

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065185.D
 Acq On : 14 Feb 2020 11:41
 Operator : VA/SY
 Sample : VD0214SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBL01

Quant Time: Feb 15 00:23:17 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	378500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	620044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	551959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241496	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	188699	58.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.32%	
35) Dibromofluoromethane	7.92	113	194135	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
50) Toluene-d8	10.34	98	683161	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.64	95	205175	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

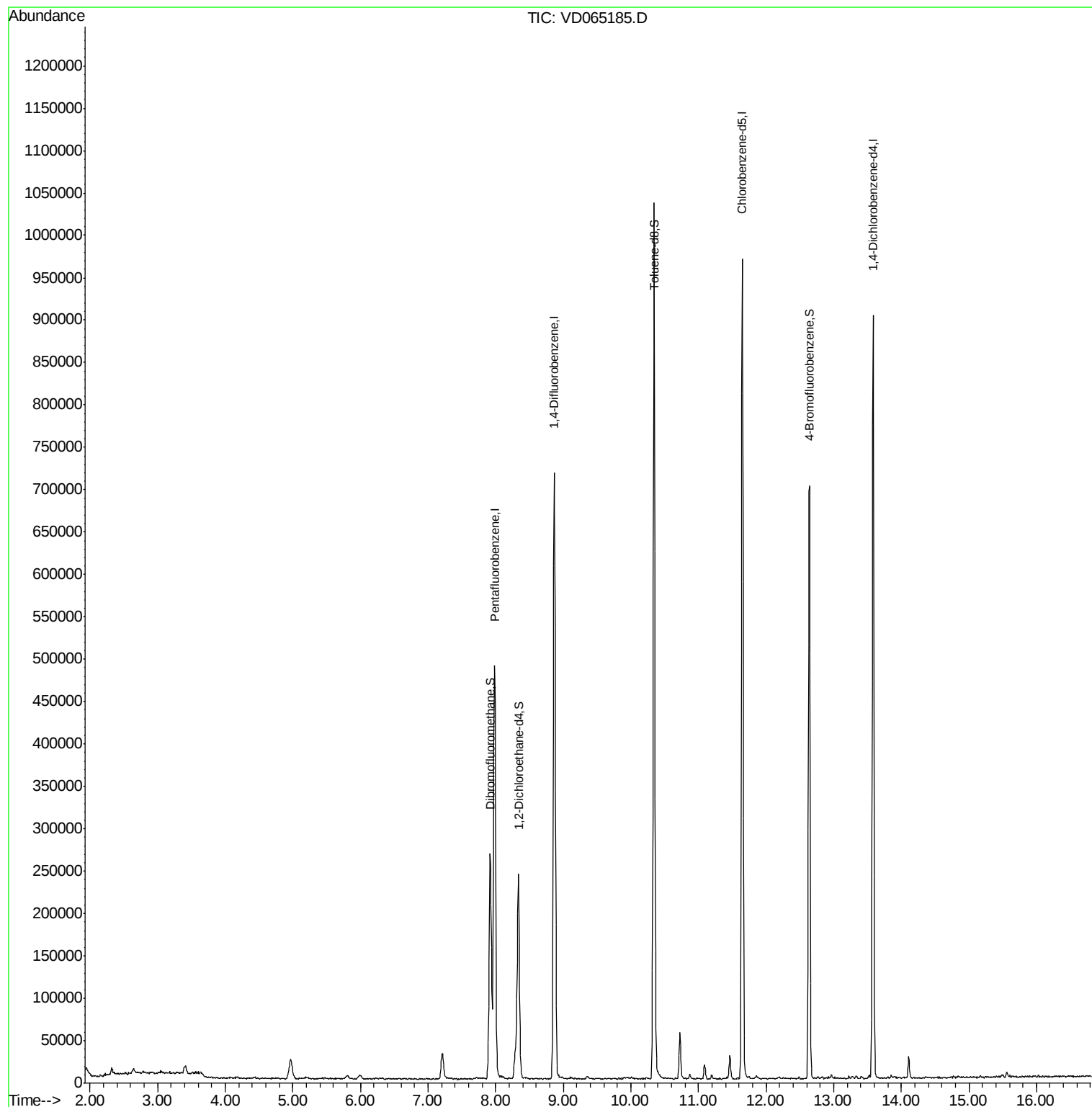
Target Compounds	Qvalue

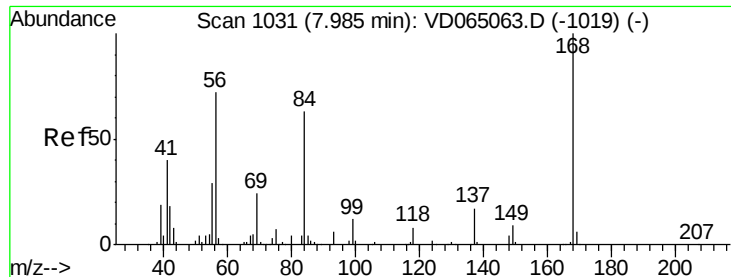
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065185.D

Acq: 14 Feb 2020 11:41

Instrument :

MSVOA_D

ClientSampleId :

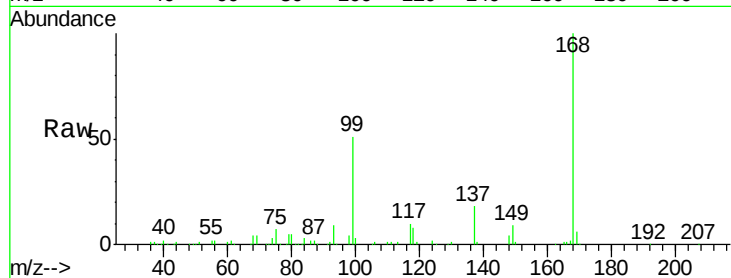
VD0214SBL01

Tot Ion:168 Resp: 378500

Ion Ratio Lower Upper

168 100

99 50.7 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

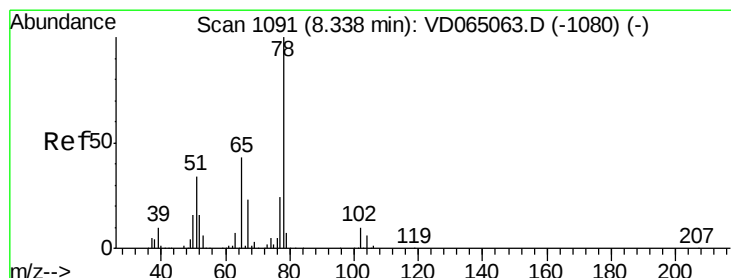
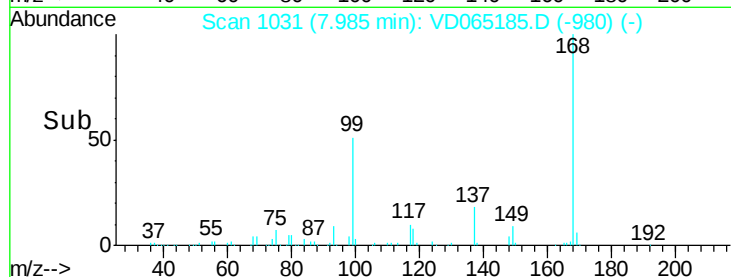
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.658 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065185.D

