

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065401.D
 Acq On : 03 Mar 2020 18:26
 Operator : VA/SY
 Sample : L1774-01RE
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223RE

Quant Time: Mar 04 05:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	468324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	806133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	740867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	325012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	259123	61.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.00%	
35) Dibromofluoromethane	7.92	113	267270	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.34	98	973870	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.64	95	296134	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

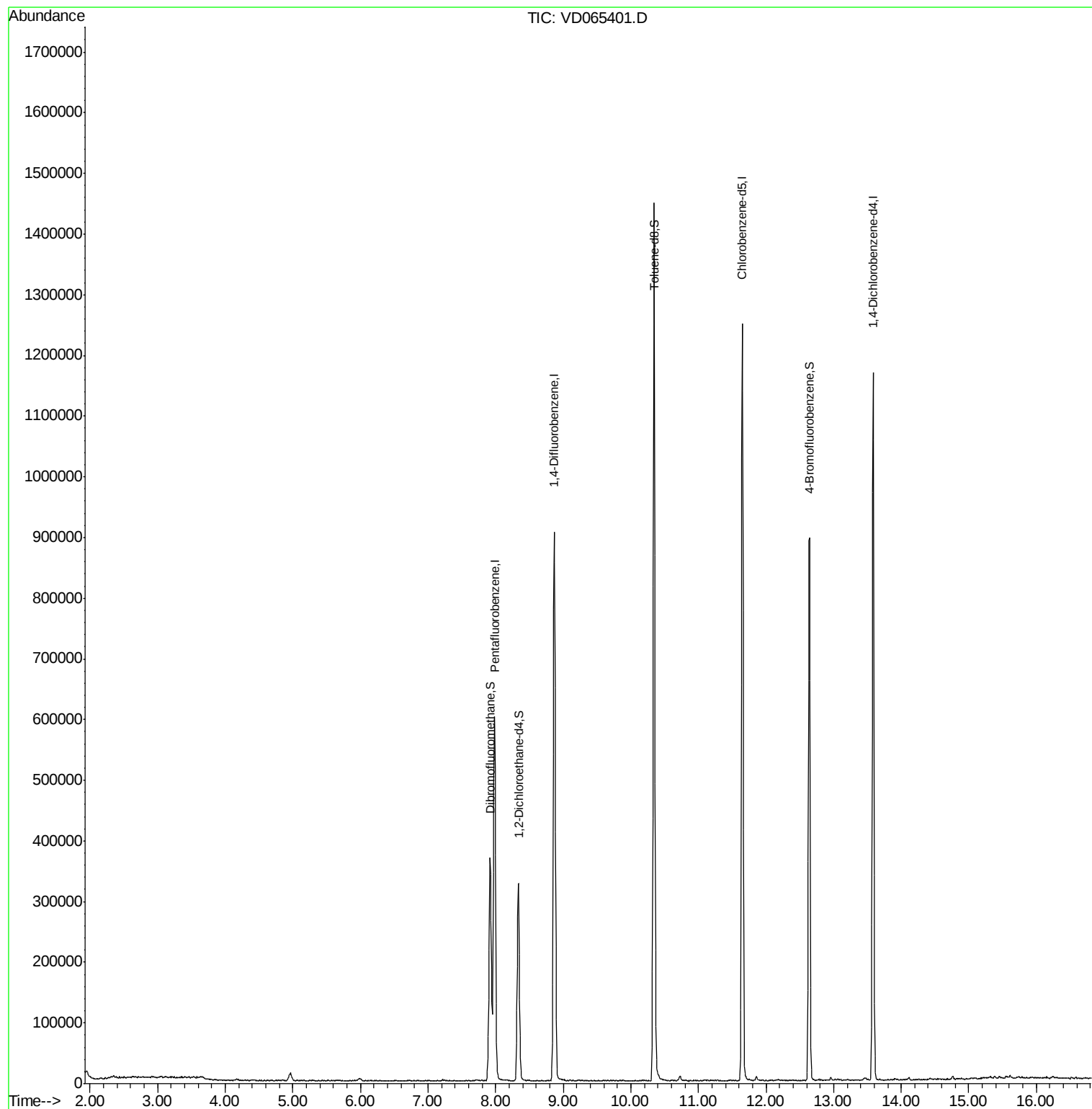
Target Compounds	Qvalue

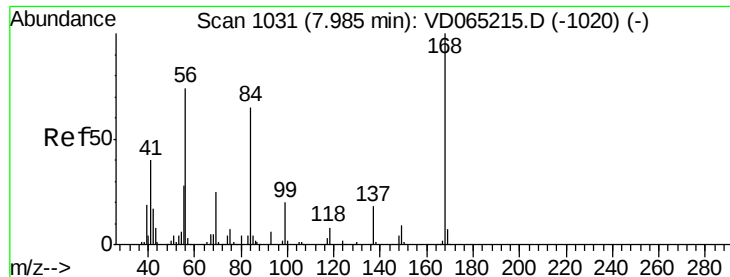
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065401.D

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Instrument :

MSVOA_D

ClientSampleId :

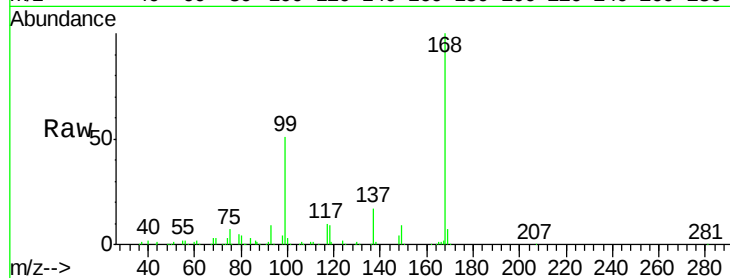
VNJ-223RE

Tot Ion:168 Resp: 468324

Ion Ratio Lower Upper

168 100

99 51.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

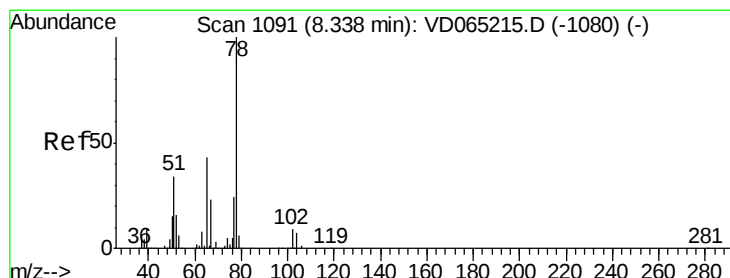
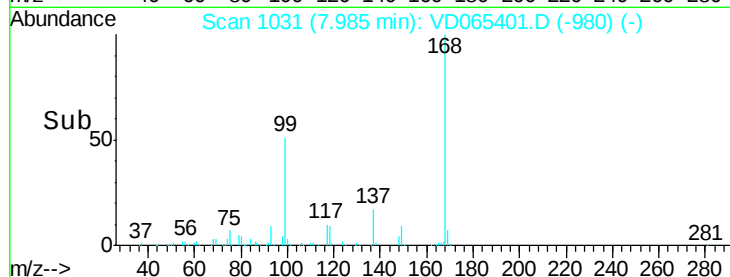
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.504 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065401.D

