

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031620\
 Data File : VD065514.D
 Acq On : 16 Mar 2020 16:01
 Operator : VA/SY
 Sample : L1949-03
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-219

Quant Time: Mar 17 07:42:43 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	549615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	909421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	837715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	376394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	259520	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.92	113	291856	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.34	98	1085921	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.64	95	337232	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

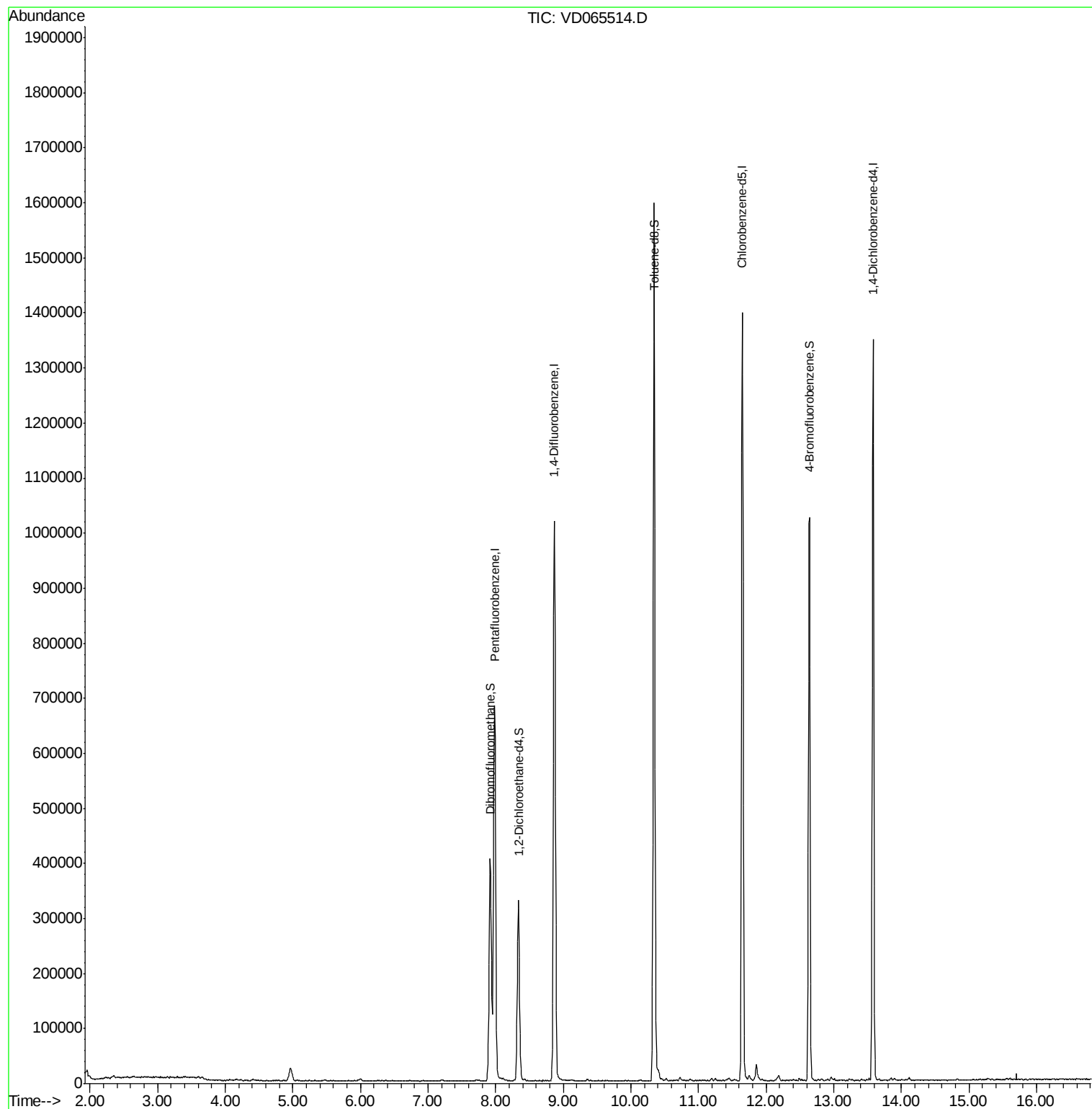
Target Compounds	Qvalue

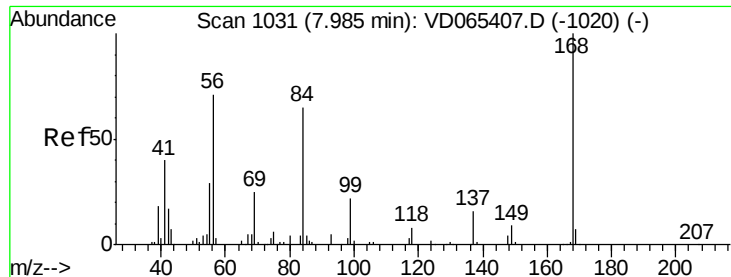
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065514.D

Acq: 16 Mar 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

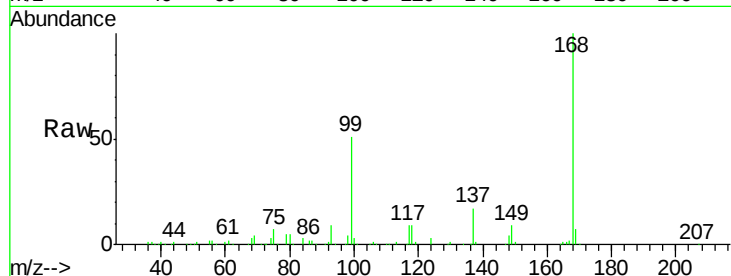
VNJ-219

Tot Ion:168 Resp: 549615

Ion Ratio Lower Upper

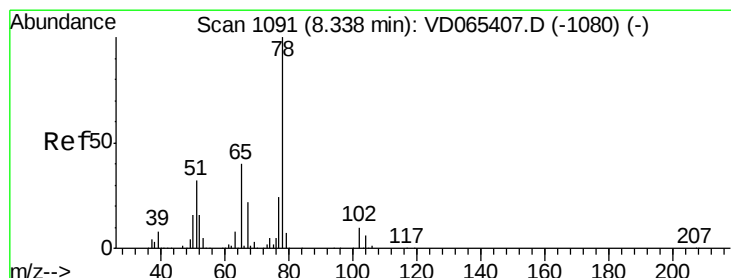
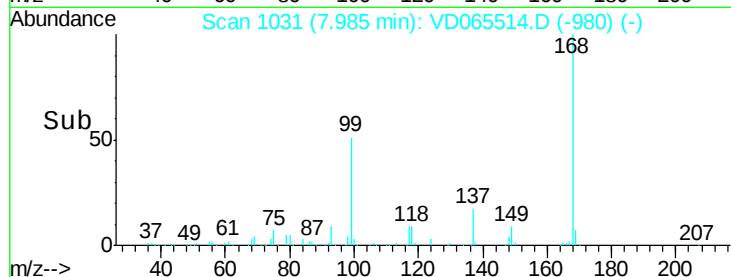
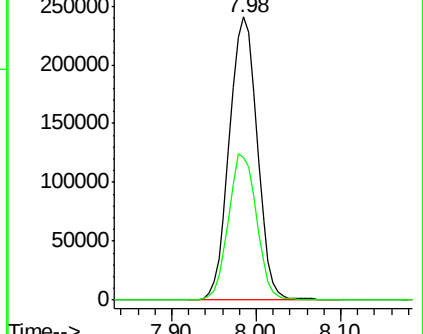
168 100

99 50.5 41.5 62.3



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: 55.046 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065514.D

