

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065344.D
 Acq On : 27 Feb 2020 14:58
 Operator : VA/SY
 Sample : L1718-07
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Feb 28 01:14:03 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	7.98	168	539130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	896009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	795049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278516	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
35) Dibromofluoromethane	7.92	113	284997	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	1067600	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	314995	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

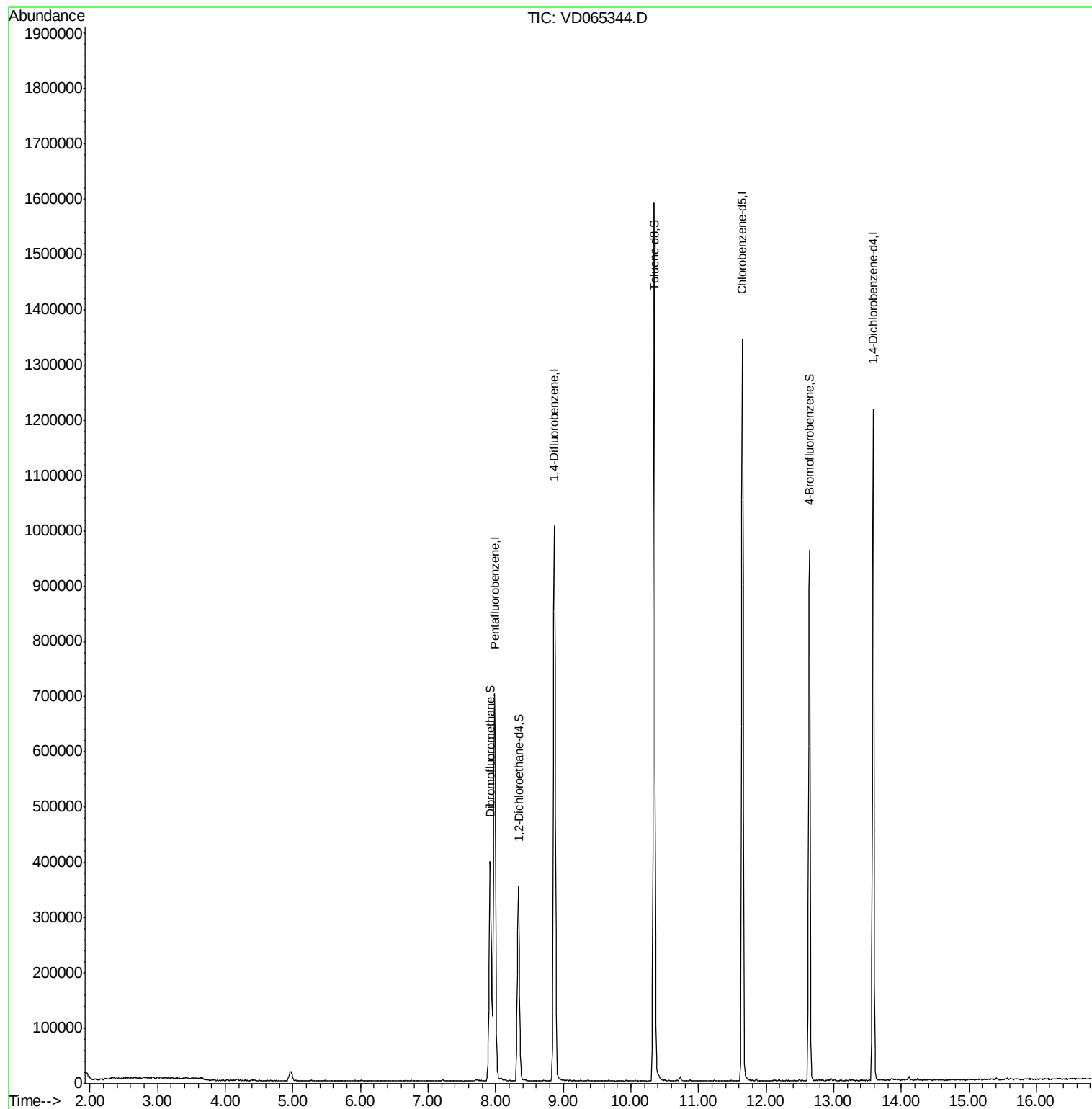
Target Compounds	Qvalue

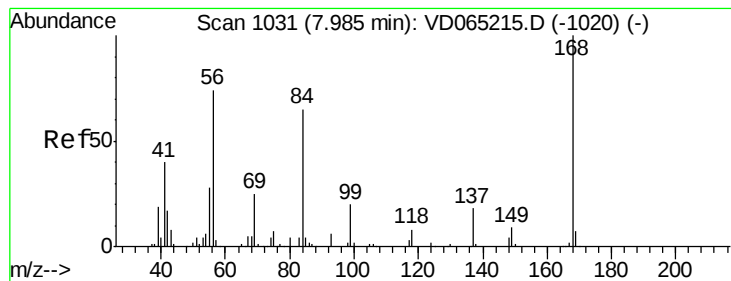
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065344.D

