

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030420\
 Data File : VD065414.D
 Acq On : 04 Mar 2020 16:41
 Operator : VA/SY
 Sample : VD0304SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

Quant Time: Mar 05 01:36:54 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

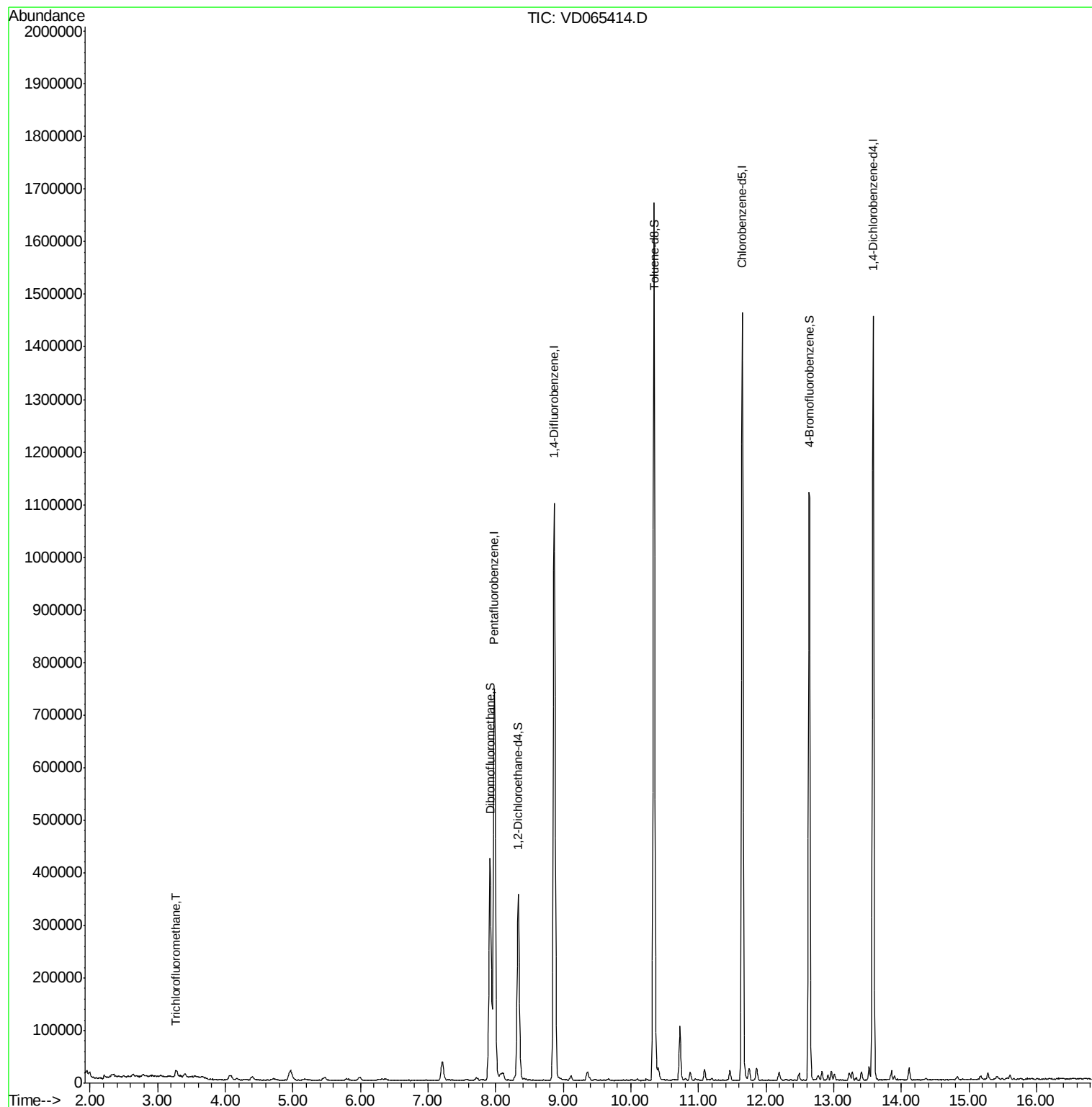
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	590366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	971052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	870032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	276782	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	7.92	113	303223	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.34	98	1157924	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.64	95	354472	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
Target Compounds						
7) Trichlorofluoromethane	3.27	101	12963	1.456	ug/l #	Qvalue 81