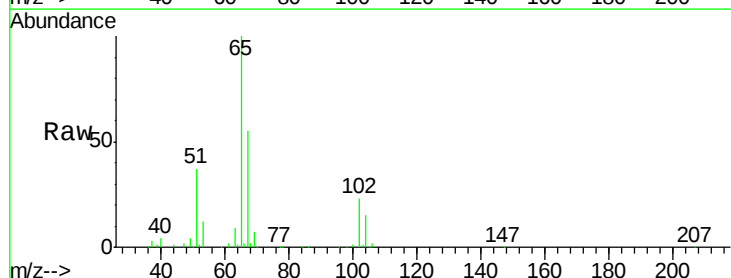
Acq: 16 Mar 2020 16:01

Tgt Ion: 65 Resp: 259520

Ion Ratio Lower Upper

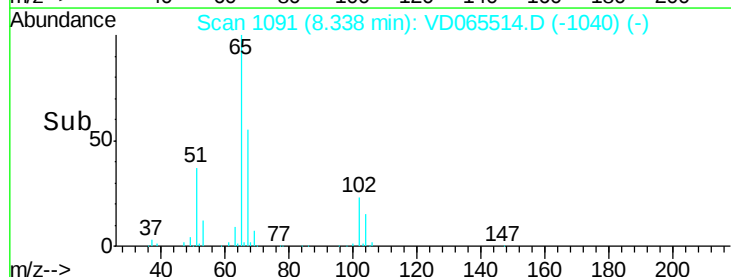
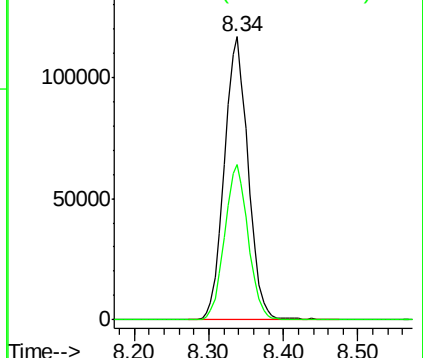
65 100

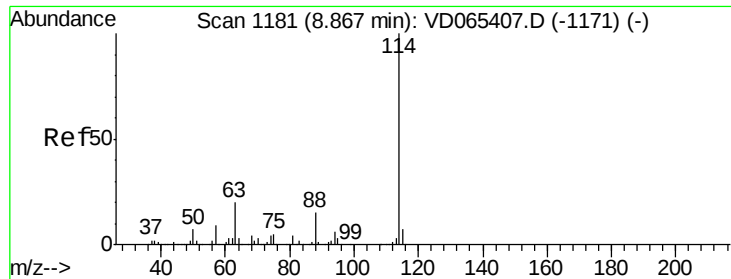
67 54.3 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

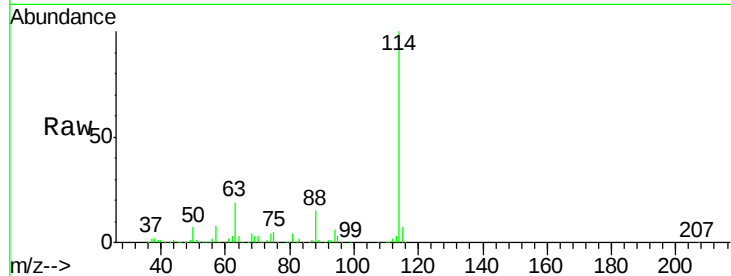




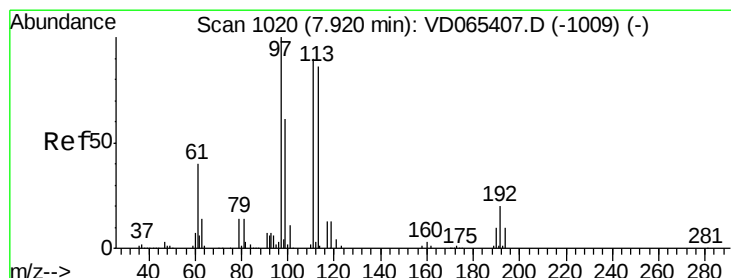
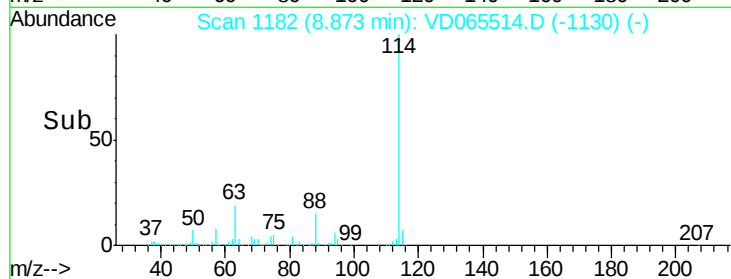
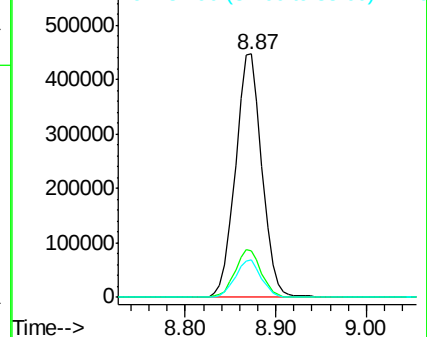
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065514.D
 Acq: 16 Mar 2020 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-219

