

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031620\
 Data File : VD065510.D
 Acq On : 16 Mar 2020 13:25
 Operator : VA/SY
 Sample : VD0316SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBL01

Quant Time: Mar 17 07:48:27 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	605639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	985061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	919830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	427949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287361	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.92	113	311171	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.34	98	1182705	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.64	95	376433	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

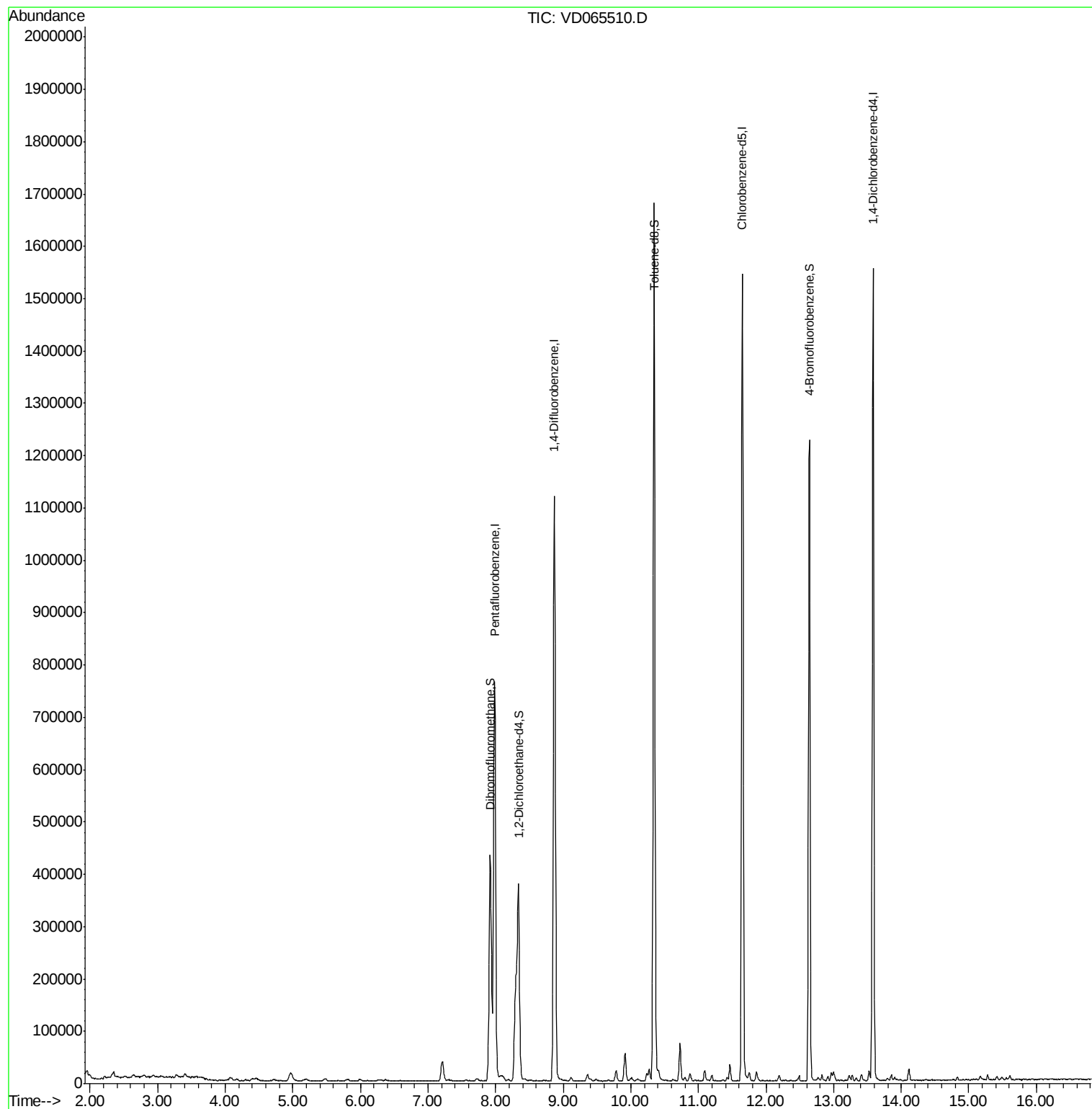
Target Compounds	Qvalue
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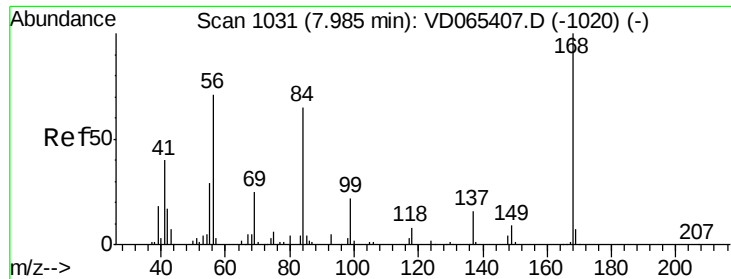
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065510.D