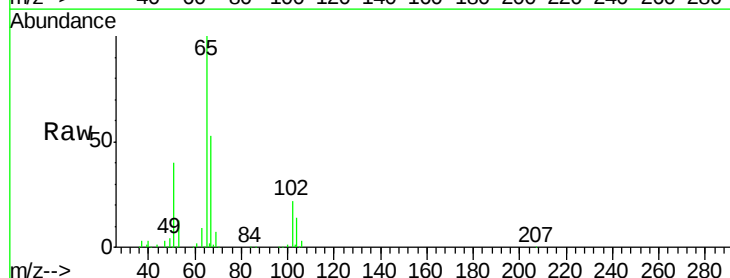
Acq: 03 Mar 2020 18:26

Tgt Ion: 65 Resp: 259123

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

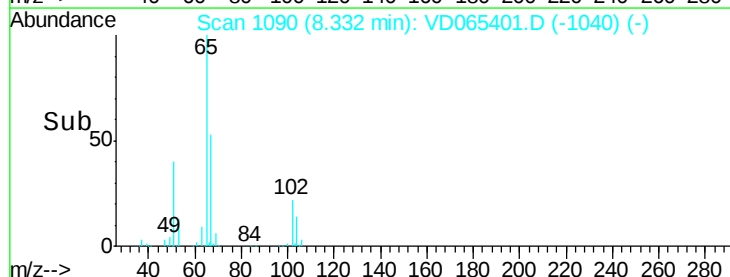
8.33

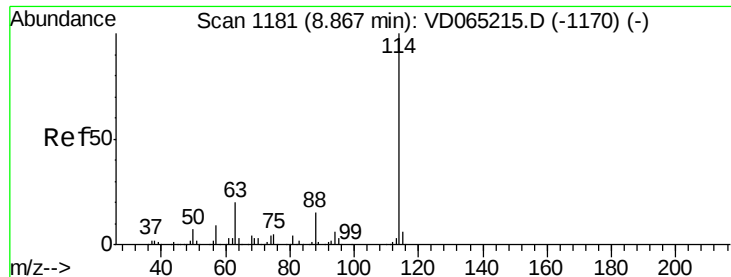
100000

50000

0

Time-->

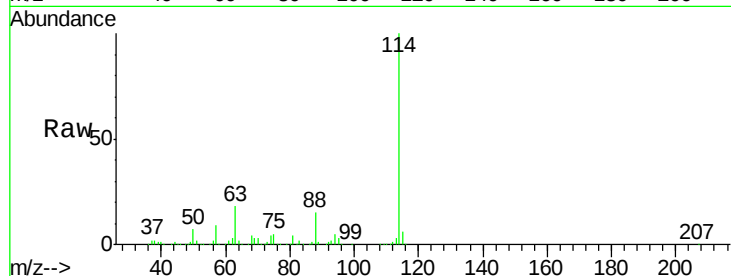




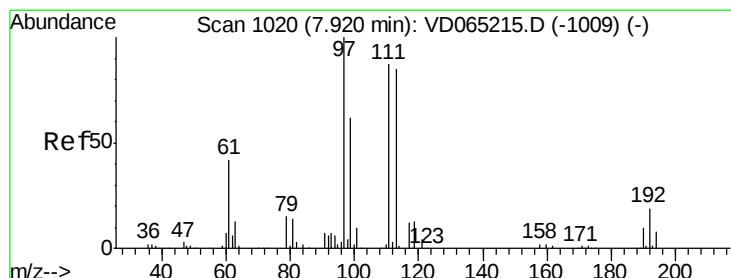
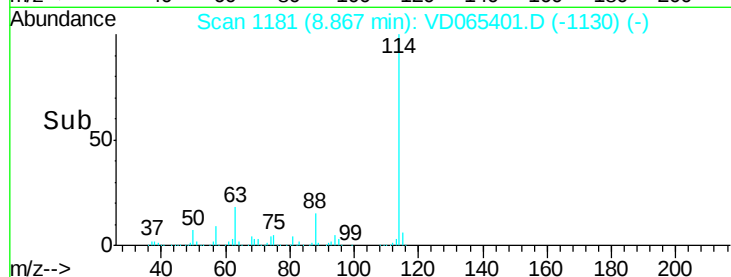
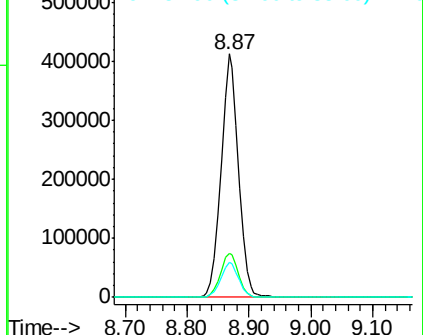
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065401.D
 Acq: 03 Mar 2020 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223RE