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.2	0.0	30.4

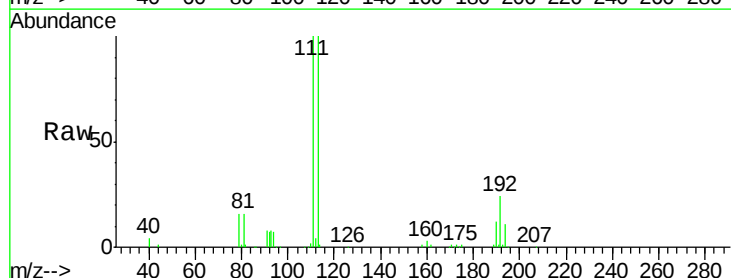


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

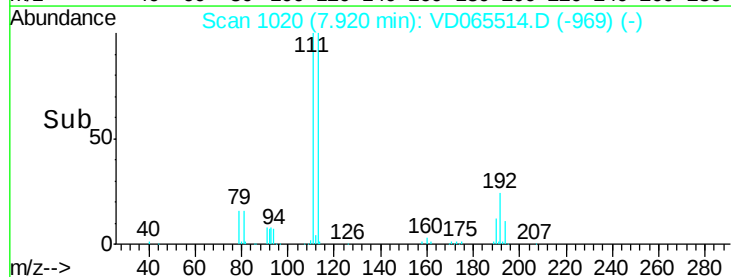
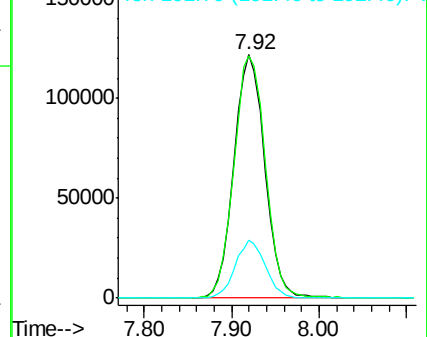


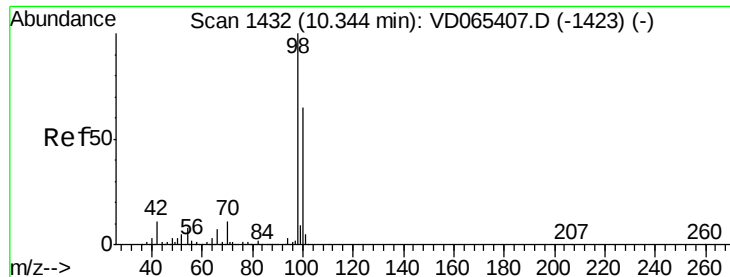
#35
 Dibromofluoromethane
 Concen: 51.895 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065514.D
 Acq: 16 Mar 2020 16:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	23.0	17.2	25.8