Acq: 27 Feb 2020 14:58

Instrument :

MSVOA_D

ClientSampled :

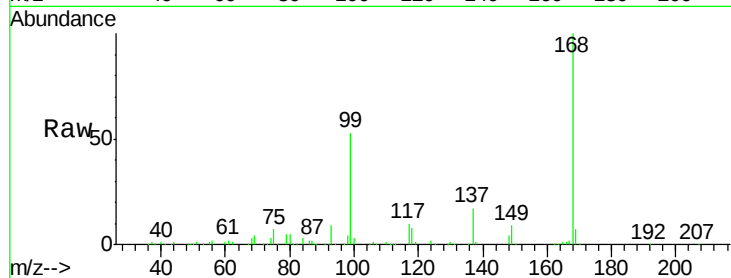
VNJ-232

Tot Ion:168 Resp: 539130

Ion Ratio Lower Upper

168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

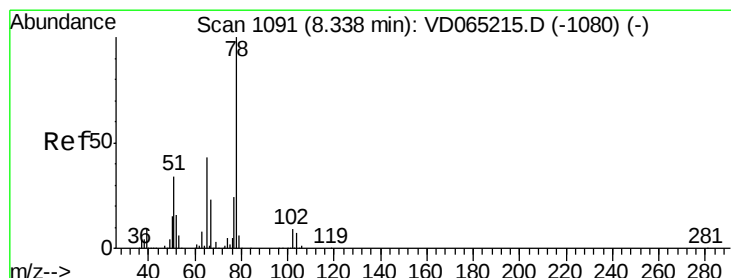
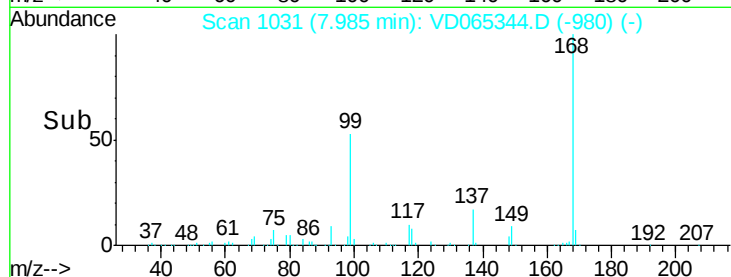
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.425 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065344.D

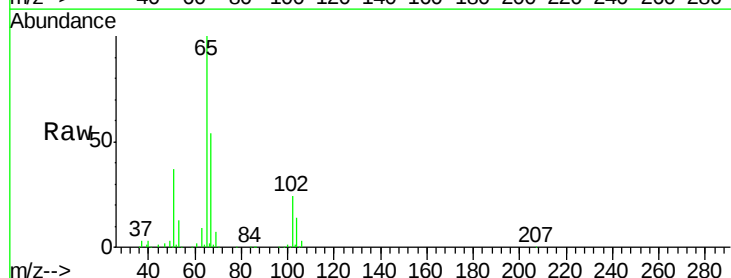
Acq: 27 Feb 2020 14:58

Tgt Ion: 65 Resp: 278516

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

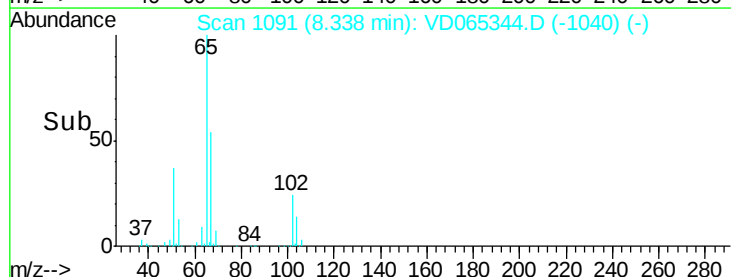
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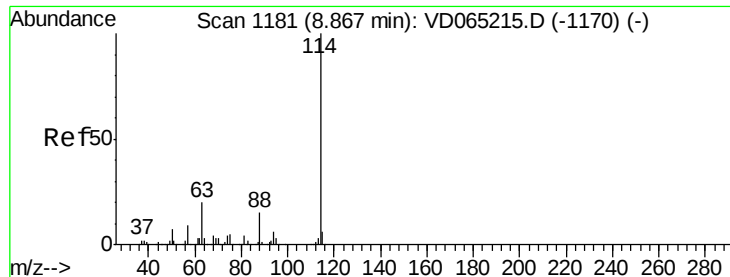
100000