Acq: 16 Mar 2020 13:25

Instrument :

MSVOA_D

ClientSampleId :

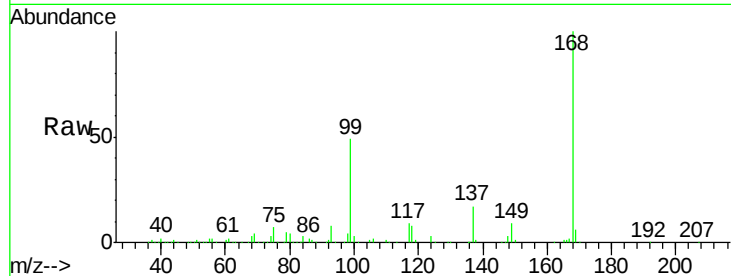
VD0316SBL01

Tot Ion:168 Resp: 605639

Ion Ratio Lower Upper

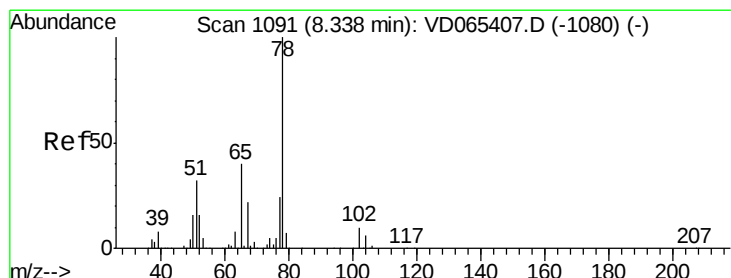
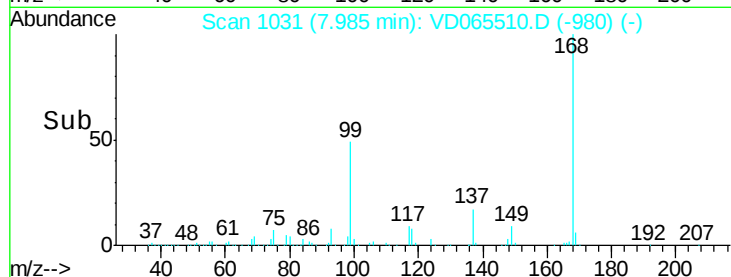
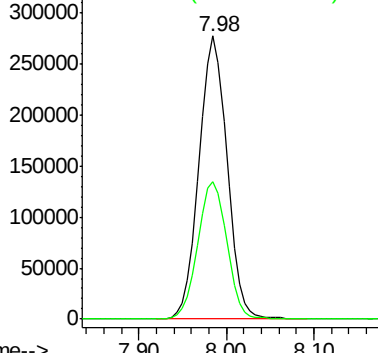
168 100

99 48.5 41.5 62.3



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: 55.313 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065510.D

