

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065505.D
 Acq On : 13 Mar 2020 15:50
 Operator : VA/SY
 Sample : L1933-04
 Misc : 12.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11976

Quant Time: Mar 16 03:34:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	477833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	794807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	752758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	339301	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	225037	54.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.80%	
35) Dibromofluoromethane	7.92	113	251266	51.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.24%	
50) Toluene-d8	10.34	98	968741	51.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.64	95	296226	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	

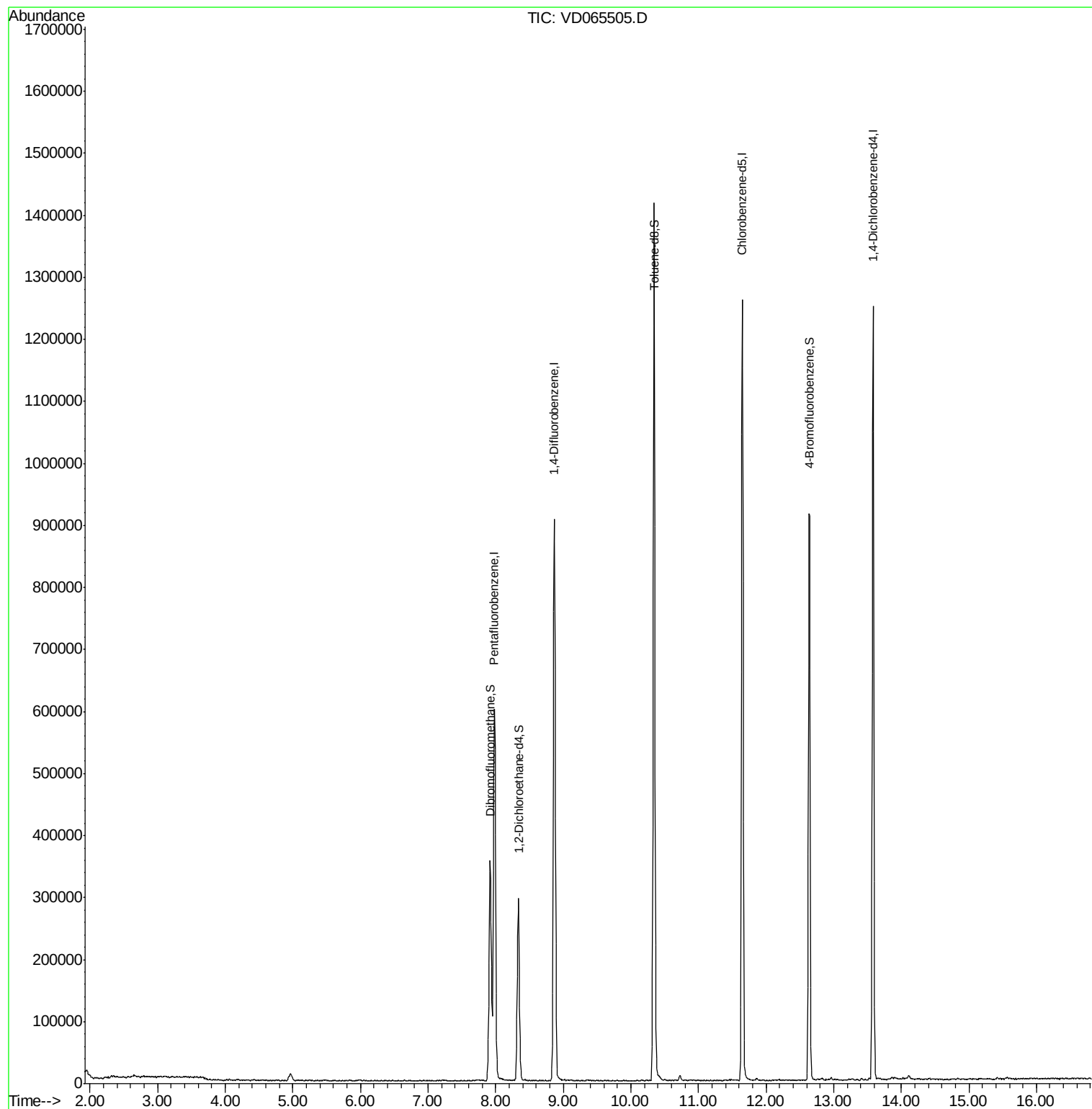
Target Compounds	Qvalue
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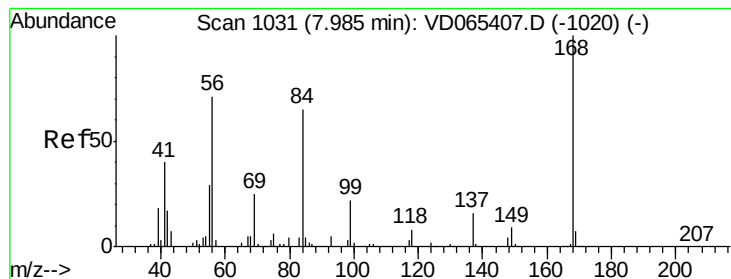
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065505.D