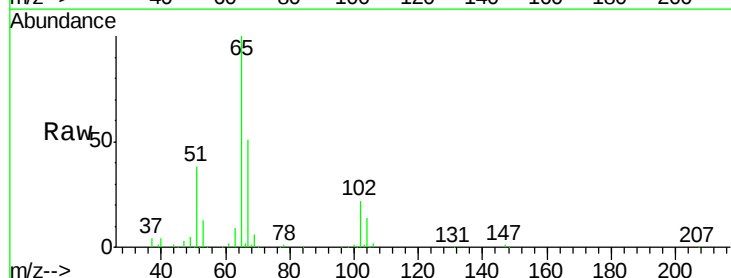
Acq: 14 Feb 2020 11:41

Tgt Ion: 65 Resp: 188699

Ion Ratio Lower Upper

65 100

67 51.9 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

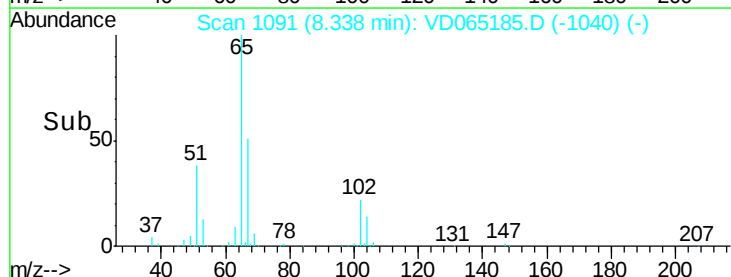
60000

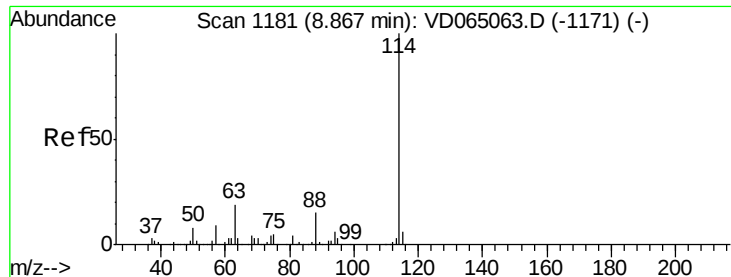
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20000

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Time-->

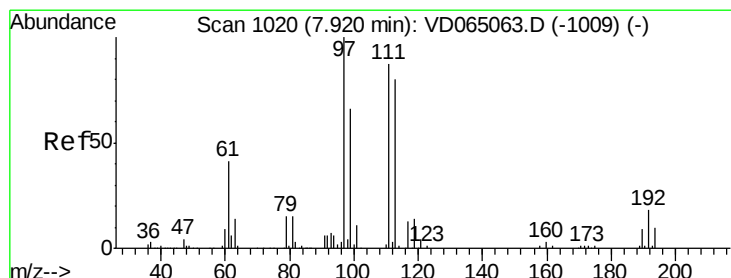
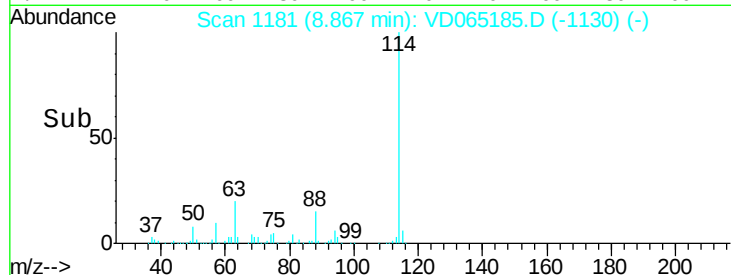
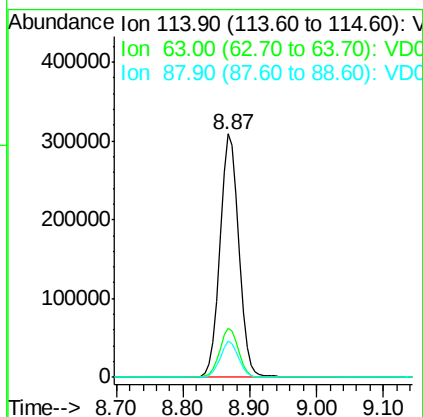
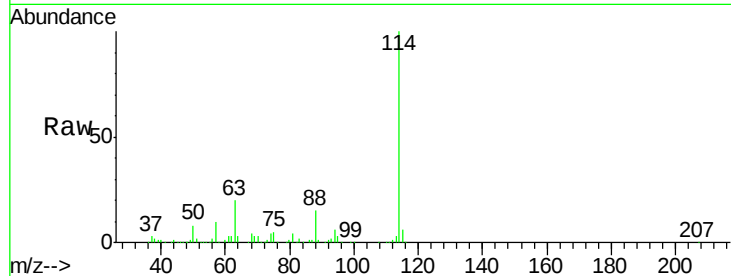




