

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065224.D
 Acq On : 18 Feb 2020 17:45
 Operator : VA/SY
 Sample : L1484-03
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Feb 19 04:09:57 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	443959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	700518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	788040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	194308	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
35) Dibromofluoromethane	7.92	113	220276	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.34	98	870080	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.64	95	356656	68.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.90%	

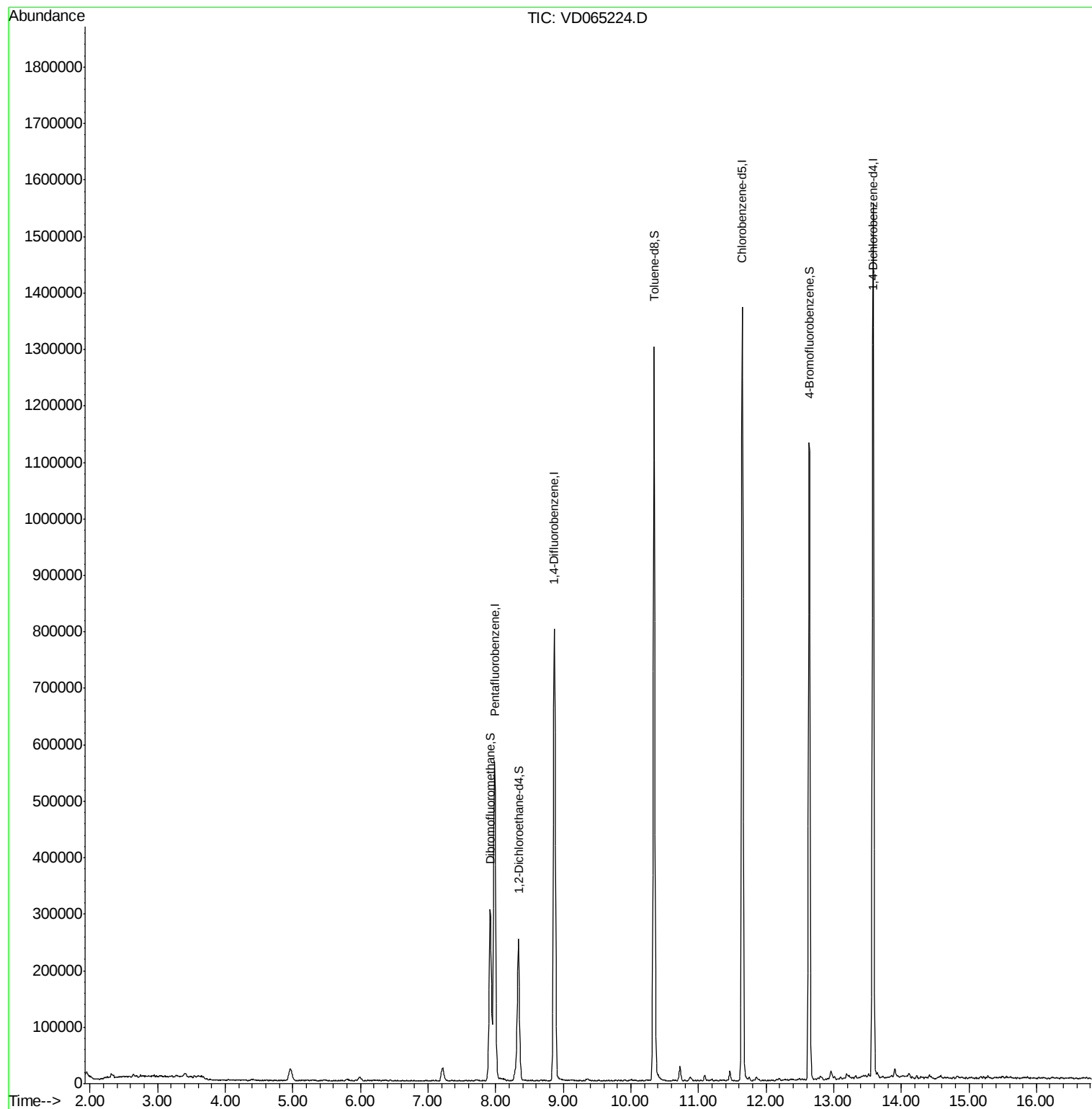
Target Compounds	Qvalue

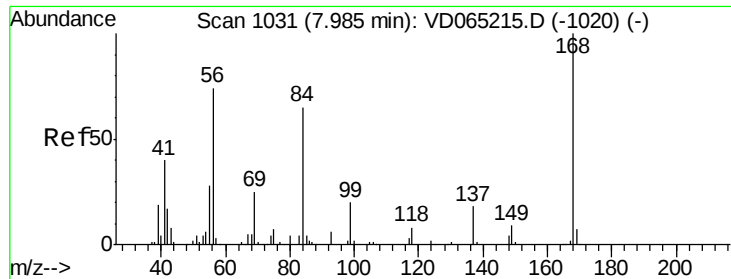
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
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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: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampled :

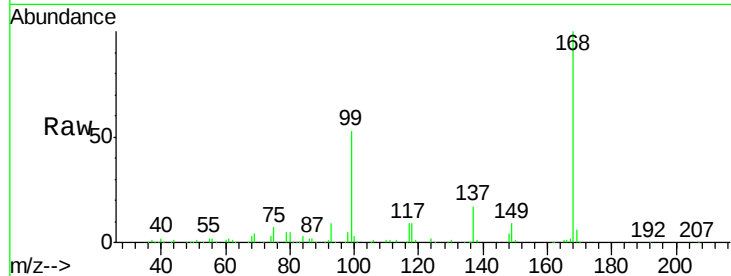
SP-3

Tot Ion:168 Resp: 443959

Ion Ratio Lower Upper

168 100

99 53.0 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

200000

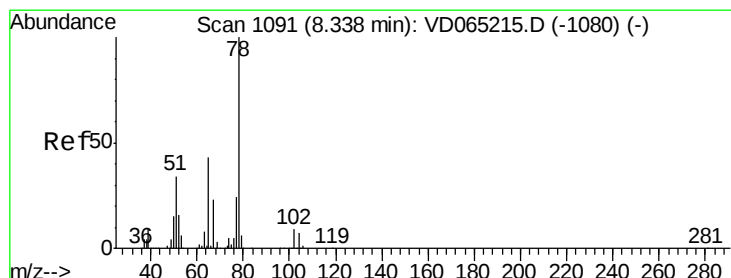
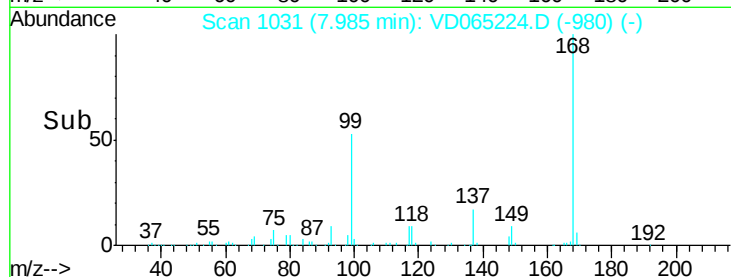
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.651 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065224.D