Acq: 13 Mar 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

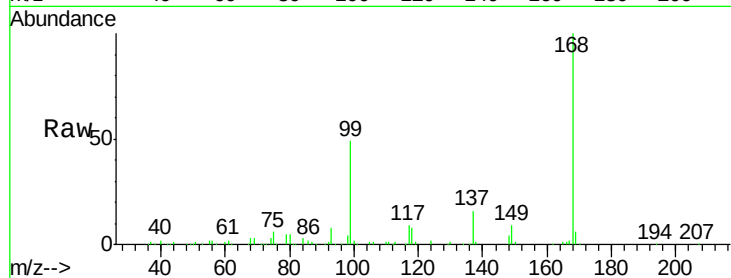
72-11976

Tot Ion:168 Resp: 477833

Ion Ratio Lower Upper

168 100

99 49.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

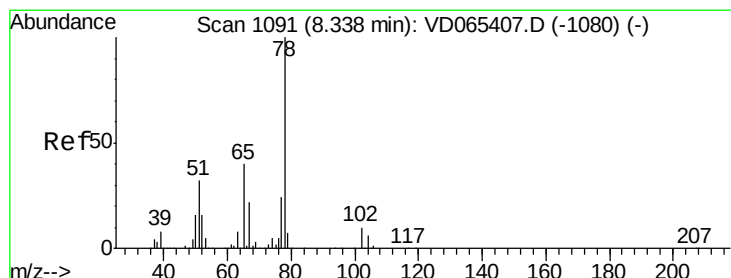
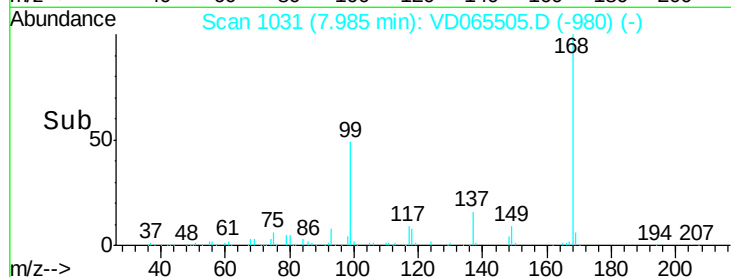
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.902 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065505.D