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065185.D
 Acq: 14 Feb 2020 11:41

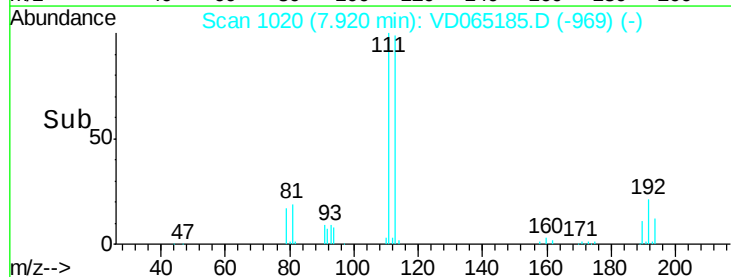
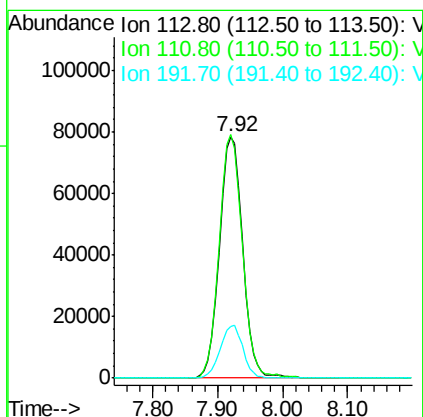
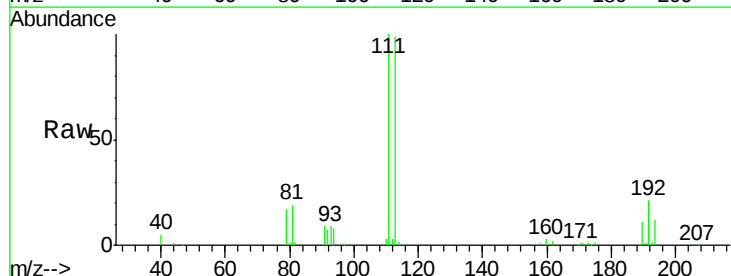
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBL01

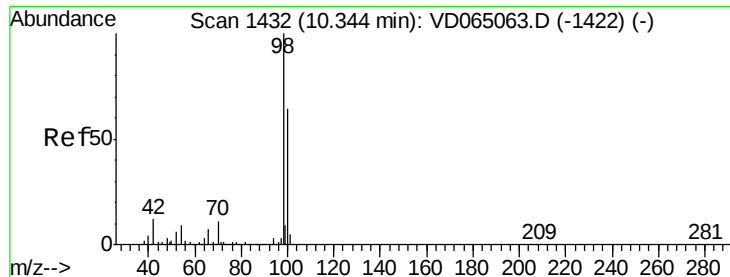
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.8
88	14.9	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 56.117 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065185.D
 Acq: 14 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.1	124.7
192	21.3	18.1	27.1

