

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065541.D
 Acq On : 27 Mar 2020 13:49
 Operator : VA/SY
 Sample : L2040-10
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-346

Quant Time: Mar 30 07:18:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	905553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	870478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	442760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	244499	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	
35) Dibromofluoromethane	7.92	113	294358	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1088122	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.64	95	365484	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	

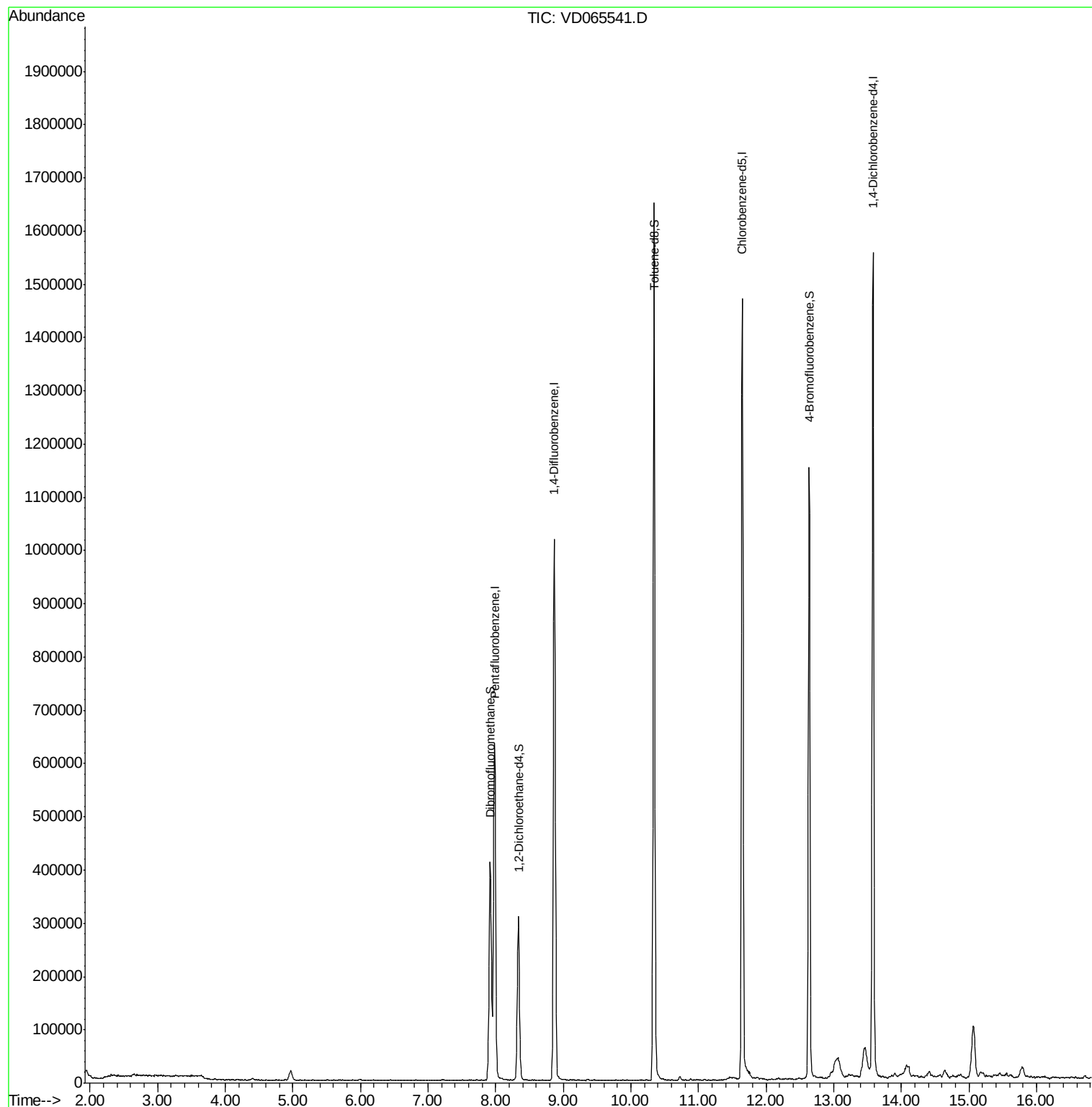
Target Compounds	Qvalue

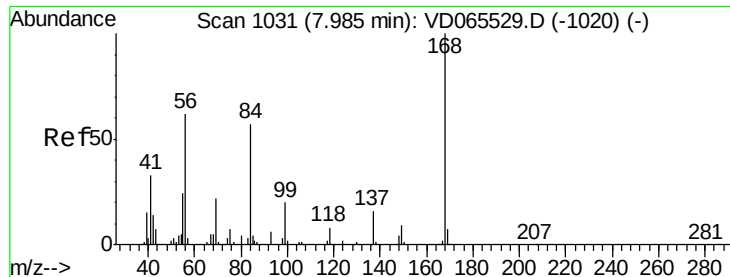
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Acq: 27 Mar 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

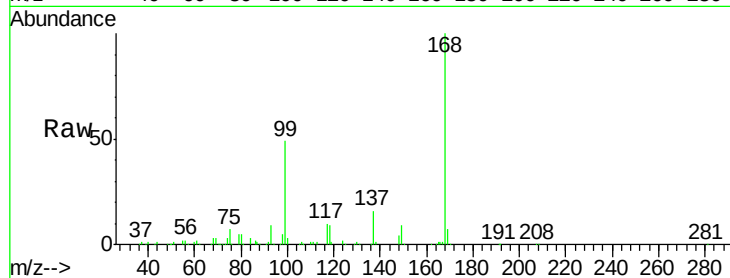
RO-346

Tot Ion:168 Resp: 503834

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

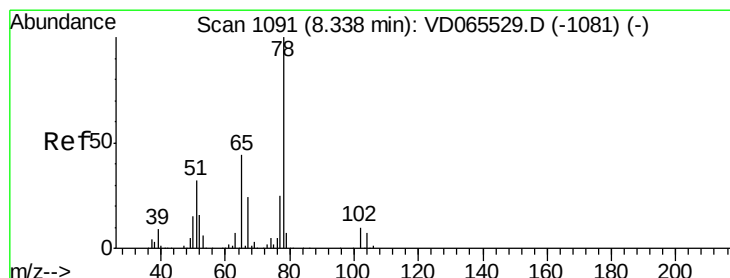
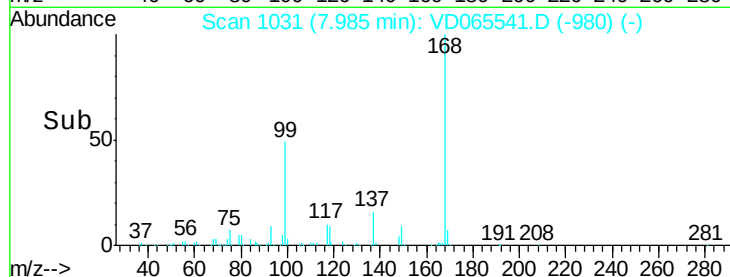
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.296 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065541.D