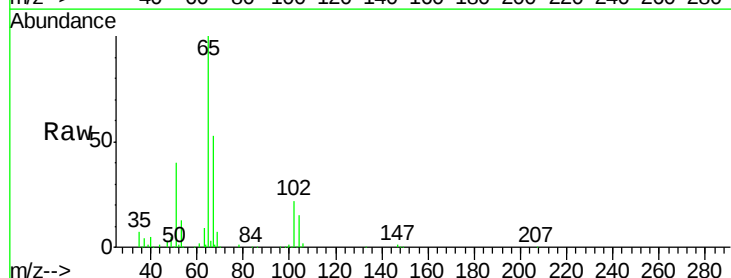
Acq: 18 Feb 2020 17:45

Tgt Ion: 65 Resp: 194308

Ion Ratio Lower Upper

65 100

67 52.0 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

100000

80000

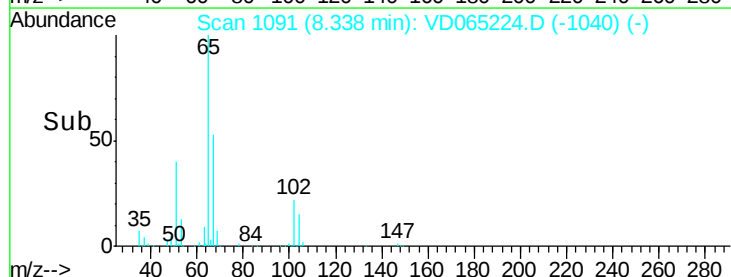
60000

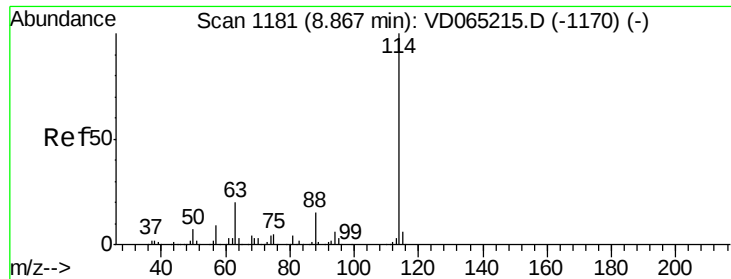
40000

20000

0

Time-->

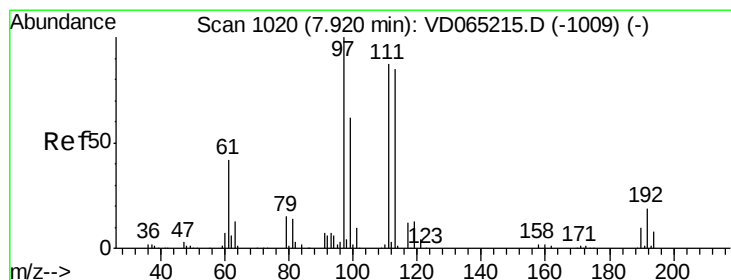
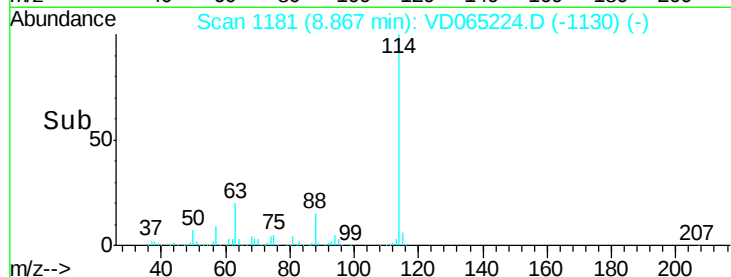
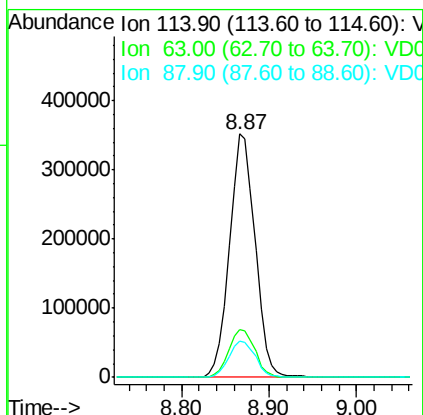
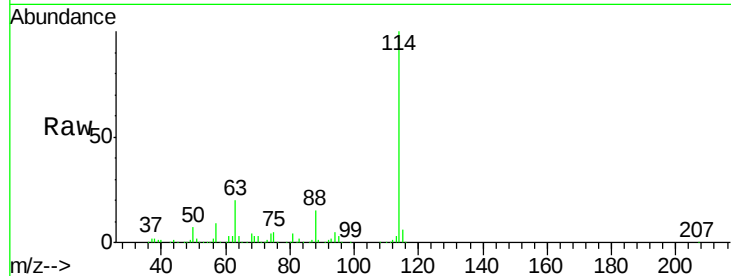