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

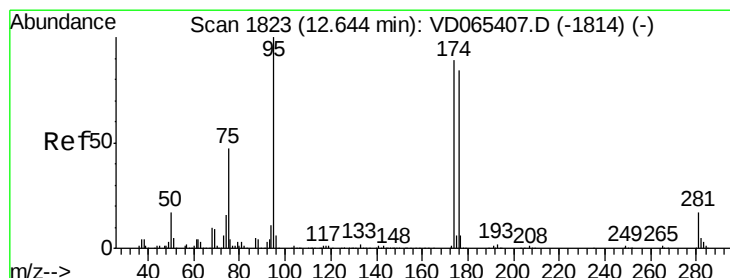
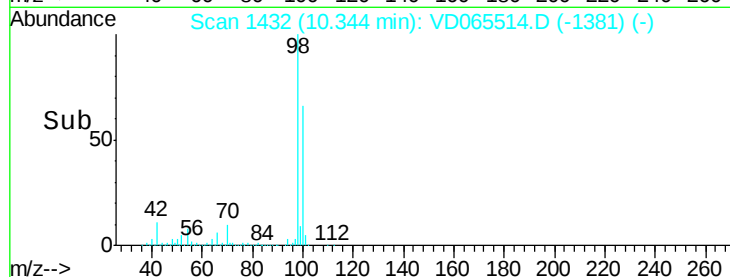
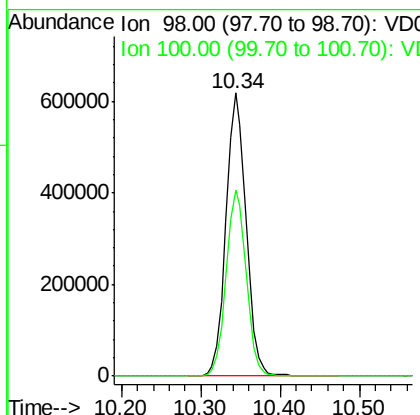
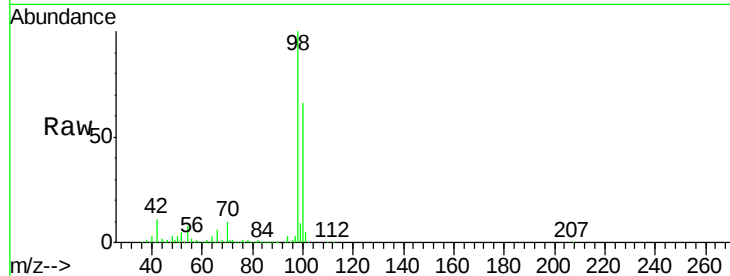




#50
Toluene-d8
Concen: 50.331 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065514.D
Acq: 16 Mar 2020 16:01

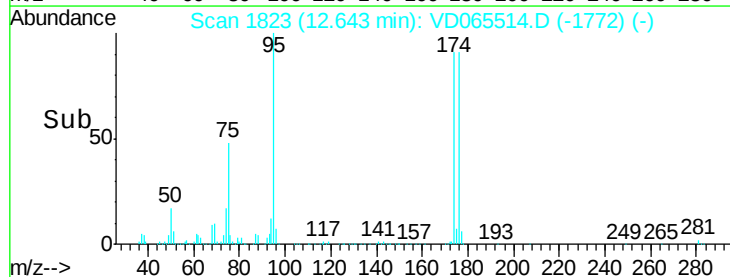
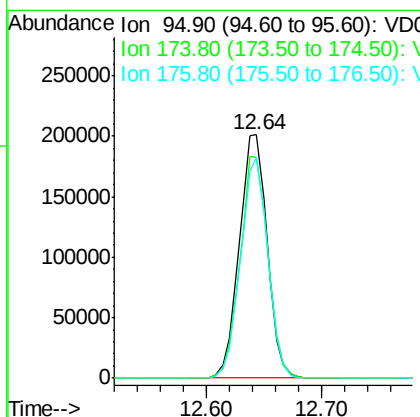
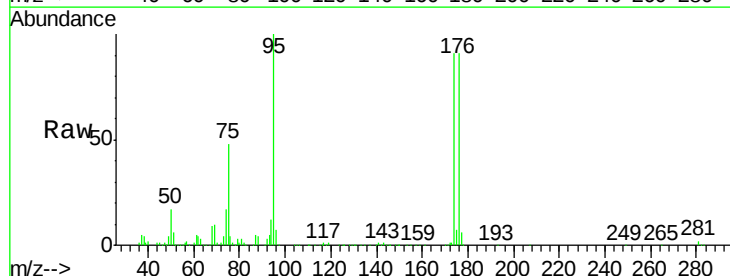
Instrument :
MSVOA_D
ClientSampleId :
VNJ-219

