

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067865.D
 Acq On : 03 Dec 2020 13:44
 Operator : VA/SY
 Sample : L4936-01
 Misc : 3.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-214

Quant Time: Dec 04 01:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	220065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	307237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	257621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113704	48.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.26%
35) Dibromofluoromethane	7.92	113	96217	46.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.60%
50) Toluene-d8	10.34	98	350292	47.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.66%
62) 4-Bromofluorobenzene	12.64	95	97268	38.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.04%

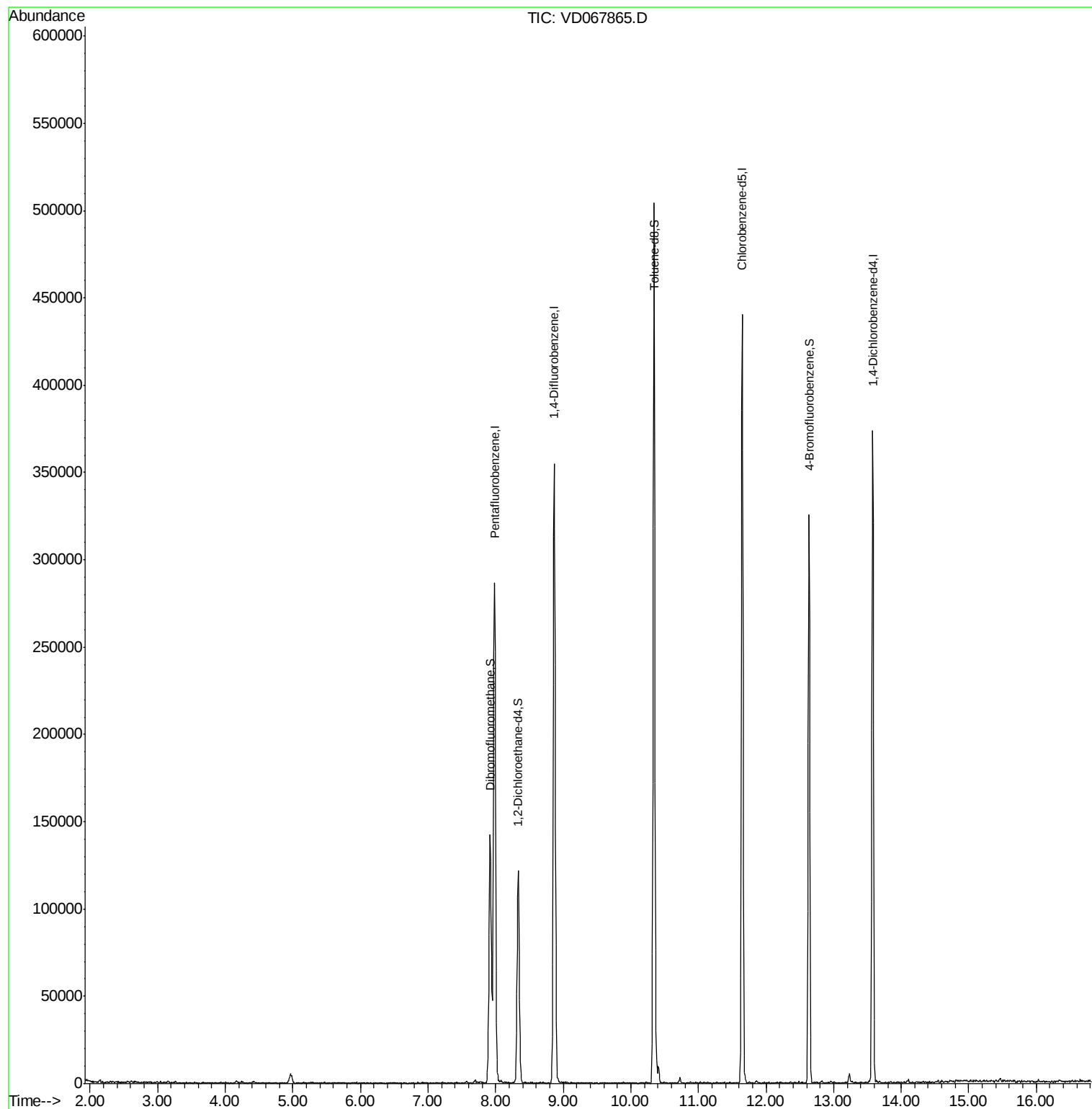
Target Compounds	Qvalue

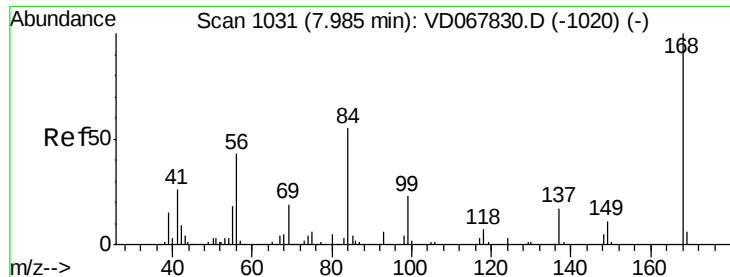
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067865.D

Acq: 03 Dec 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

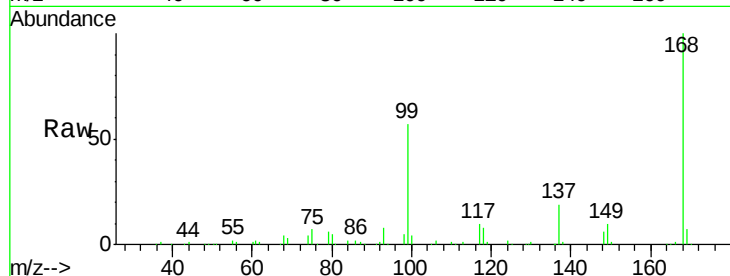
VNJ-214

Tot Ion:168 Resp: 220065

Ion Ratio Lower Upper

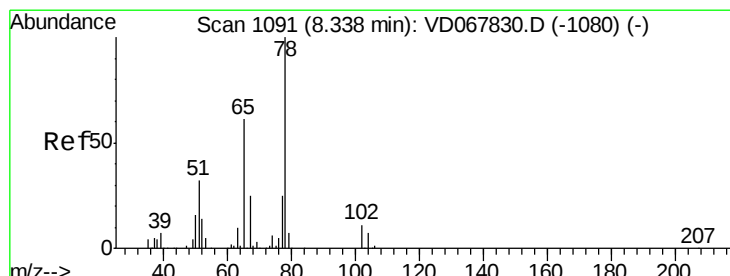
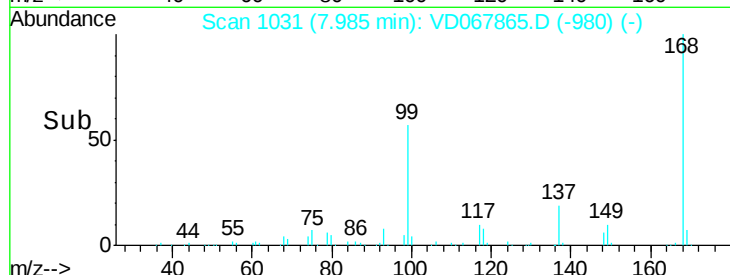
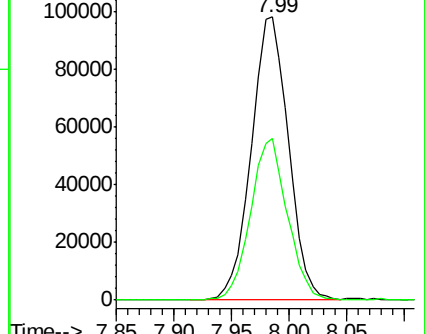
168 100

99 57.2 47.1 70.7



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: 48.129 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067865.D