Tot Ion:114 Resp: 806133
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.4
 88 14.5 0.0 30.4

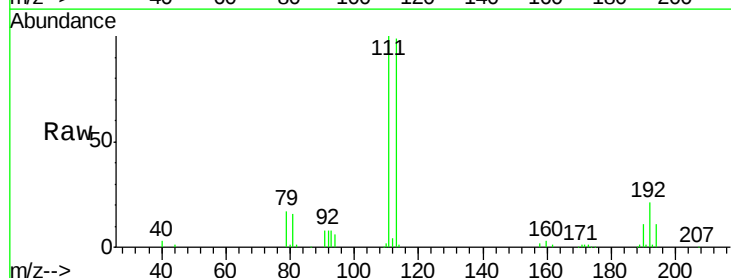


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

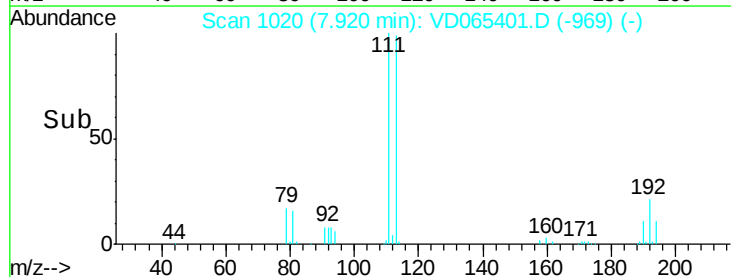
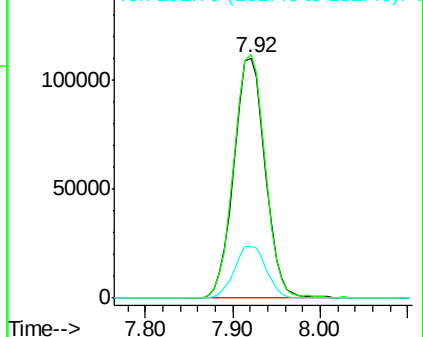


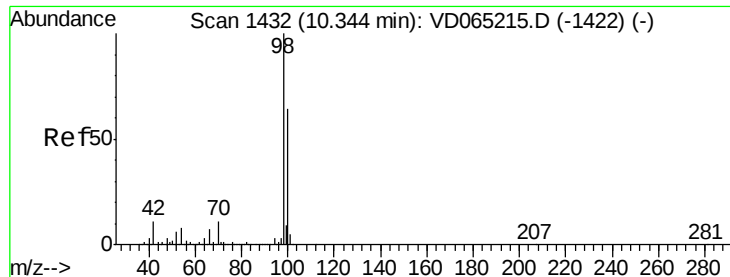
#35
 Dibromofluoromethane
 Concen: 54.375 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065401.D
 Acq: 03 Mar 2020 18:26

Tgt Ion:113 Resp: 267270
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 22.0 17.3 25.9