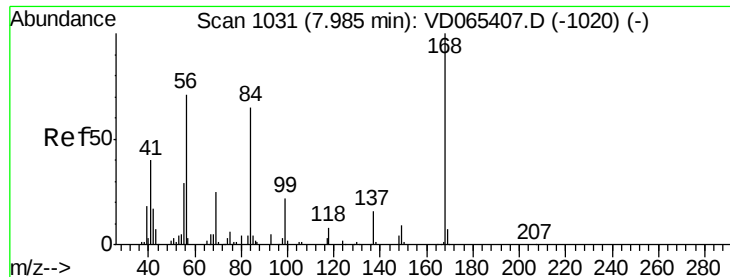
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065414.D

Acq: 04 Mar 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

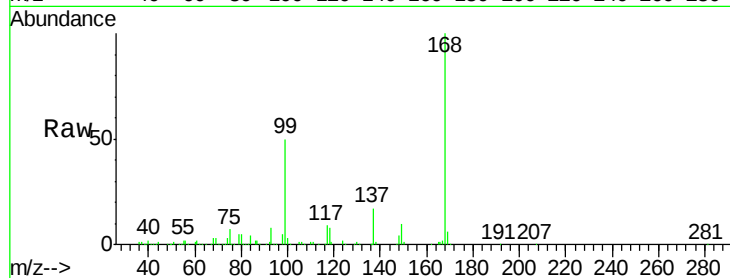
VD0304SBL01

Tot Ion:168 Resp: 590366

Ion Ratio Lower Upper

168 100

99 49.5 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

250000

200000

150000

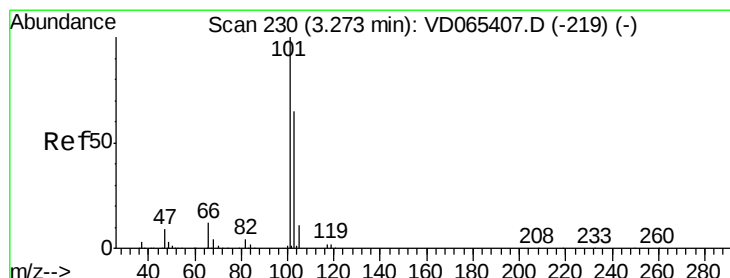
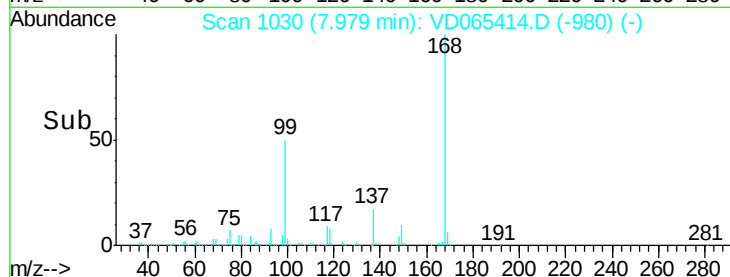
100000