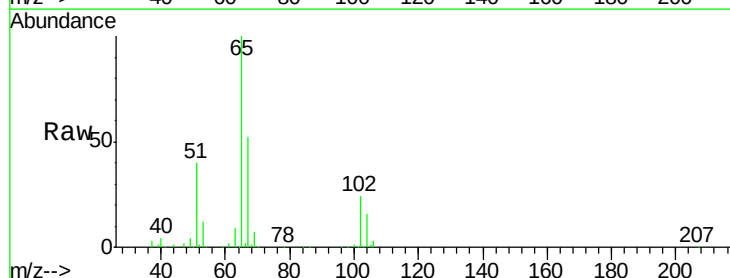
Acq: 27 Mar 2020 13:49

Tgt Ion: 65 Resp: 244499

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

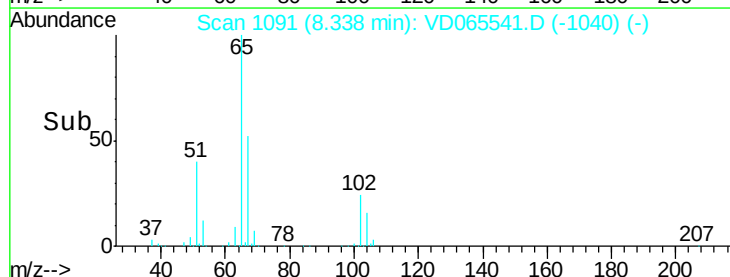
60000

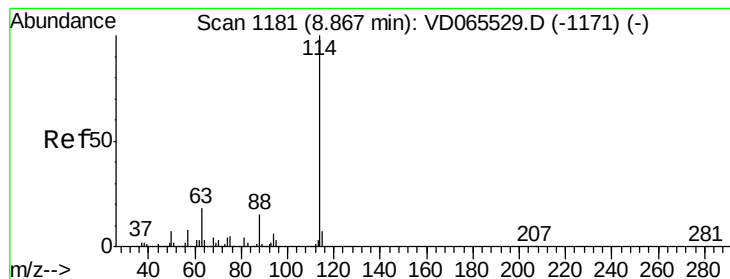
40000

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: VD065541.D

Acq: 27 Mar 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

RO-346

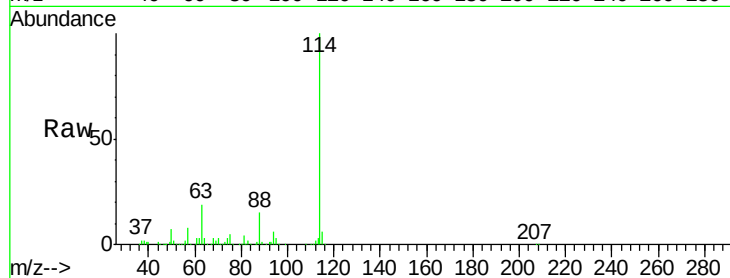
Tot Ion:114 Resp: 905553

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

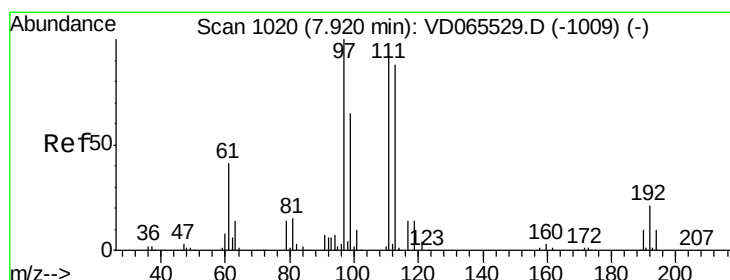
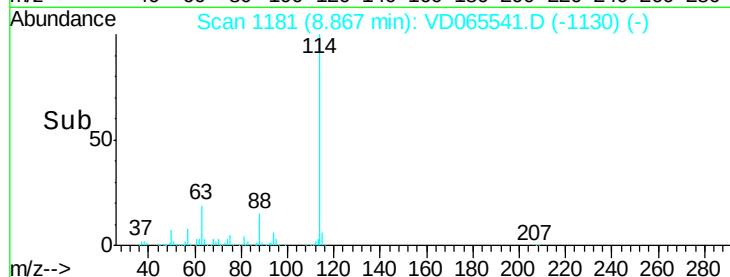
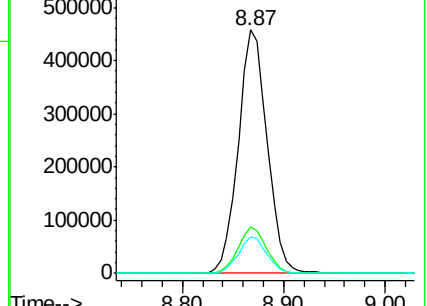
88 14.8 0.0 30.4