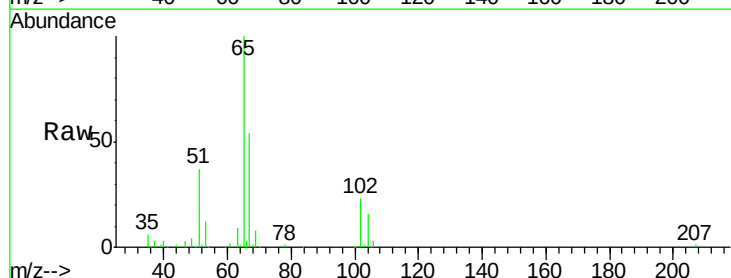
Acq: 13 Mar 2020 15:50

Tgt Ion: 65 Resp: 225037

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

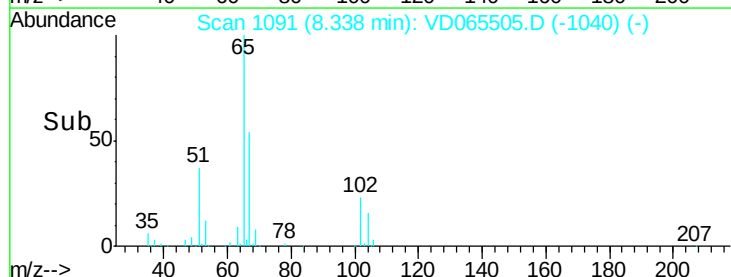
60000

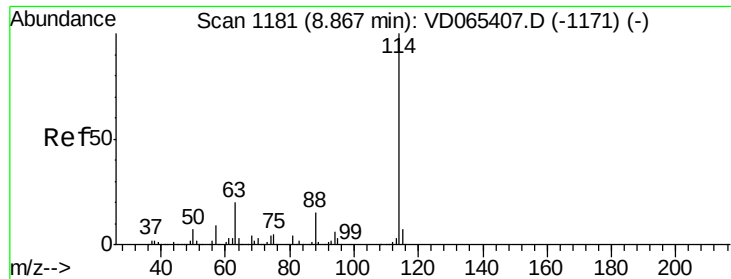
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065505.D

Acq: 13 Mar 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

72-11976

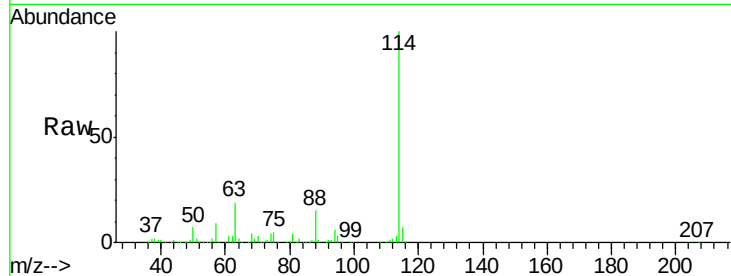
Tot Ion:114 Resp: 794807

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

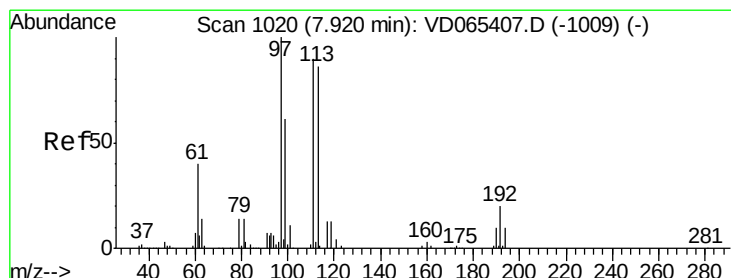
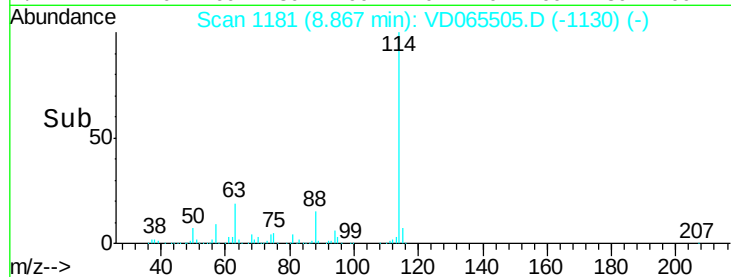
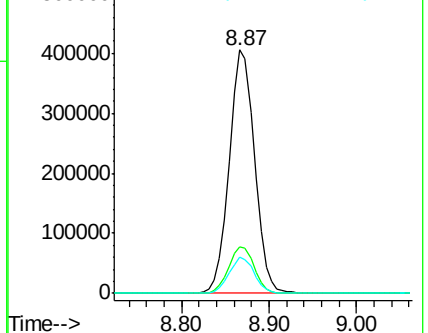
88 14.7 0.0 30.4