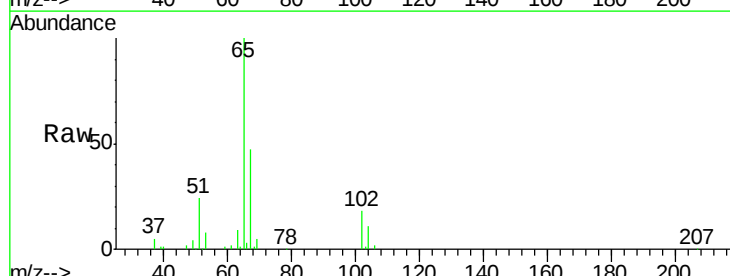
Acq: 03 Dec 2020 13:44

Tgt Ion: 65 Resp: 113704

Ion Ratio Lower Upper

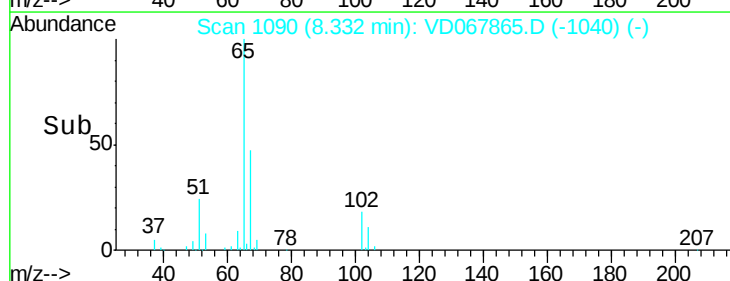
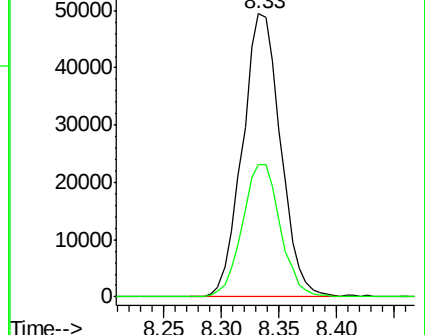
65 100

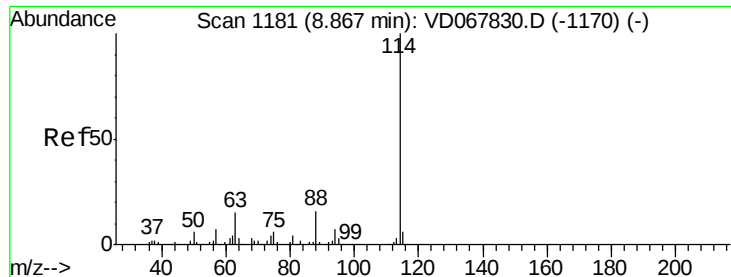
67 46.5 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