50000

0

Time-->

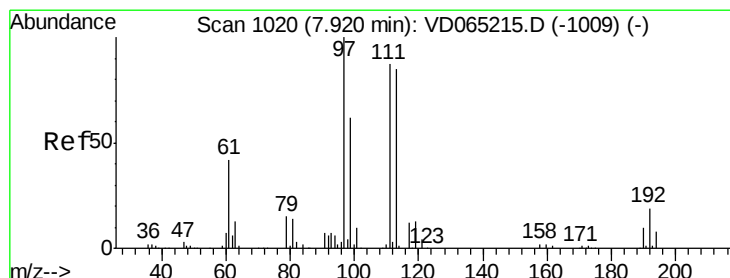
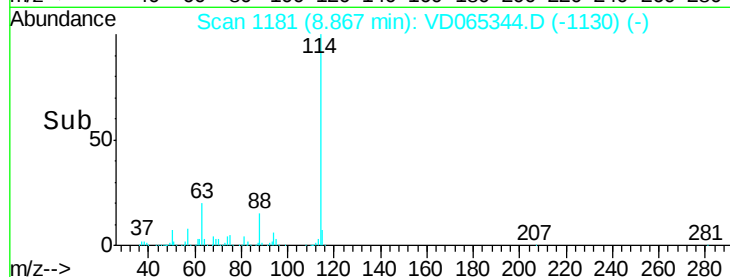
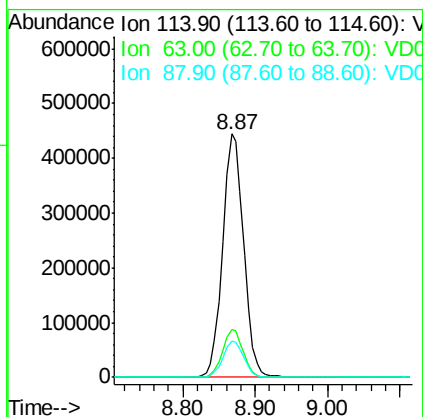
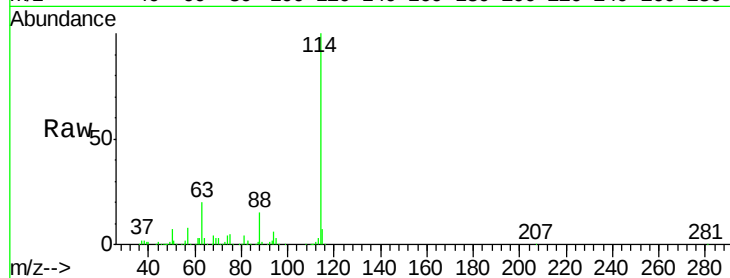




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065344.D
 Acq: 27 Feb 2020 14:58

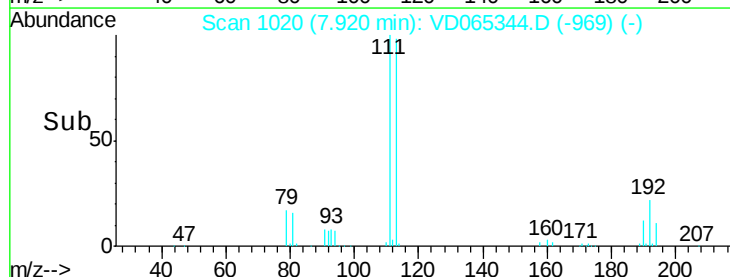
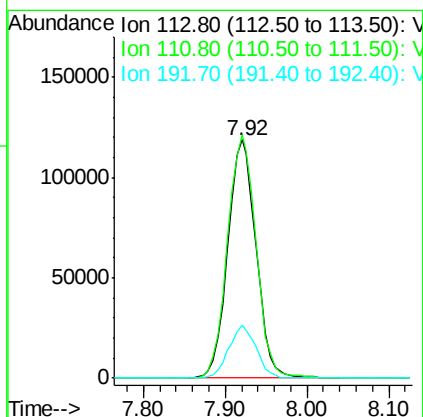
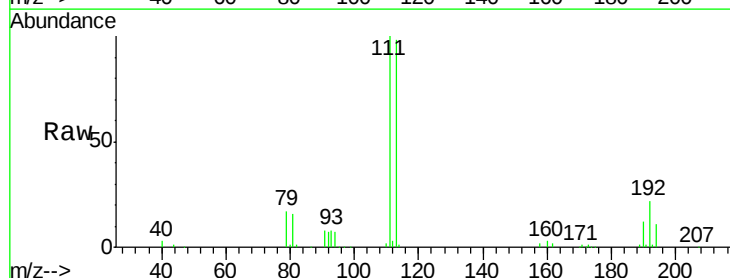
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Tot Ion:114 Resp: 896009
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 14.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.165 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065344.D
 Acq: 27 Feb 2020 14:58