50000

0

7.90 8.00 8.10

Time-->



#7

Trichlorofluoromethane

Concen: 1.456 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065414.D

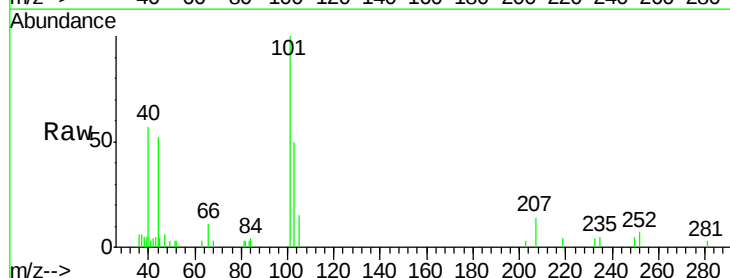
Acq: 04 Mar 2020 16:41

Tgt Ion:101 Resp: 12963

Ion Ratio Lower Upper

101 100

103 50.4 52.1 78.1#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

6000

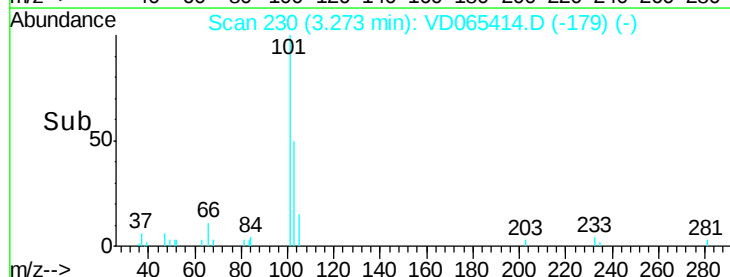
4000

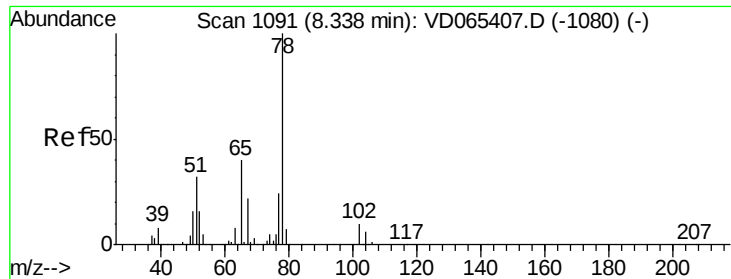
2000

0

3.20 3.25 3.30 3.35

Time-->

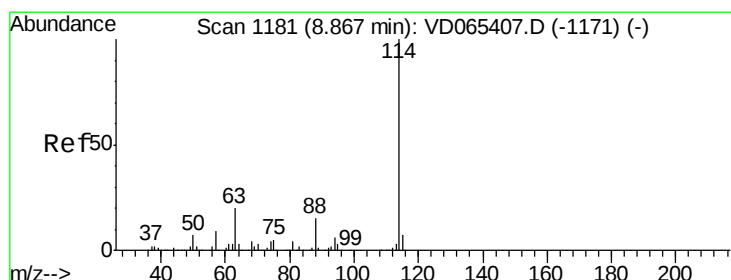
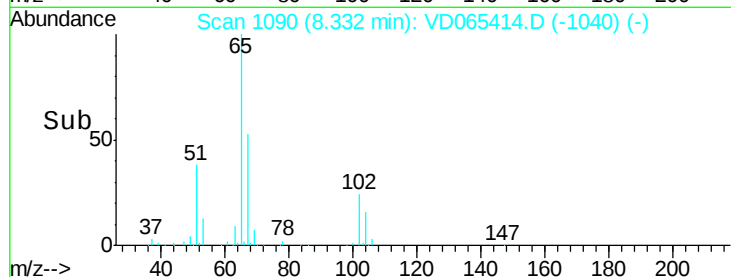
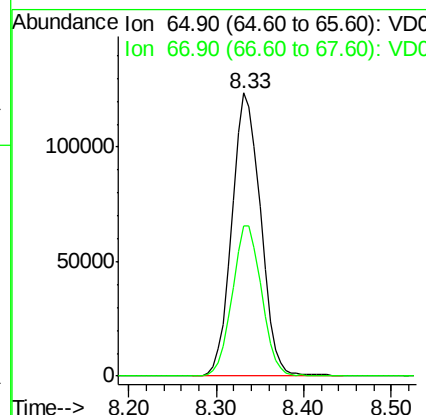
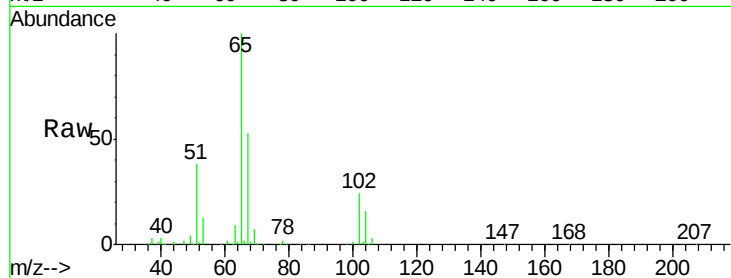