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

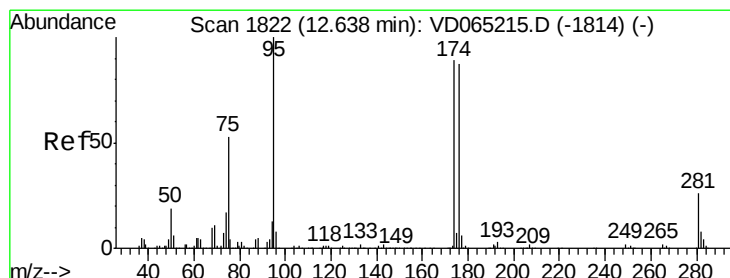
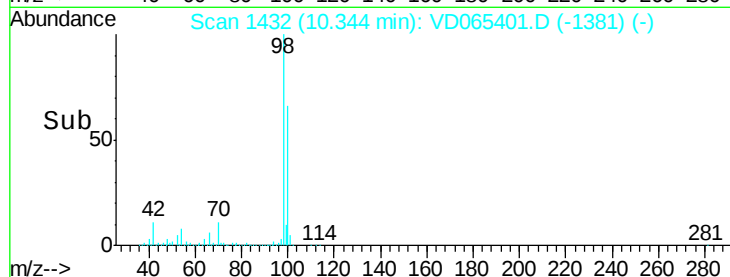
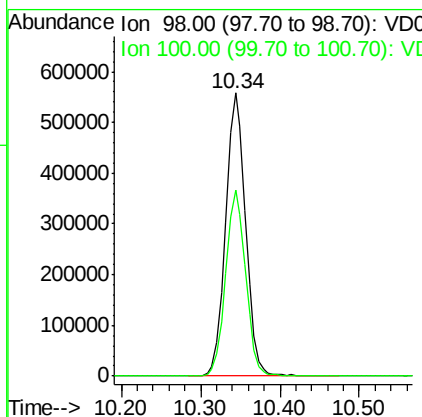
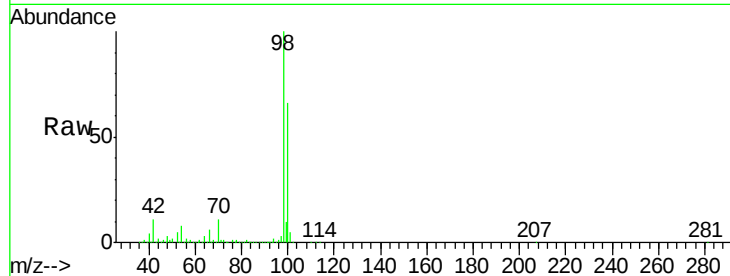




#50
Toluene-d8
Concen: 51.827 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

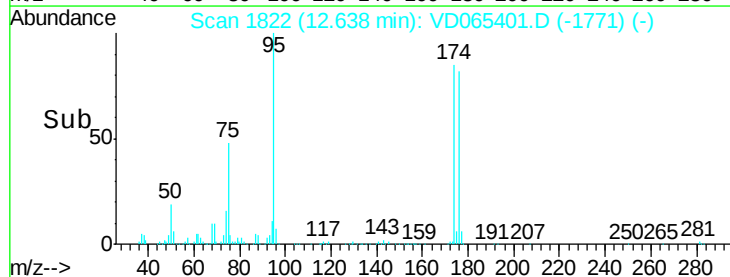
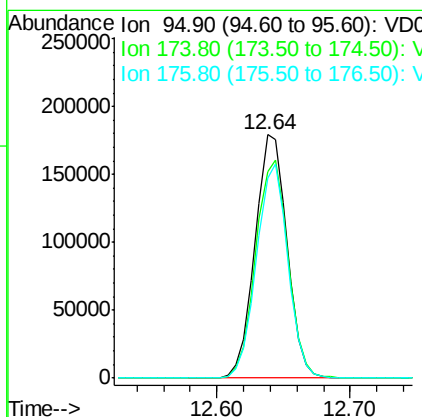
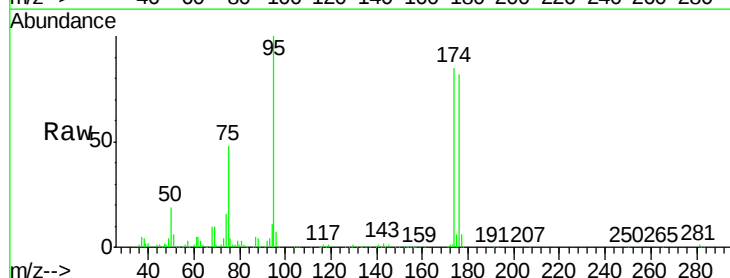
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223RE

