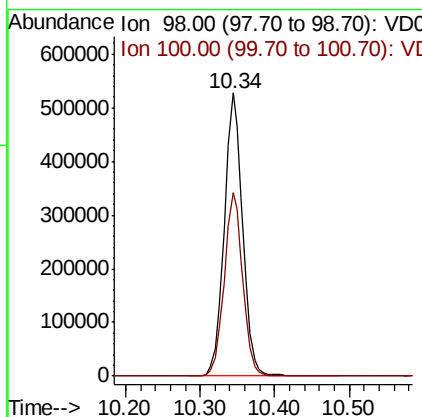
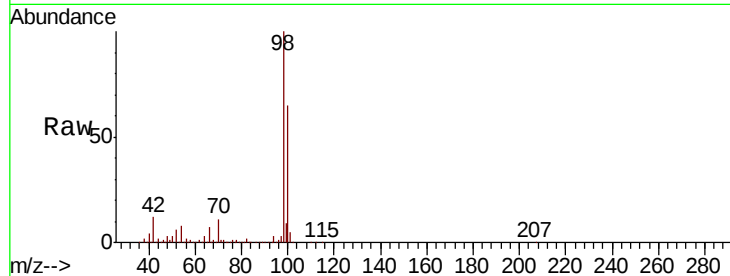




#50
Toluene-d8
Concen: 55.726 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

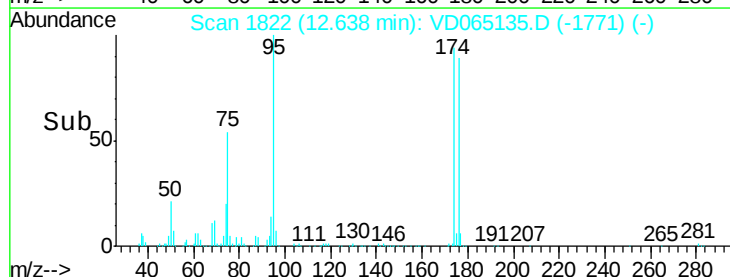
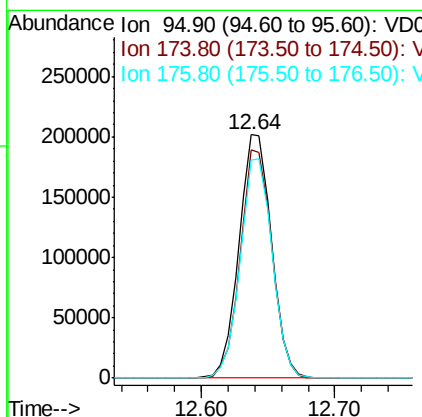
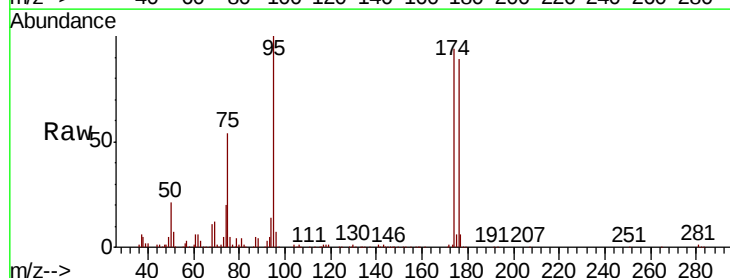
Instrument :
MSVOA_D
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SB-9-11-11.5

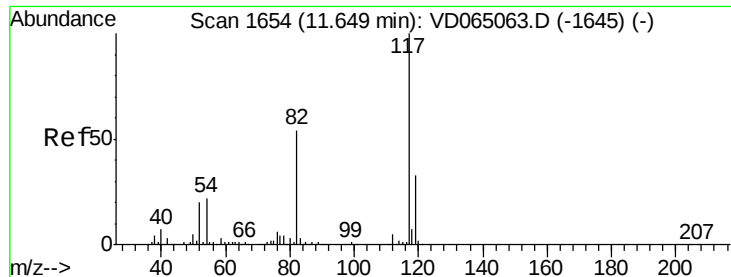
Tot Ion: 98 Resp: 904673
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 65.724 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

Tgt Ion: 95 Resp: 338089
Ion Ratio Lower Upper
95 100
174 92.0 0.0 180.0
176 88.9 0.0 173.2

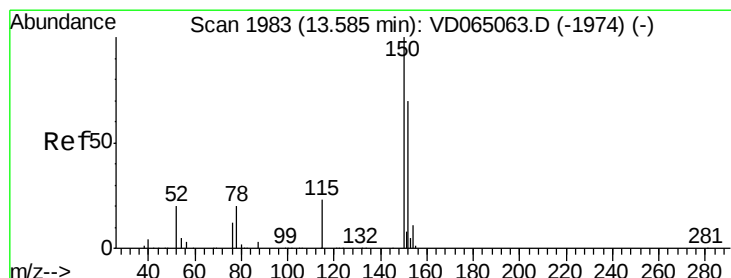
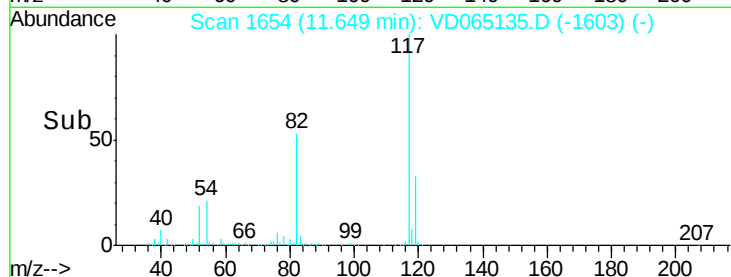
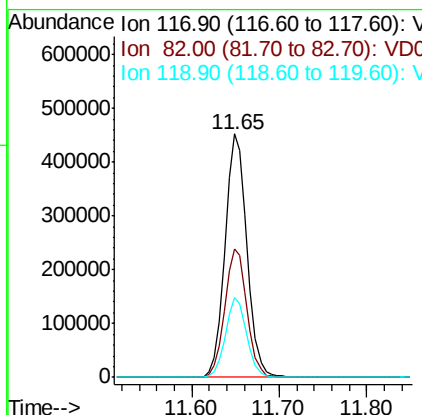
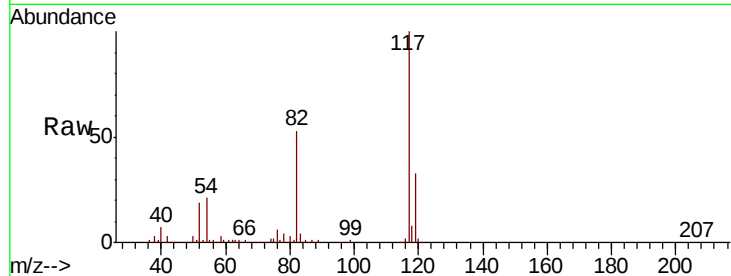




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065135.D
Acq: 10 Feb 2020 16:16

Instrument :
MSVOA_D
ClientSampleId :
SB-9-11-11.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.1	64.7
119	33.0	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: VD065135.D
Acq: 10 Feb 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.5	82.4
150	157.0	0.0	343.2