Tgt Ion:113 Resp: 284997
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 21.7 17.3 25.9

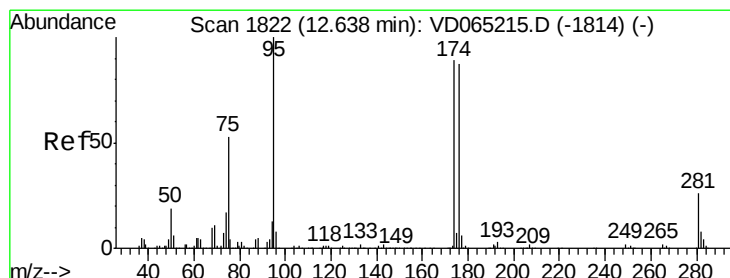
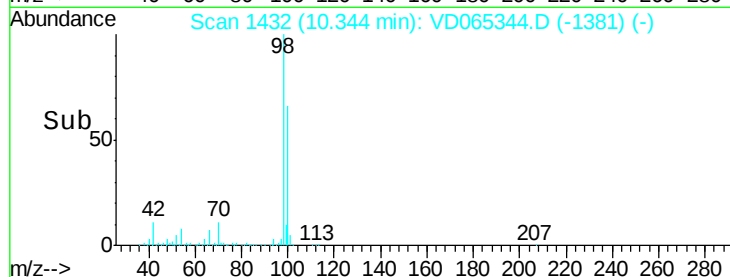
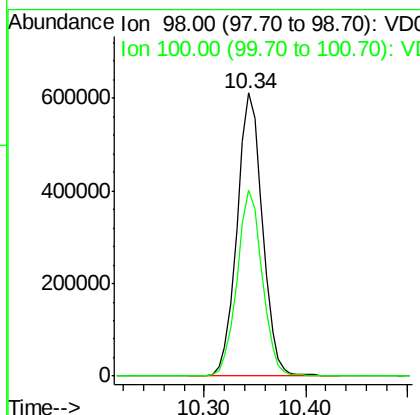
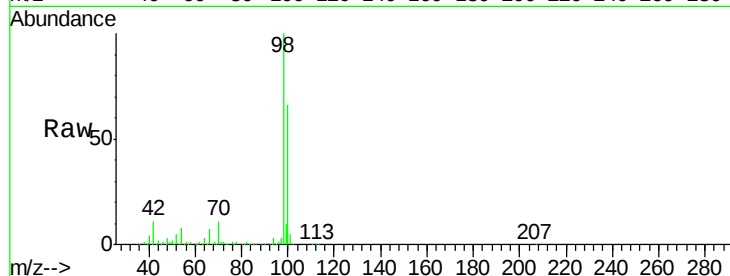




#50
Toluene-d8
Concen: 51.116 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065344.D
Acq: 27 Feb 2020 14:58

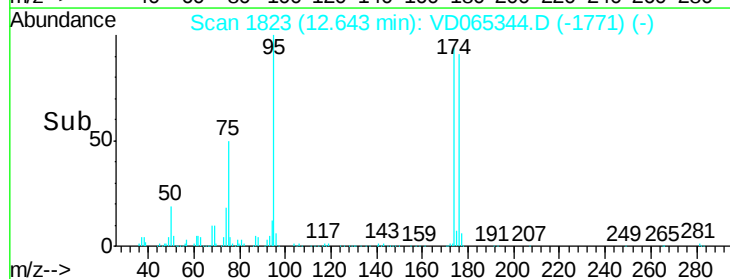
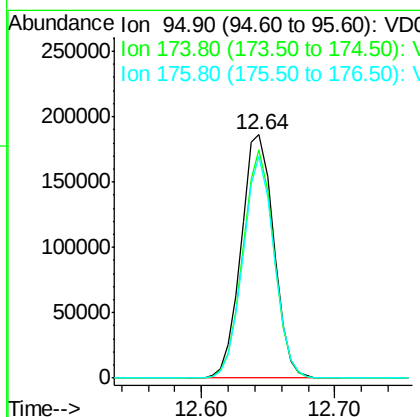
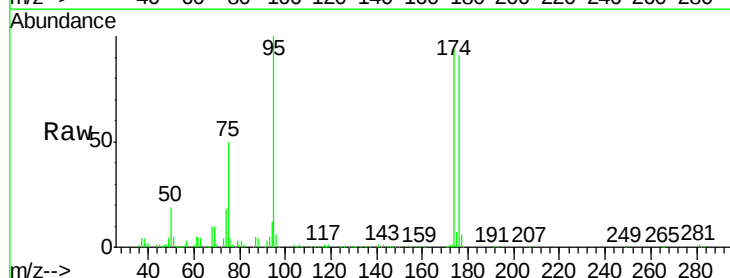
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