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: 51.121 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065505.D

Acq: 13 Mar 2020 15:50

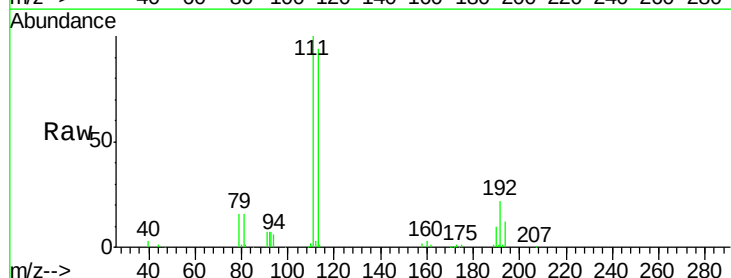
Tgt Ion:113 Resp: 251266

Ion Ratio Lower Upper

113 100

111 104.1 82.1 123.1

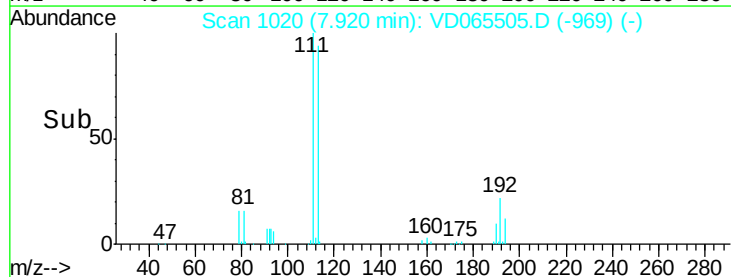
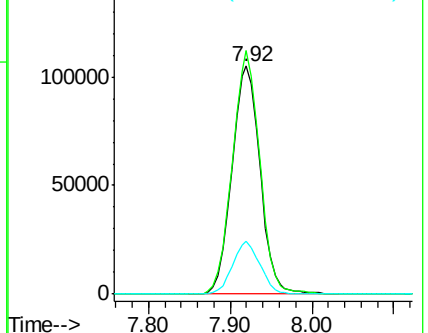
192 22.5 17.2 25.8

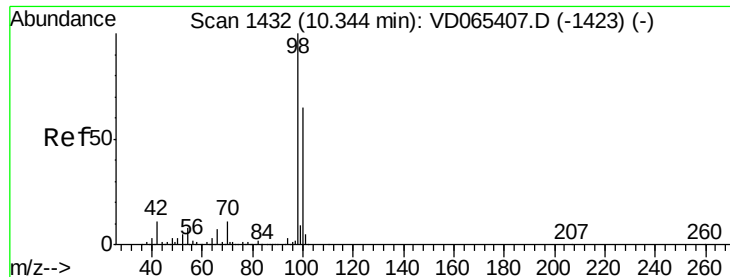


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.375 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065505.D

Acq: 13 Mar 2020 15:50

Instrument :

MSVOA_D

ClientSampleId :