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: 52.663 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065541.D

Acq: 27 Mar 2020 13:49

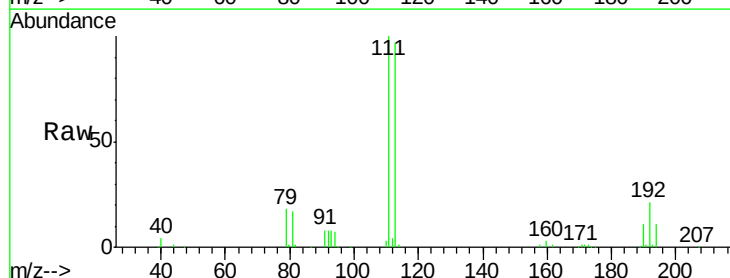
Tgt Ion:113 Resp: 294358

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

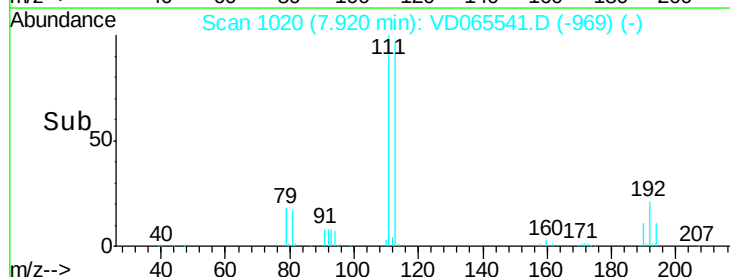
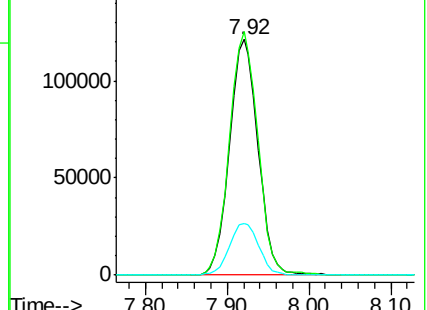
192 22.7 18.5 27.7