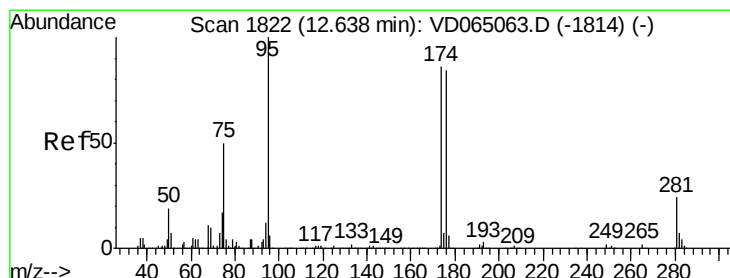
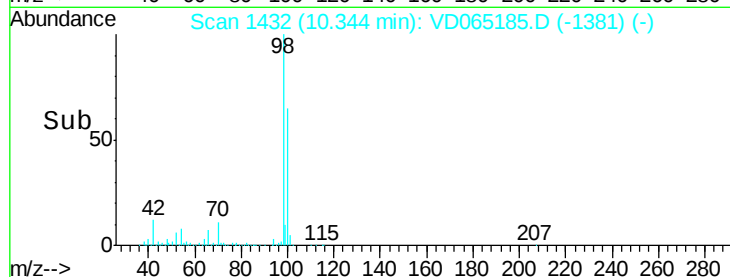
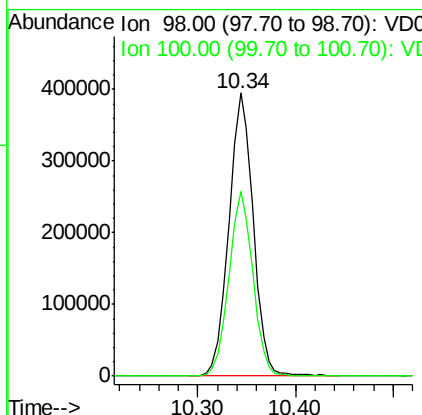
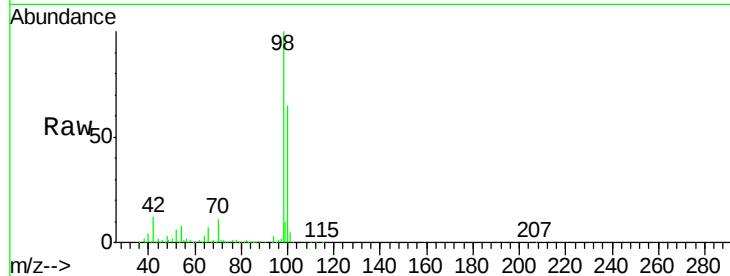




#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

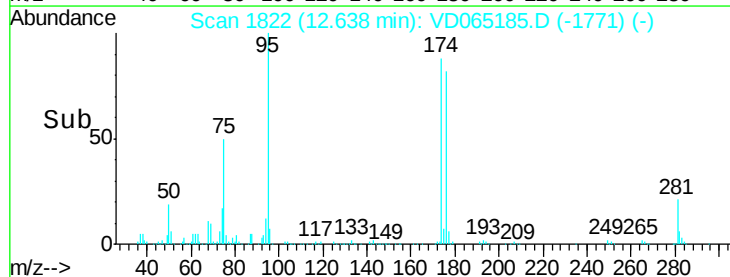
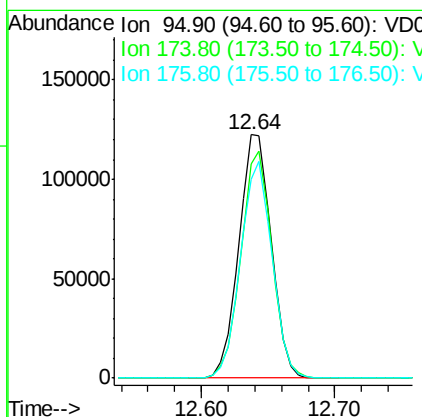
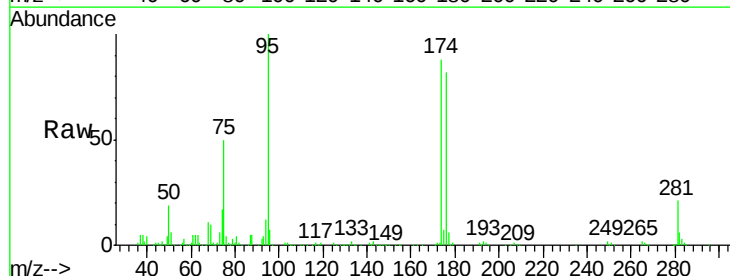
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