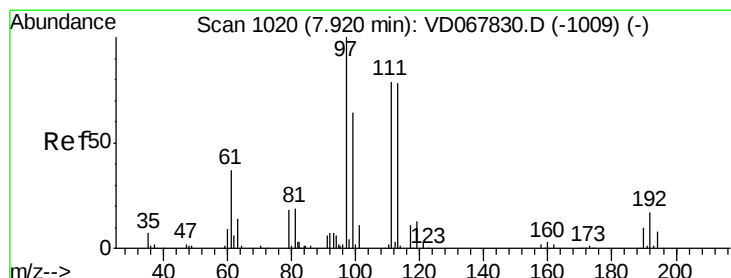
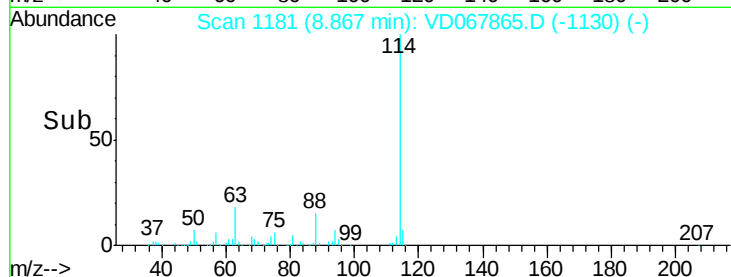
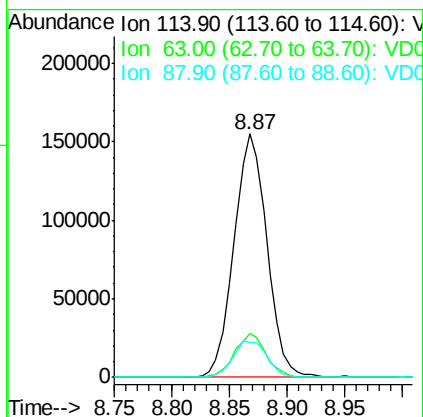
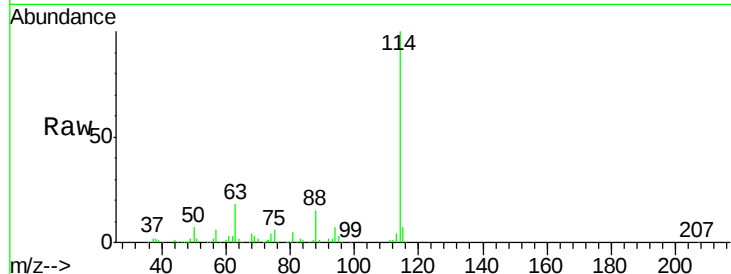




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067865.D
 Acq: 03 Dec 2020 13:44

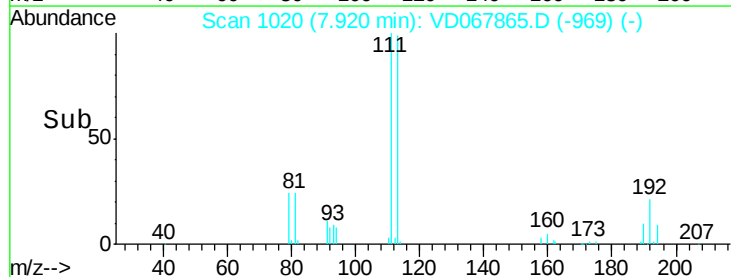
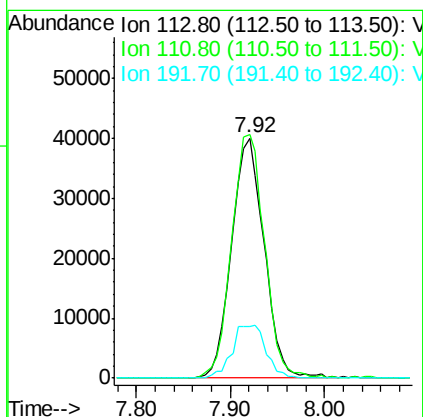
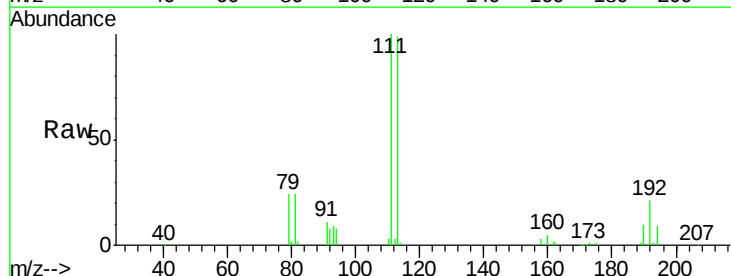
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-214

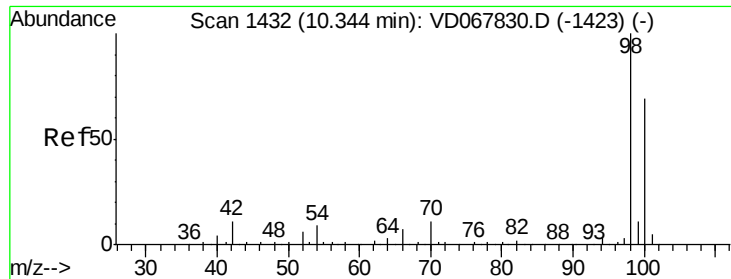
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	30.8
88	14.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 46.801 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067865.D
 Acq: 03 Dec 2020 13:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	22.7	16.8	25.2