#33
 1,2-Dichloroethane-d4
 Concen: 54.655 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065414.D
 Acq: 04 Mar 2020 16:41

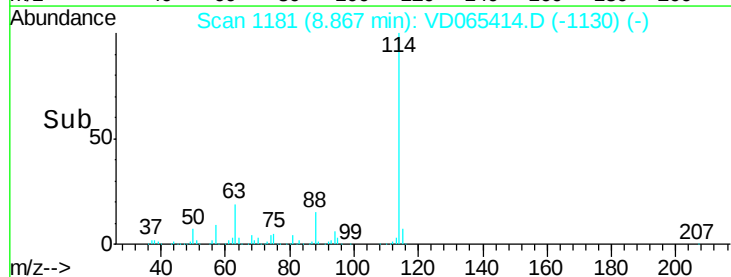
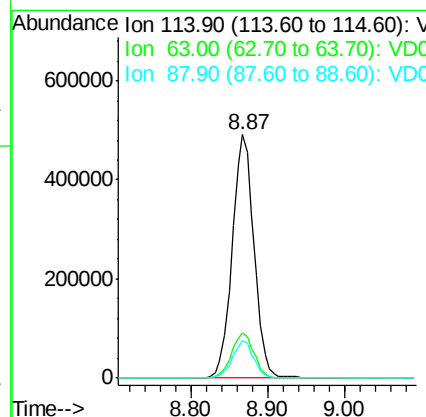
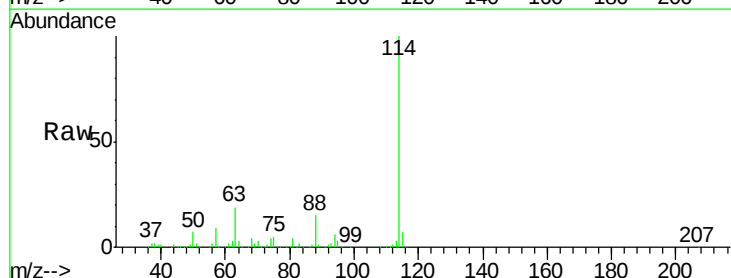
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBL01

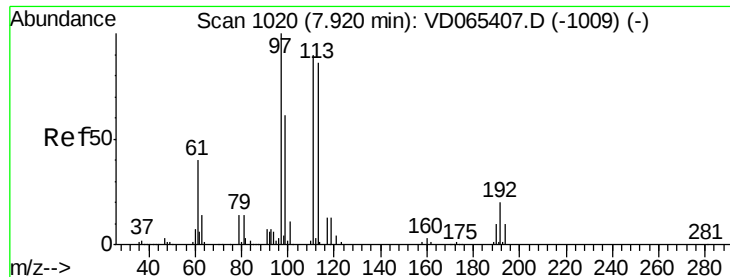
Tot Ion: 65 Resp: 276782
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065414.D
 Acq: 04 Mar 2020 16:41

Tgt Ion: 114 Resp: 971052
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 15.2 0.0 30.4