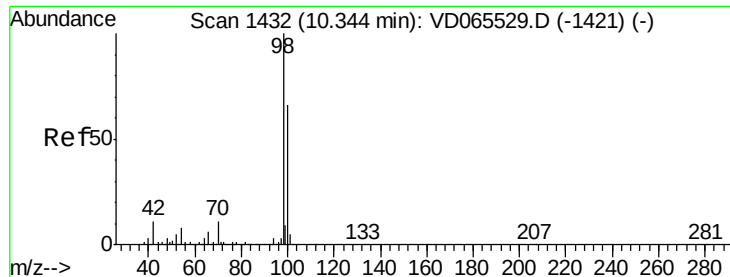


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

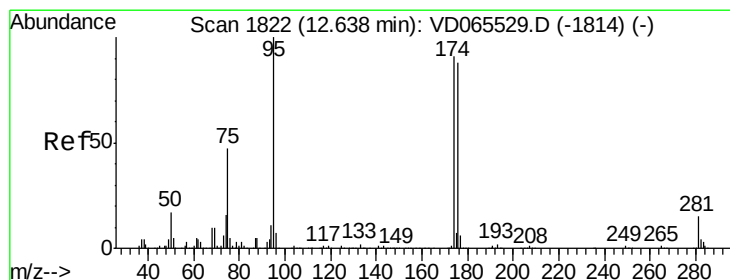
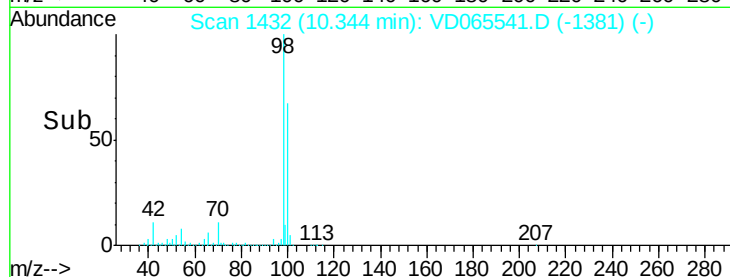
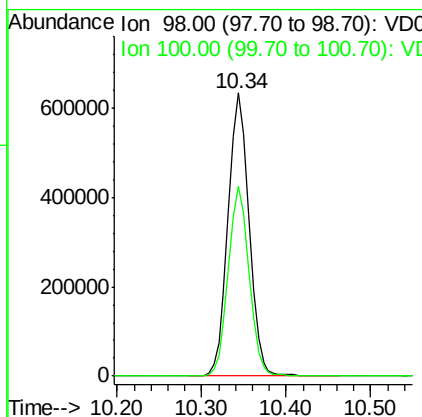
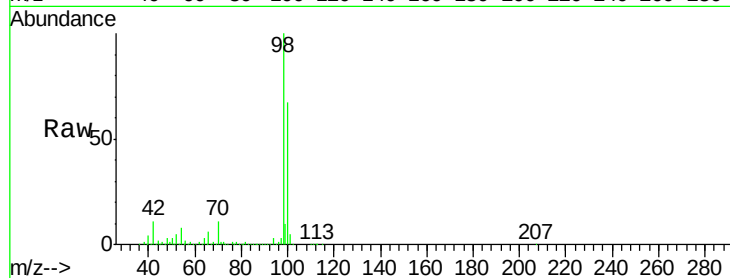




#50
Toluene-d8
Concen: 51.853 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

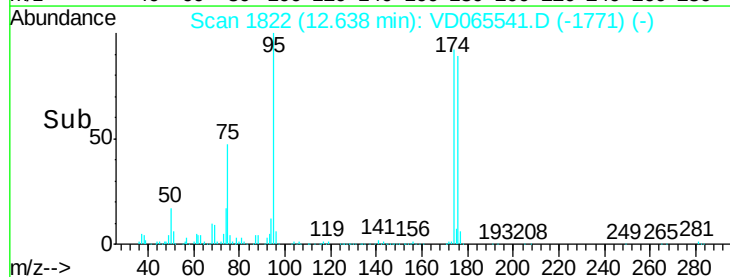
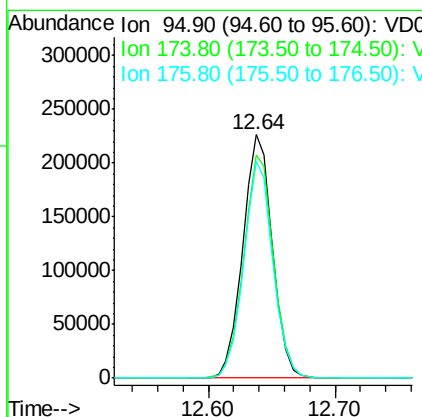
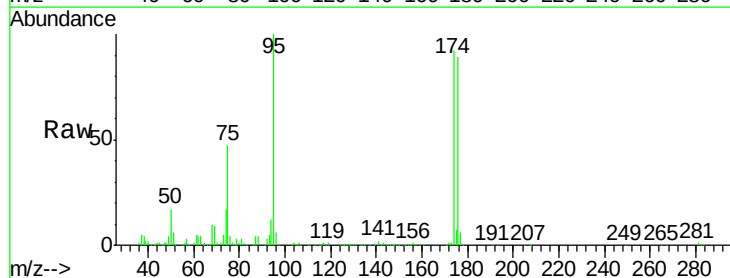
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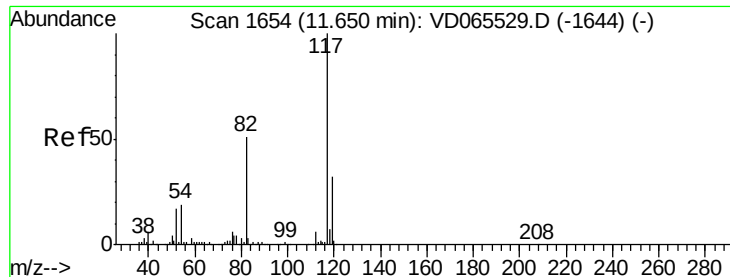
Tot Ion: 98 Resp: 1088122
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.875 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Tgt Ion: 95 Resp: 365484
Ion Ratio Lower Upper
95 100
174 93.1 0.0 183.8
176 88.1 0.0 178.2