#50

Toluene-d8

Concen: 47.332 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067865.D

Acq: 03 Dec 2020 13:44

Instrument :

MSVOA_D

ClientSampled :

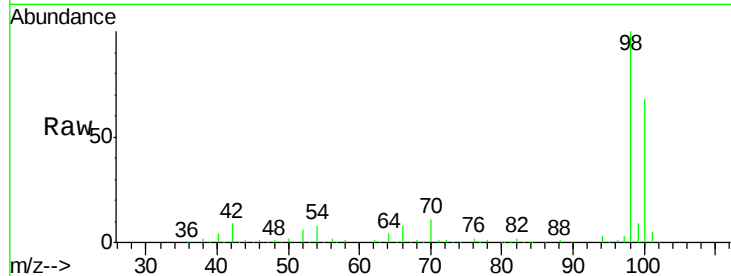
VNJ-214

Tot Ion: 98 Resp: 350292

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

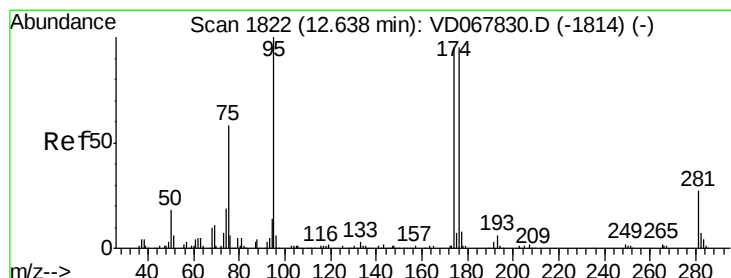
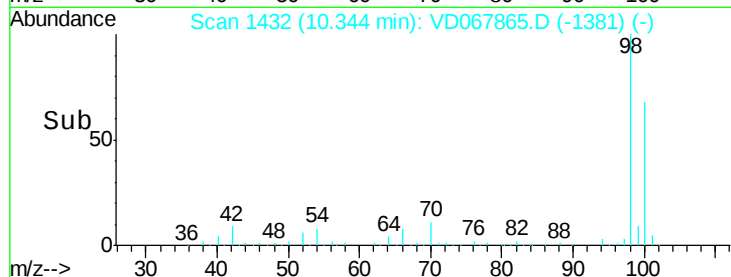
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067865.D