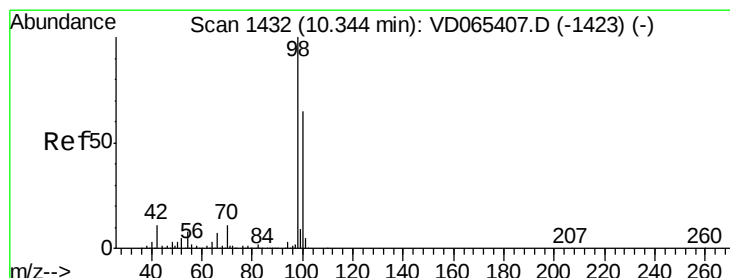
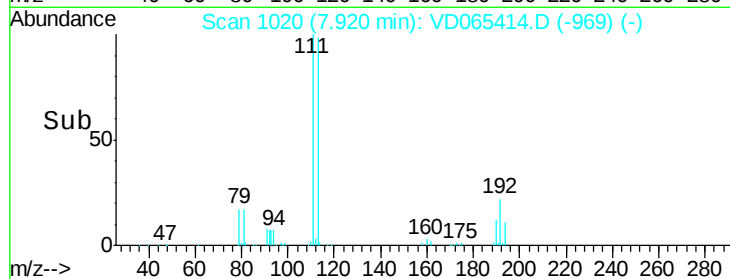
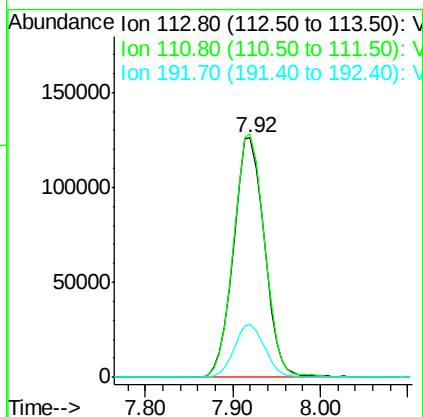
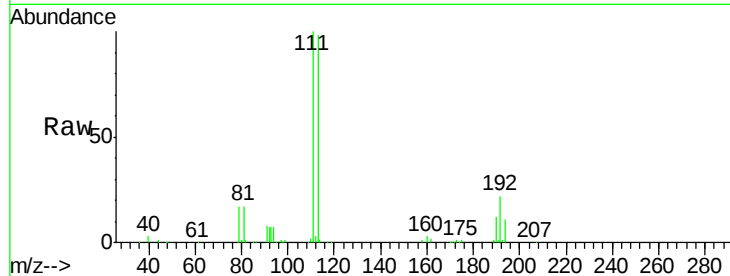




#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065414.D
Acq: 04 Mar 2020 16:41

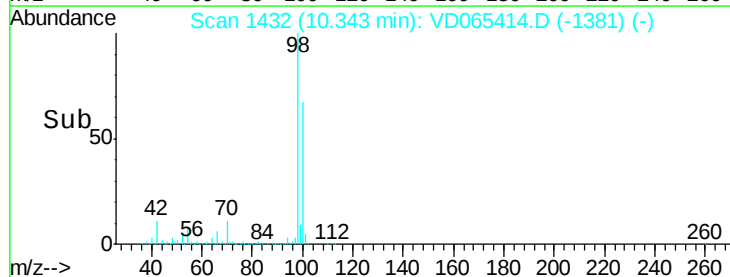
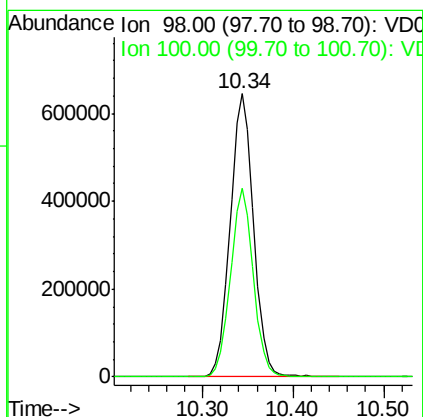
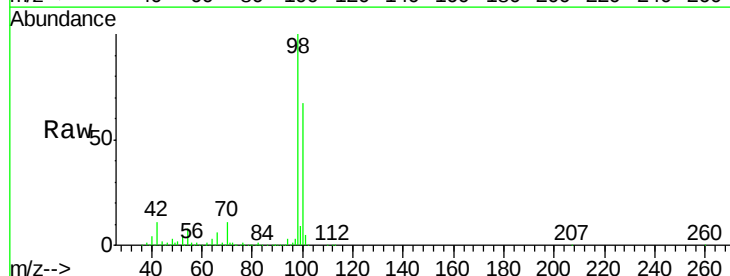
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