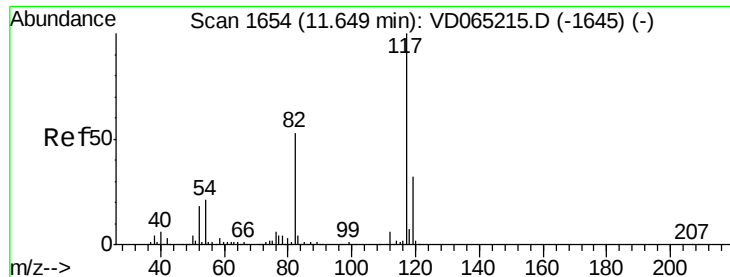
Tot Ion: 98 Resp: 1067600
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.608 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065344.D
Acq: 27 Feb 2020 14:58

Tgt Ion: 95 Resp: 314995
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.0
176 86.7 0.0 174.4

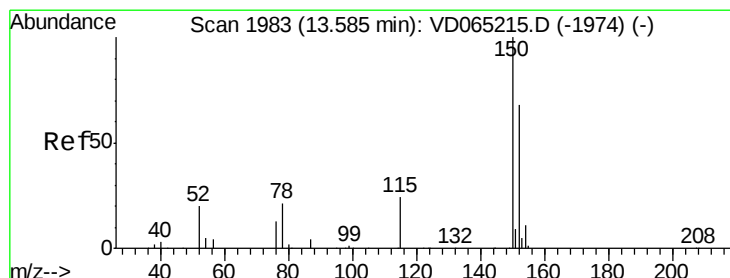
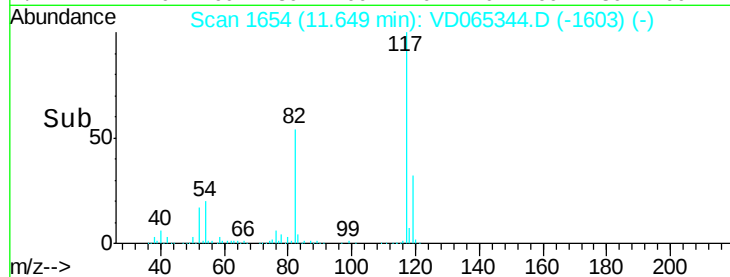
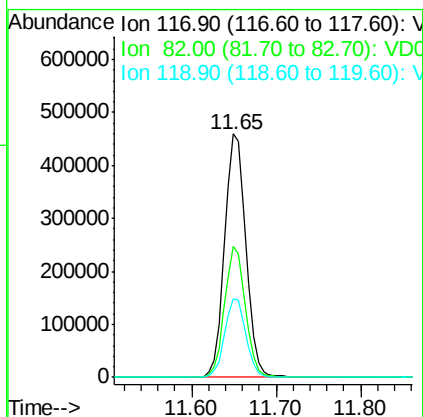
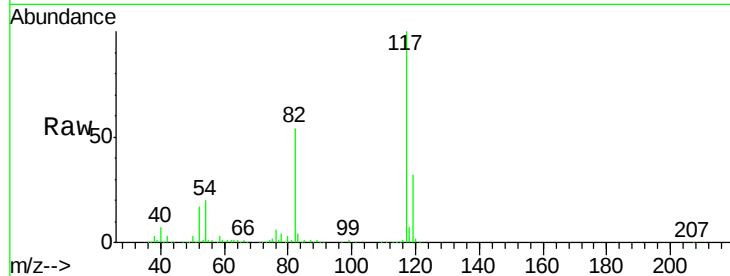




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065344.D
Acq: 27 Feb 2020 14:58

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tot Ion:117 Resp: 795049
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065344.D
Acq: 27 Feb 2020 14:58

Tgt Ion:152 Resp: 342520
Ion Ratio Lower Upper
152 100
115 55.9 27.6 82.8
150 158.4 0.0 347.4