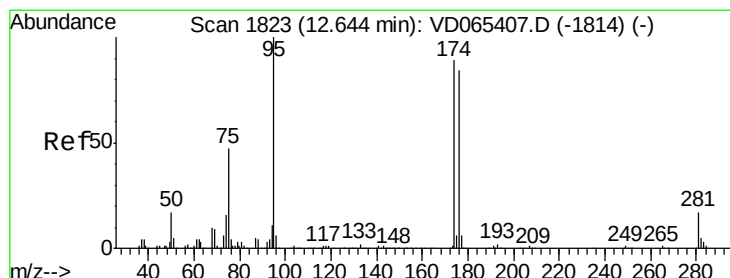
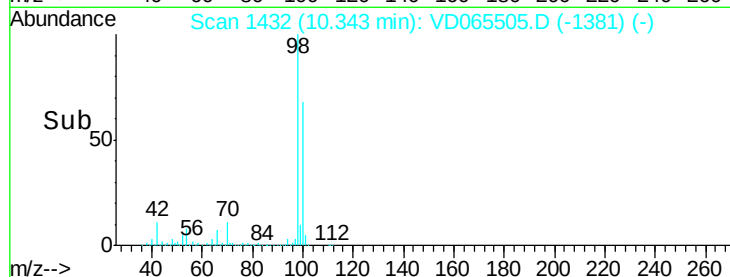
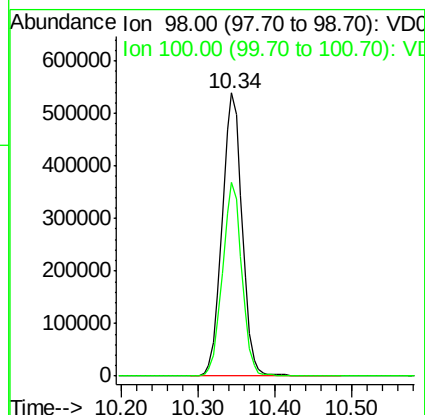
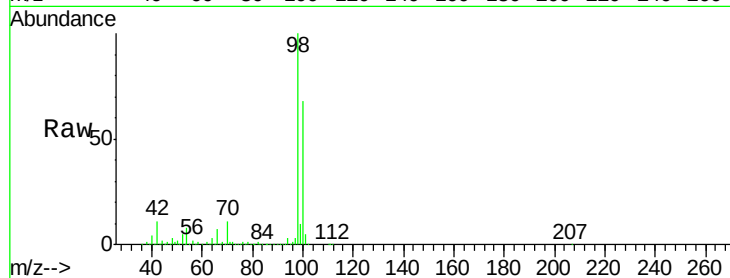
72-11976

Tot Ion: 98 Resp: 968741

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.888 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065505.D

Acq: 13 Mar 2020 15:50

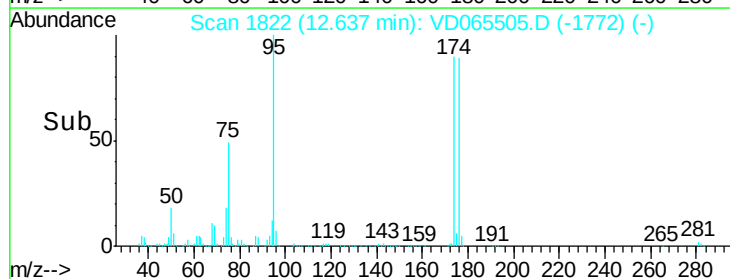
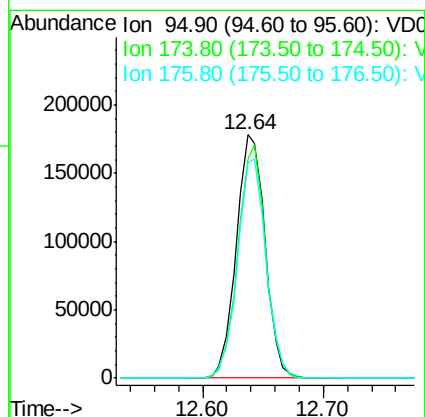
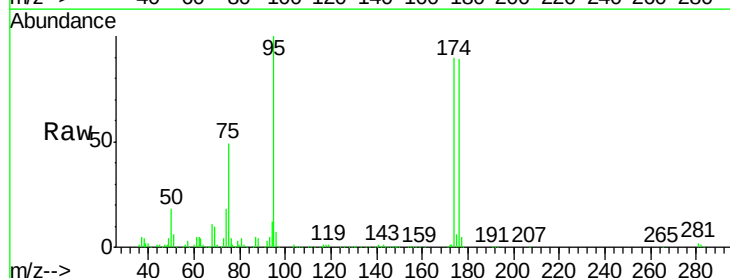
Tgt Ion: 95 Resp: 296226