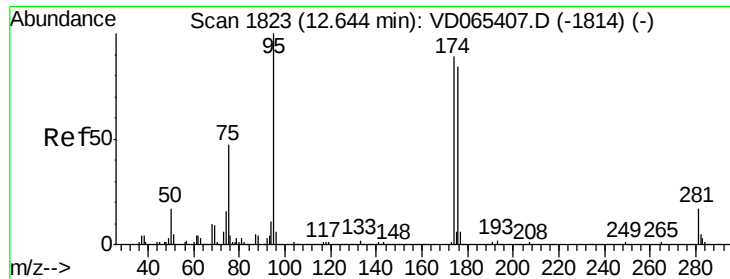
Tot Ion:113 Resp: 303223
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 21.8 17.2 25.8



#50
Toluene-d8
Concen: 50.262 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065414.D
Acq: 04 Mar 2020 16:41

Tgt Ion: 98 Resp: 1157924
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

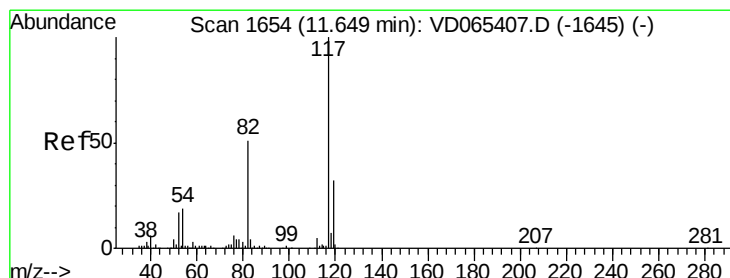
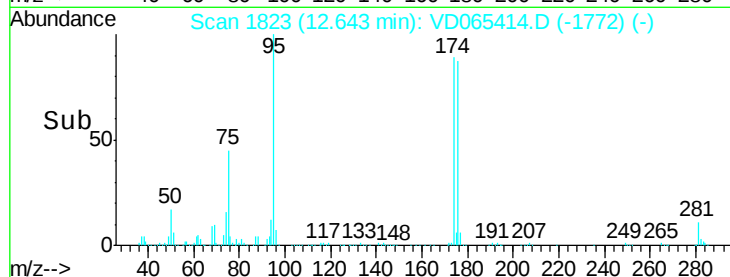
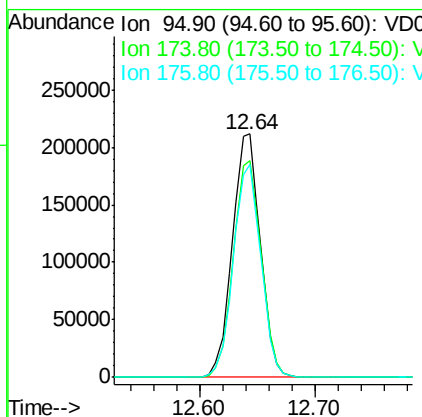
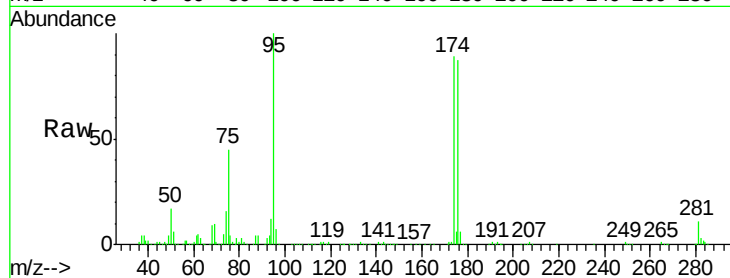




#62
4-Bromofluorobenzene
Concen: 49.842 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VD065414.D
Acq: 04 Mar 2020 16:41