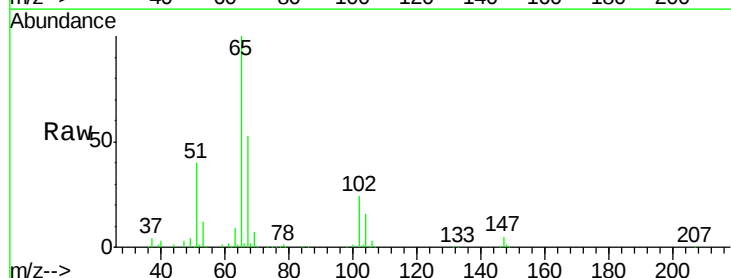
Acq: 16 Mar 2020 13:25

Tgt Ion: 65 Resp: 287361

Ion Ratio Lower Upper

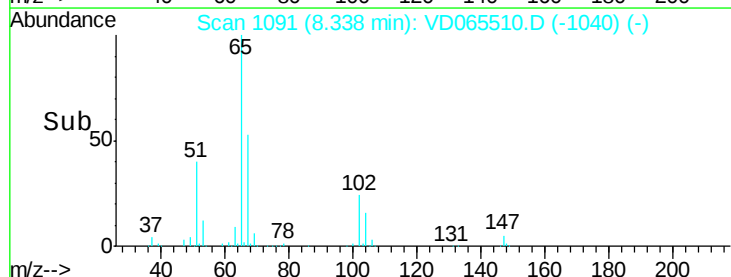
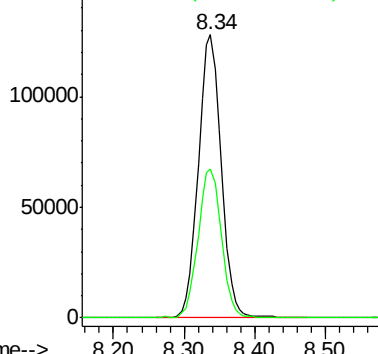
65 100

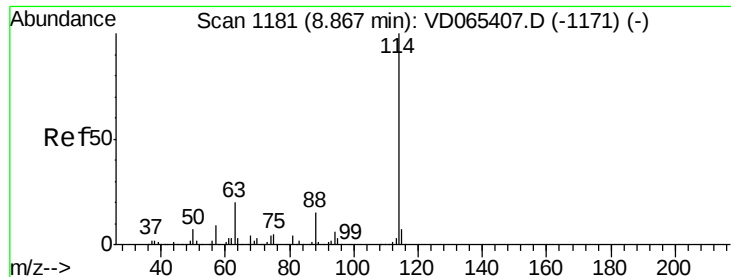
67 53.7 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

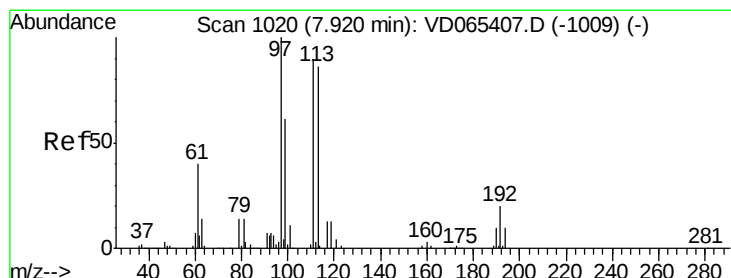
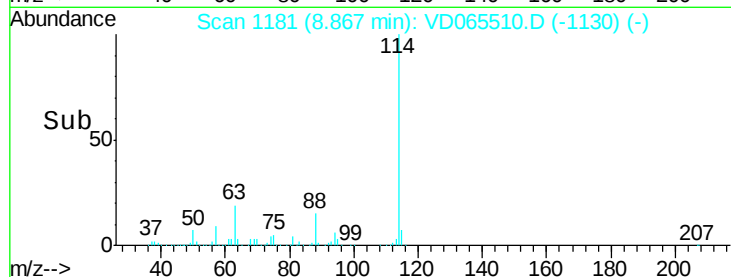
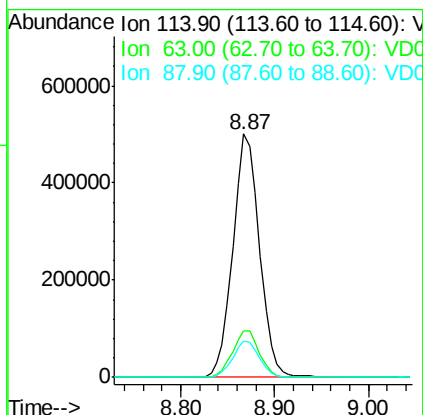
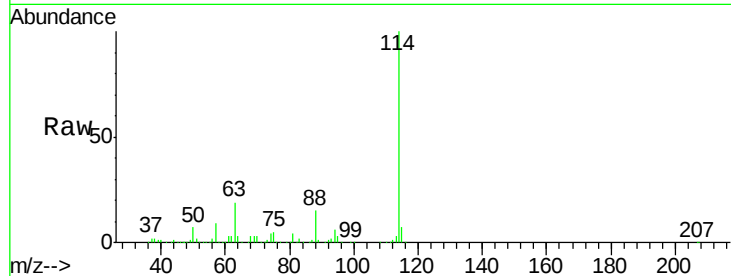