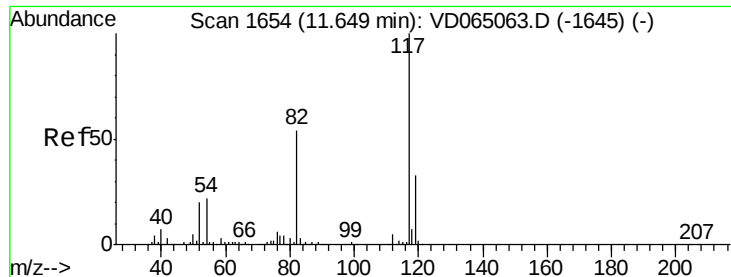
Tot Ion: 98 Resp: 683161
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.025 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Tgt Ion: 95 Resp: 205175
Ion Ratio Lower Upper
95 100
174 89.5 0.0 180.0
176 86.6 0.0 173.2

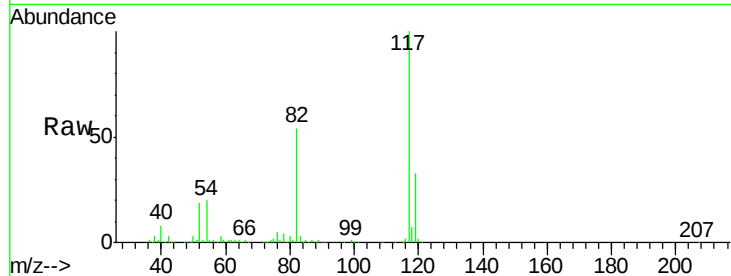




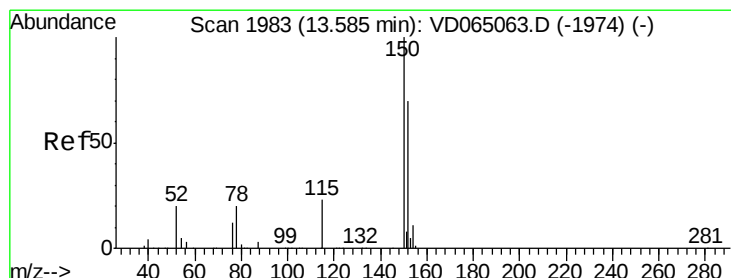
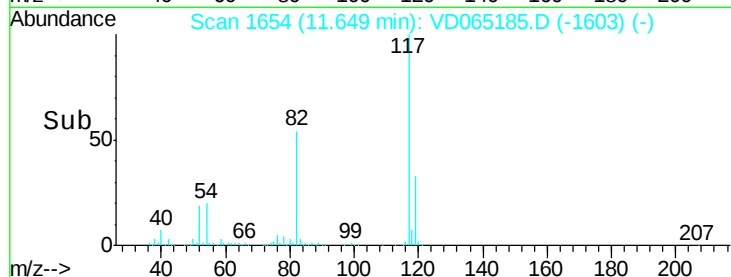
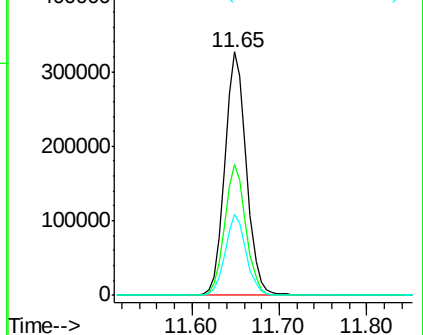
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

Tot Ion:117 Resp: 551959
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 33.2 26.0 39.0

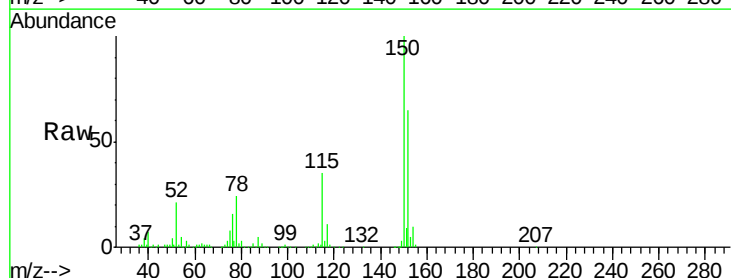


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065185.D
Acq: 14 Feb 2020 11:41

Tgt Ion:152 Resp: 241496
Ion Ratio Lower Upper
152 100
115 56.4 27.5 82.4
150 158.2 0.0 343.2



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