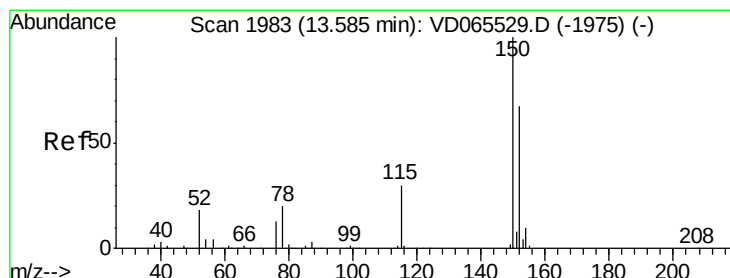
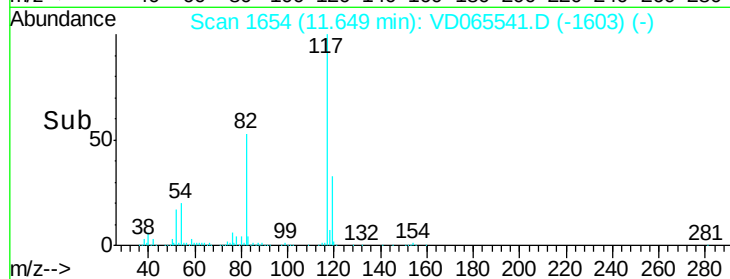
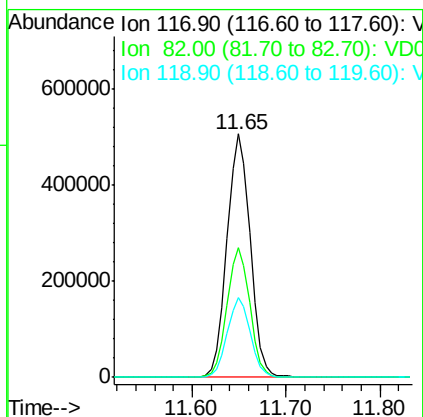
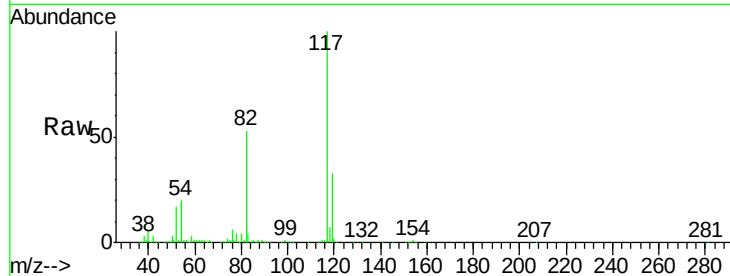




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
RO-346

Tot Ion:117 Resp: 870478
Ion Ratio Lower Upper
117 100
82 53.0 41.0 61.6
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065541.D
Acq: 27 Mar 2020 13:49

Tgt Ion:152 Resp: 442760
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 151.8 0.0 340.2