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065510.D
 Acq: 16 Mar 2020 13:25

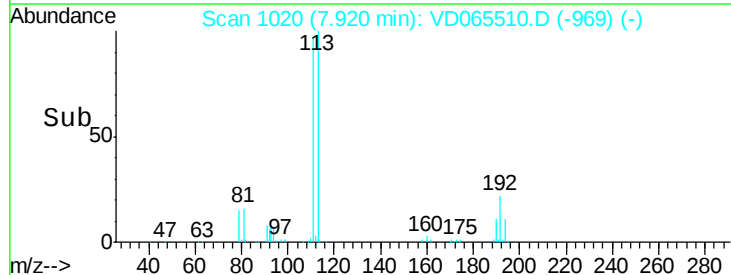
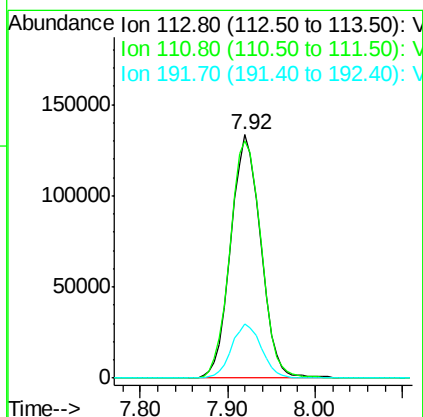
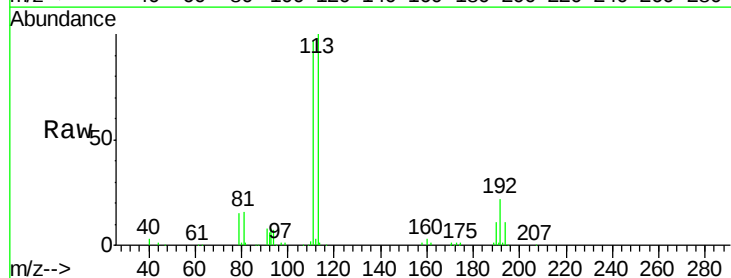
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBL01

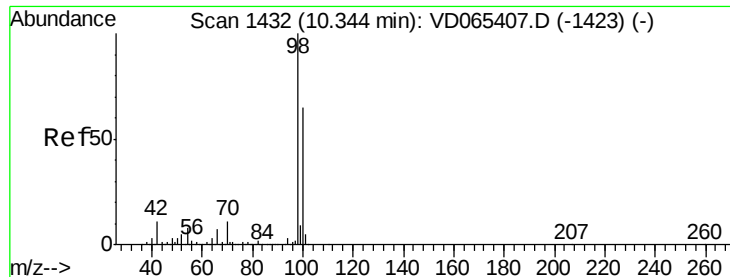
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	14.8	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 51.081 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065510.D
 Acq: 16 Mar 2020 13:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	22.2	17.2	25.8





#50

Toluene-d8

Concen: 50.608 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065510.D

Acq: 16 Mar 2020 13:25

Instrument :

MSVOA_D

ClientSampleId :