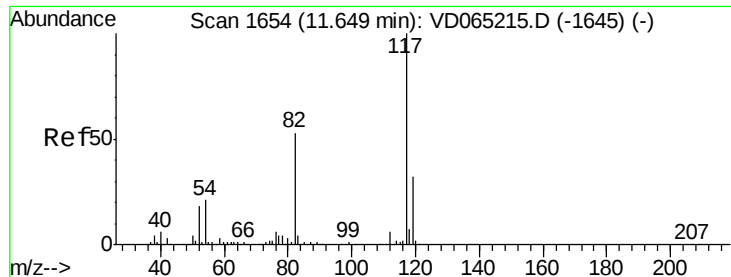
Tot Ion: 98 Resp: 973870
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.747 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Tgt Ion: 95 Resp: 296134
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.0
176 86.3 0.0 174.4

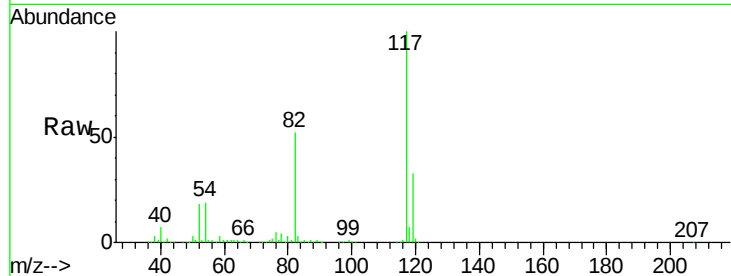




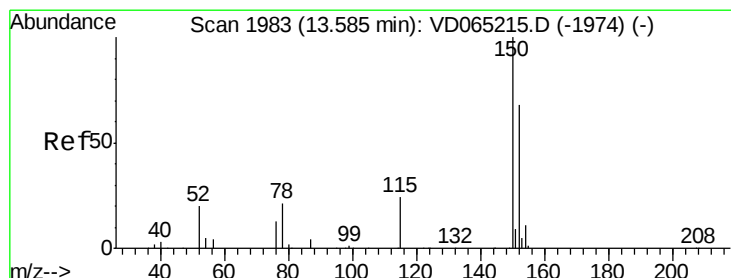
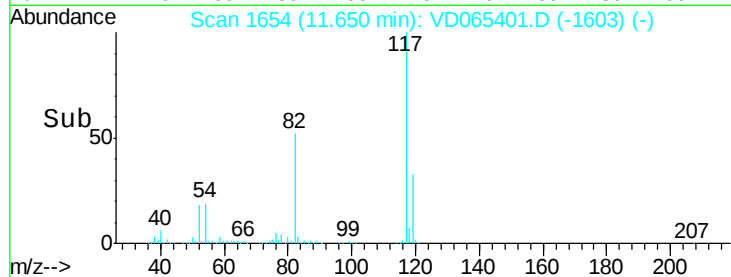
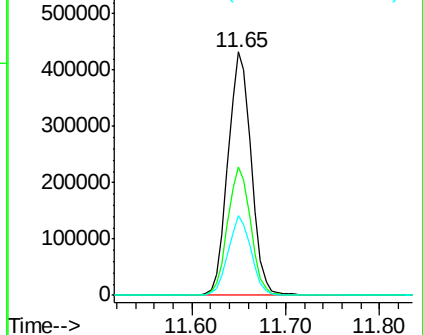
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-223RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.7	64.1
119	32.7	25.5	38.3

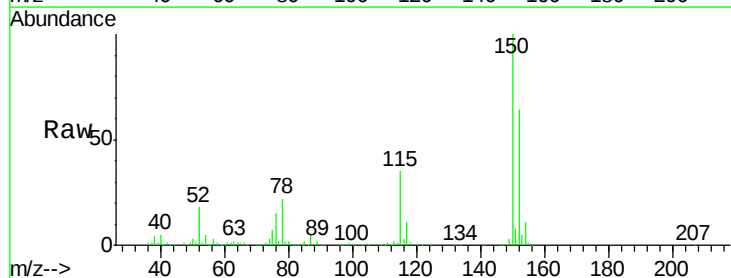


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065401.D
Acq: 03 Mar 2020 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.6	82.8
150	158.0	0.0	347.4



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