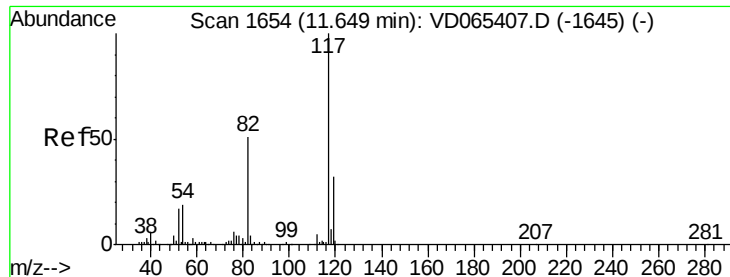
Tot Ion: 98 Resp: 1085921
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.632 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VD065514.D
Acq: 16 Mar 2020 16:01

Tgt Ion: 95 Resp: 337232
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.8
176 88.1 0.0 171.4

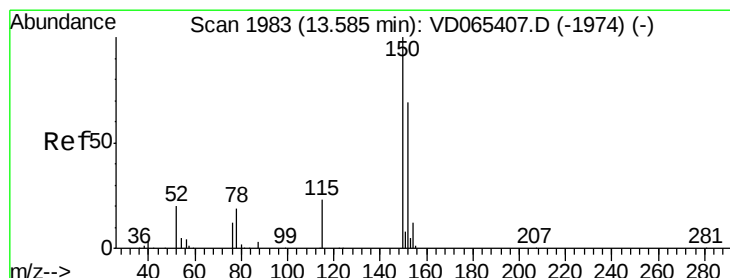
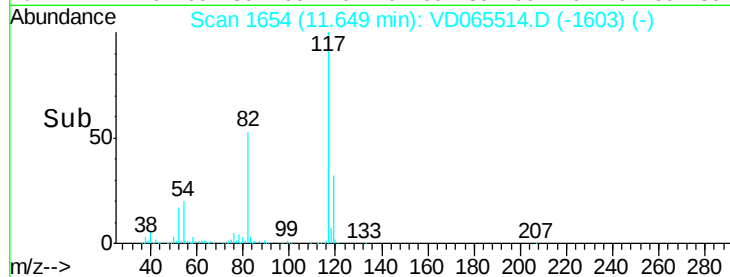
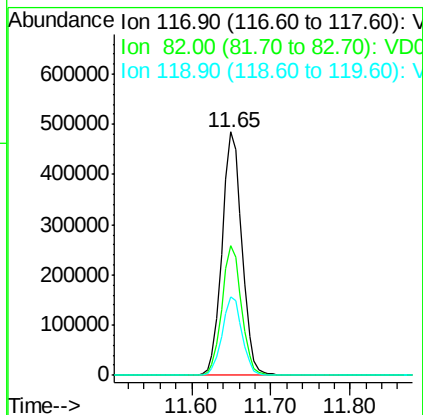
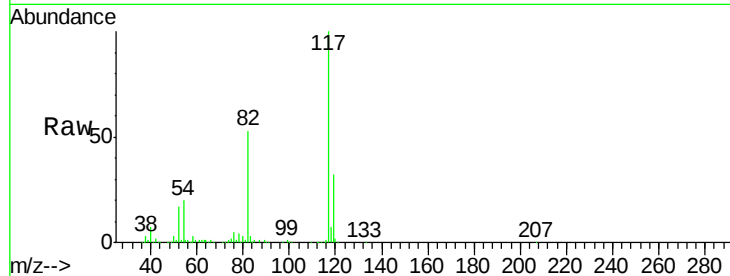




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065514.D
Acq: 16 Mar 2020 16:01

Instrument :
MSVOA_D
ClientSampleId :
VNJ-219

Tot Ion:117 Resp: 837715
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.3 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: VD065514.D
Acq: 16 Mar 2020 16:01

Tgt Ion:152 Resp: 376394
Ion Ratio Lower Upper
152 100
115 54.5 27.6 82.8
150 156.2 0.0 345.0