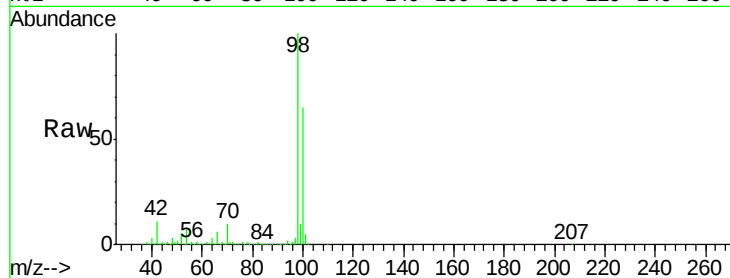
VD0316SBL01

Tot Ion: 98 Resp: 1182705

Ion Ratio Lower Upper

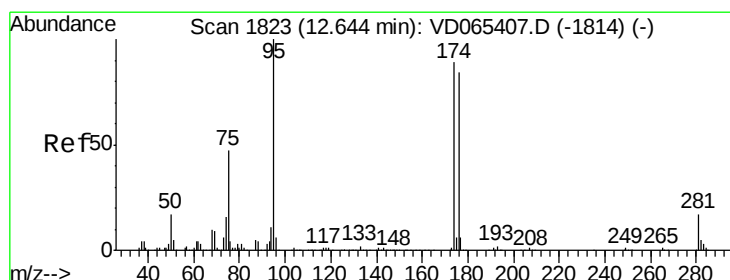
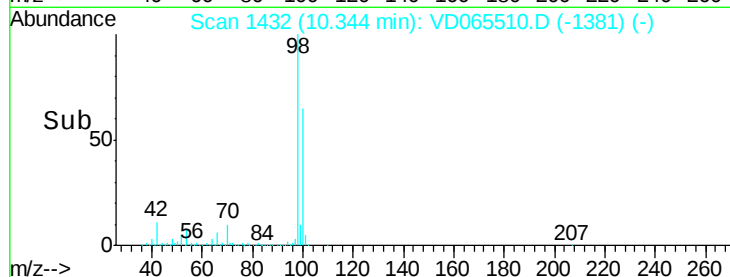
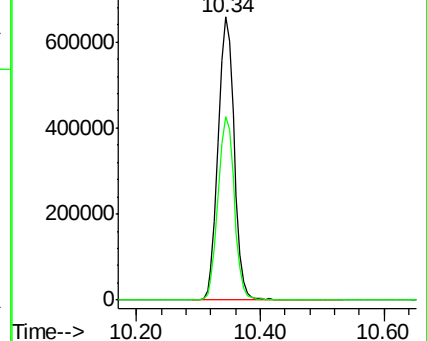
98 100

100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065510.D (-1381) (-)

Ion 100.00 (99.70 to 100.70): VD065510.D (-1381) (-)



#62

4-Bromofluorobenzene

Concen: 52.177 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VD065510.D

Acq: 16 Mar 2020 13:25

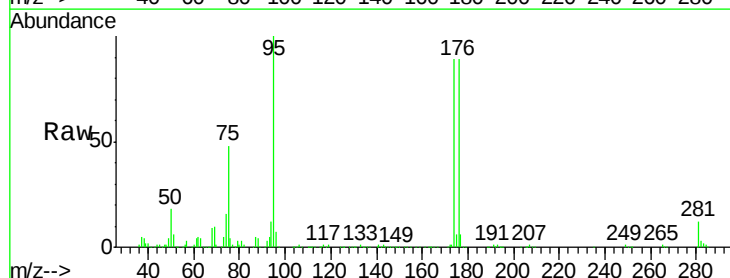
Tgt Ion: 95 Resp: 376433

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.8

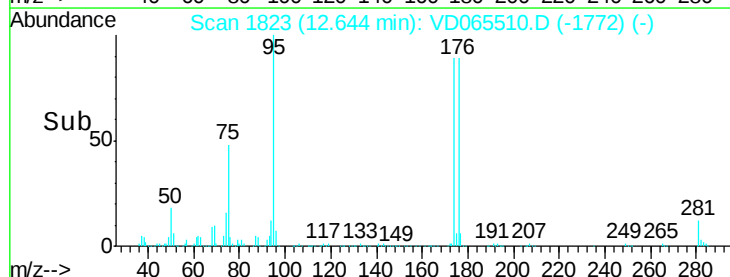
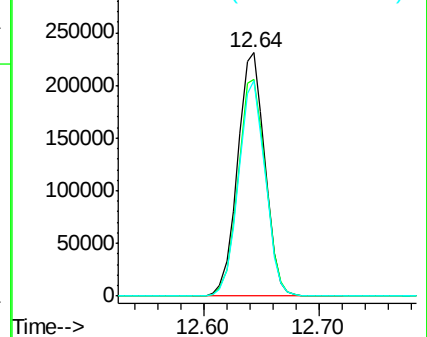
176 86.9 0.0 171.4