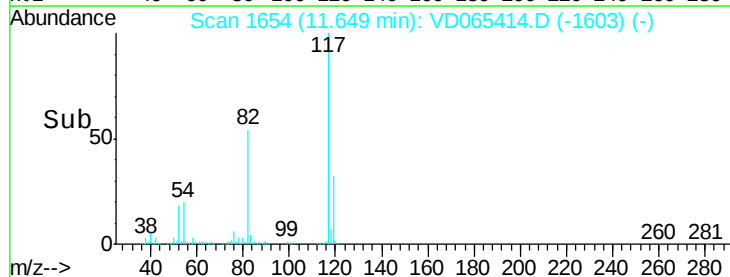
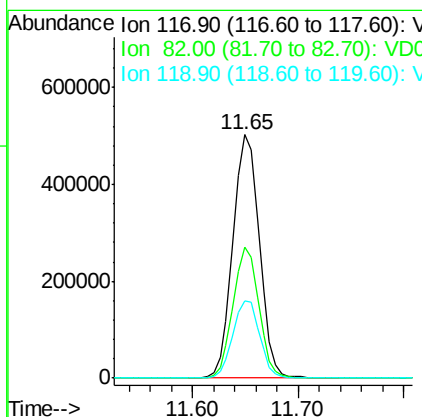
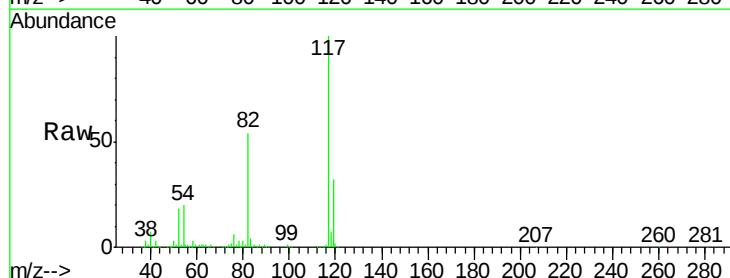
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBL01

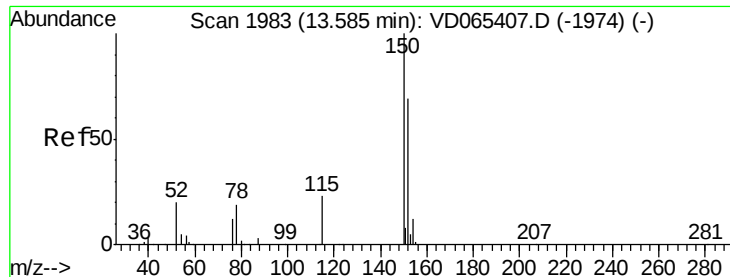
Tot Ion: 95 Resp: 354472
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.8
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065414.D
Acq: 04 Mar 2020 16:41

Tgt Ion: 117 Resp: 870032
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 31.8 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: VD065414.D

Acq: 04 Mar 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBL01

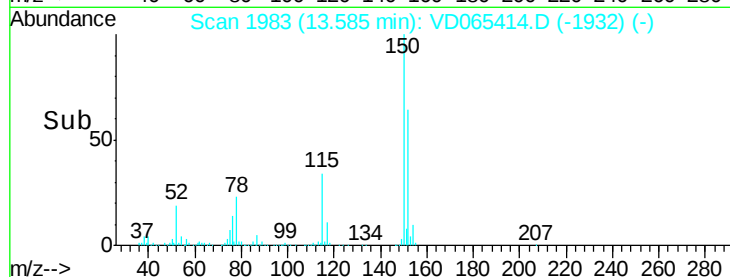
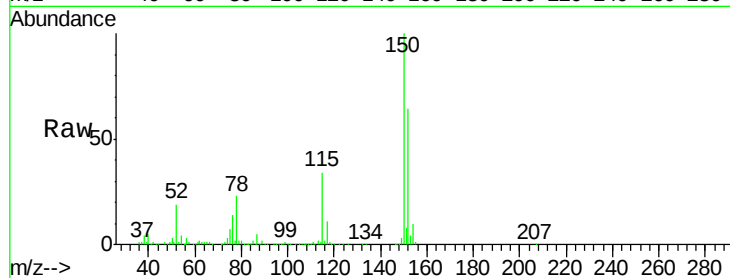
Tot Ion:152 Resp: 402277

Ion Ratio Lower Upper

152 100

115 54.3 27.6 82.8

150 157.7 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