Acq: 03 Dec 2020 13:44

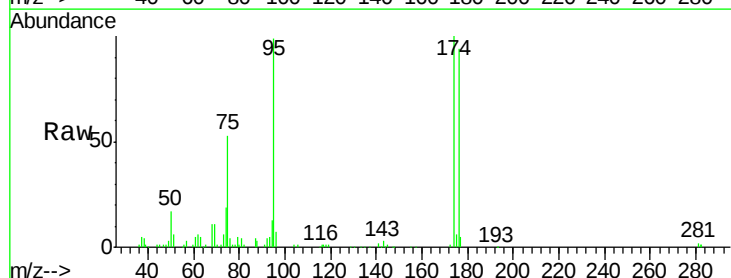
Tgt Ion: 95 Resp: 97268

Ion Ratio Lower Upper

95 100

174 98.8 0.0 186.0

176 93.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

80000

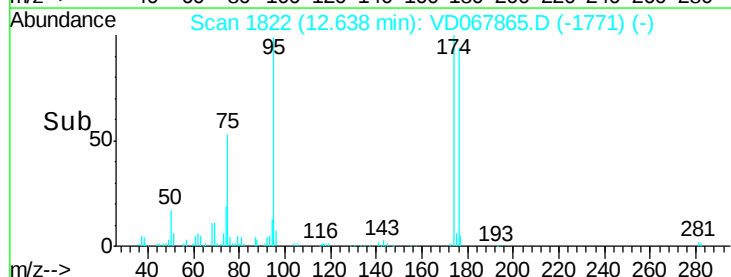
60000

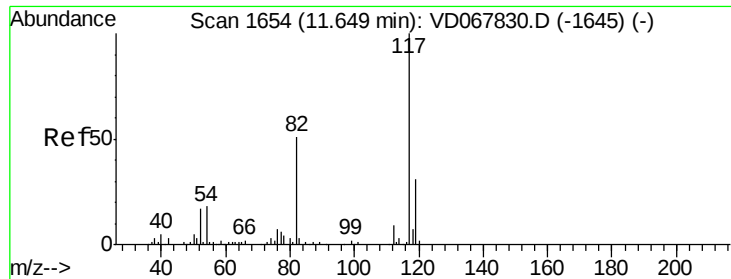
40000

20000

0

Time-->

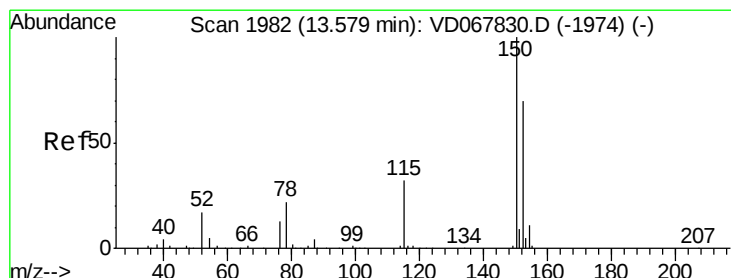
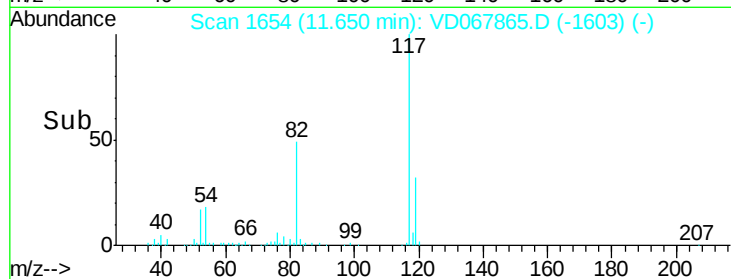
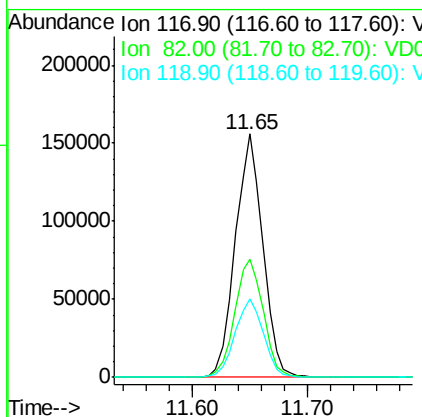
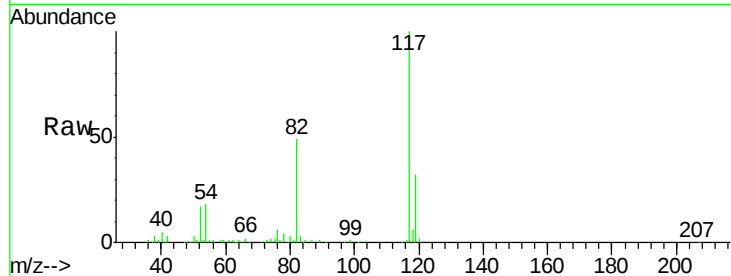




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067865.D
Acq: 03 Dec 2020 13:44

Instrument :
MSVOA_D
ClientSampleId :
VNJ-214

Tot Ion:117 Resp: 257621
Ion Ratio Lower Upper
117 100
82 48.6 40.6 60.8
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067865.D
Acq: 03 Dec 2020 13:44

Tgt Ion:152 Resp: 104711
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 156.1 0.0 339.0