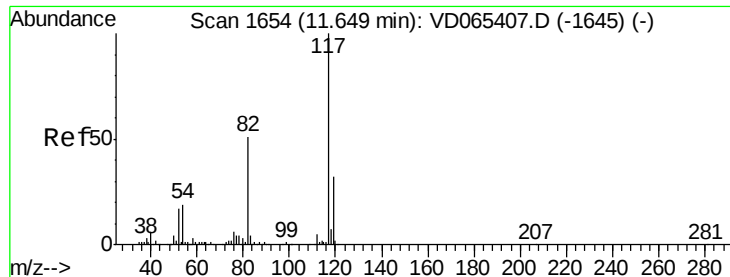


Abundance Ion 94.90 (94.60 to 95.60): VD065510.D (-1772) (-)

Ion 173.80 (173.50 to 174.50): VD065510.D (-1772) (-)

Ion 175.80 (175.50 to 176.50): VD065510.D (-1772) (-)

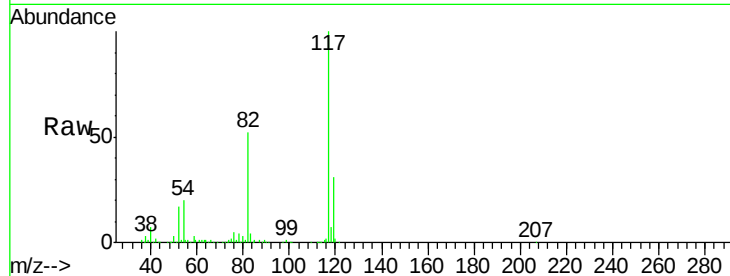




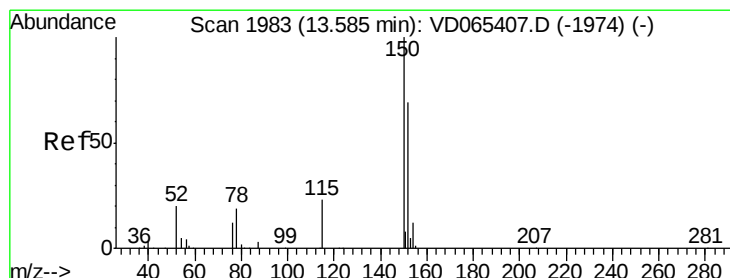
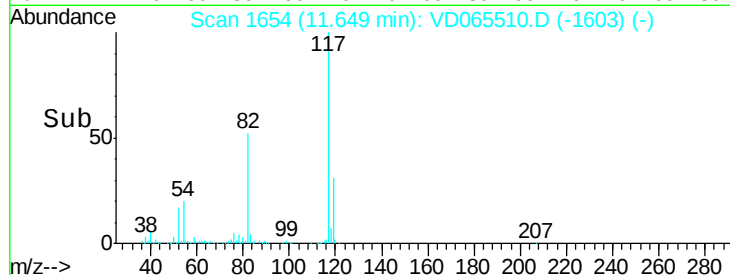
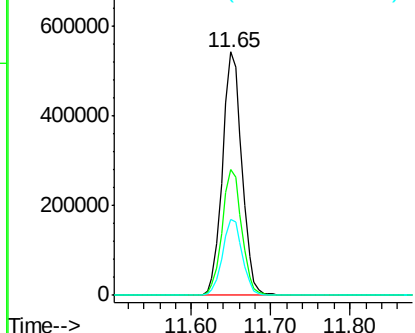
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Tot Ion:117 Resp: 919830
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 30.9 25.4 38.2

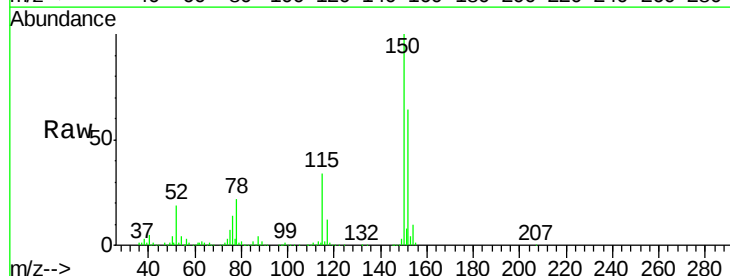


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion:152 Resp: 427949
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 157.2 0.0 345.0



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