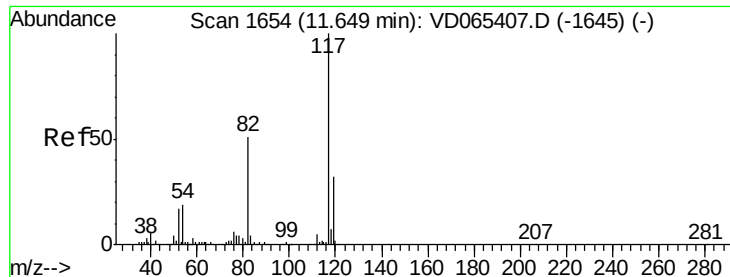
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.8

176 88.7 0.0 171.4

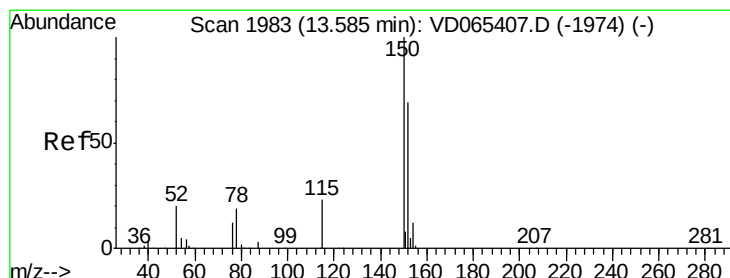
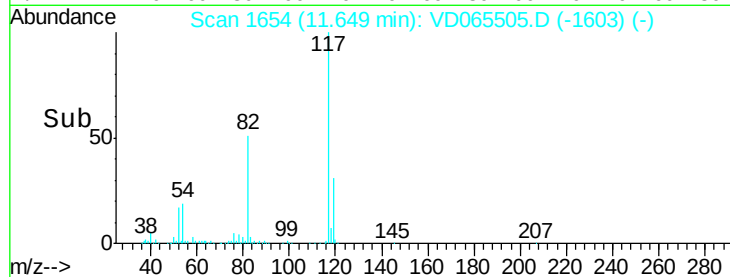
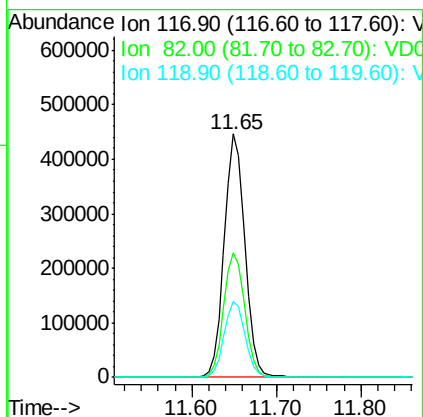
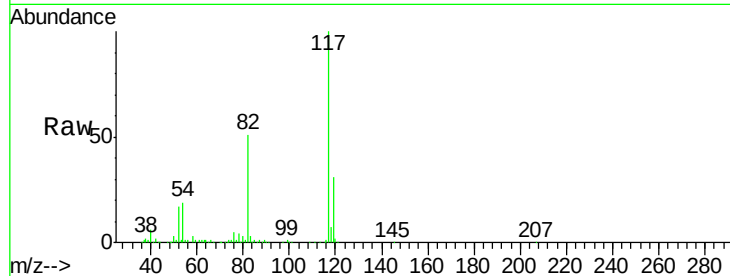




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065505.D
Acq: 13 Mar 2020 15:50

Instrument :
MSVOA_D
ClientSampleId :
72-11976

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.6	60.8
119	31.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065505.D
Acq: 13 Mar 2020 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.6	82.8
150	159.0	0.0	345.0