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065224.D
 Acq: 18 Feb 2020 17:45

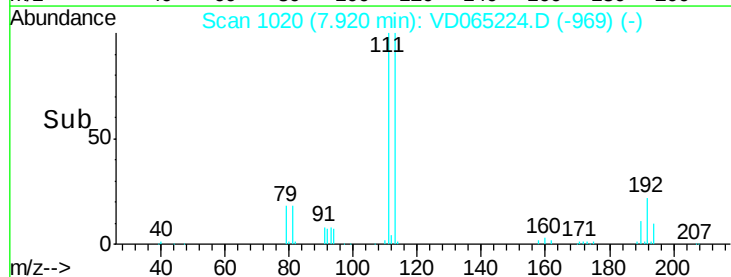
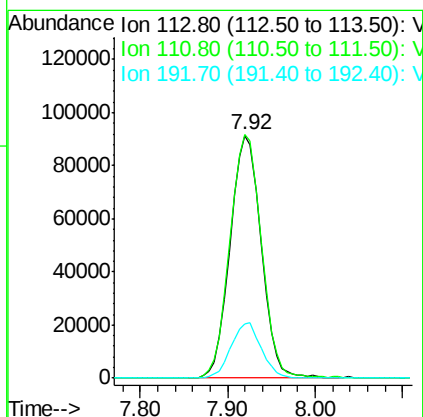
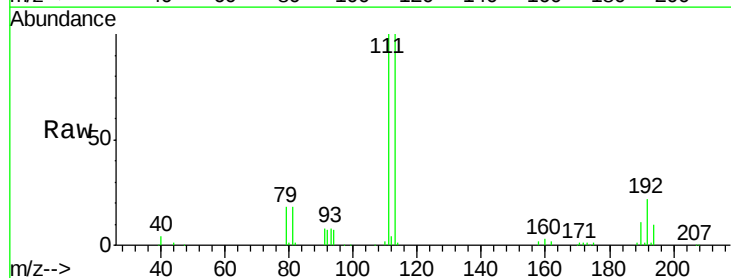
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

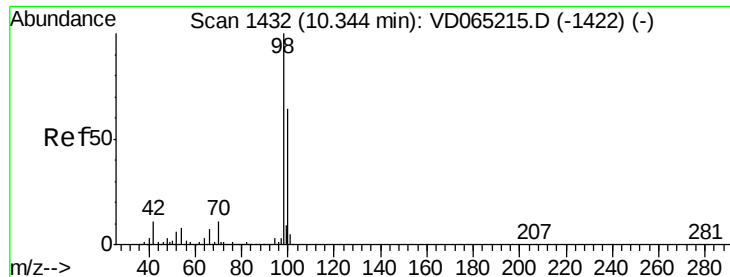
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.1	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 51.571 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065224.D
 Acq: 18 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	22.0	17.3	25.9





#50

Toluene-d8

Concen: 53.284 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampled :

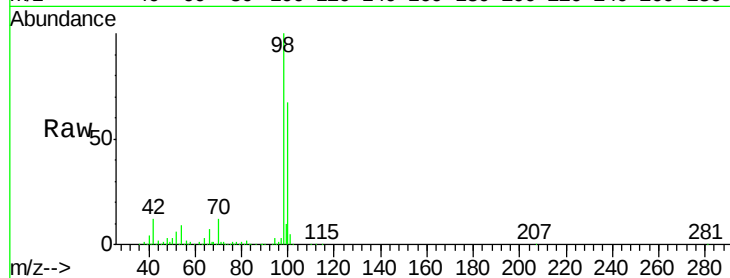
SP-3

Tot Ion: 98 Resp: 870080

Ion Ratio Lower Upper

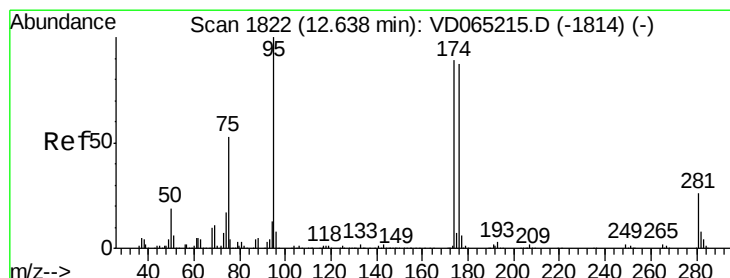
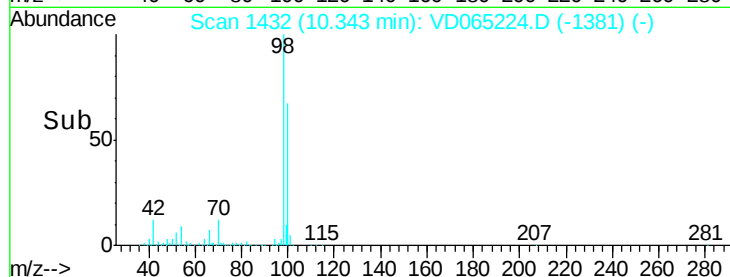
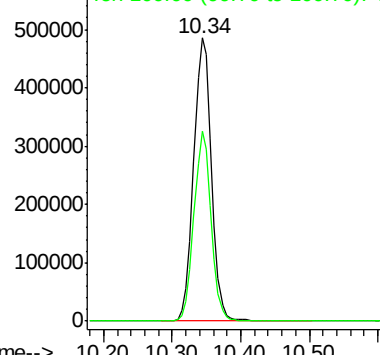
98 100

100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 68.947 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

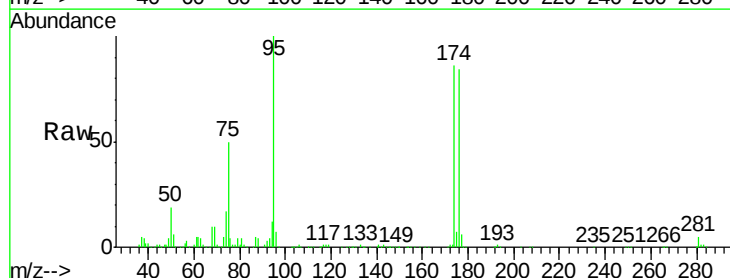
Tgt Ion: 95 Resp: 356656

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

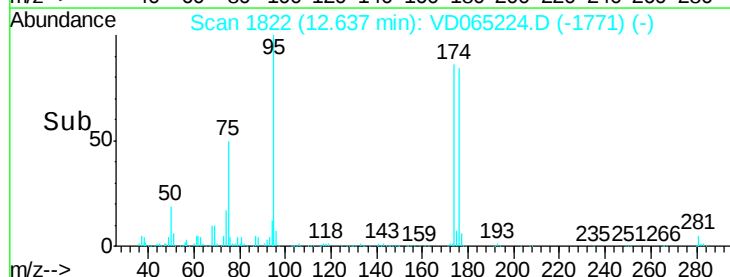
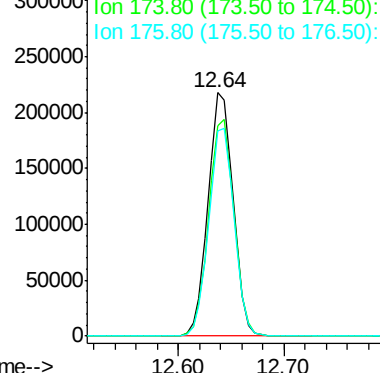
176 86.2 0.0 174.4

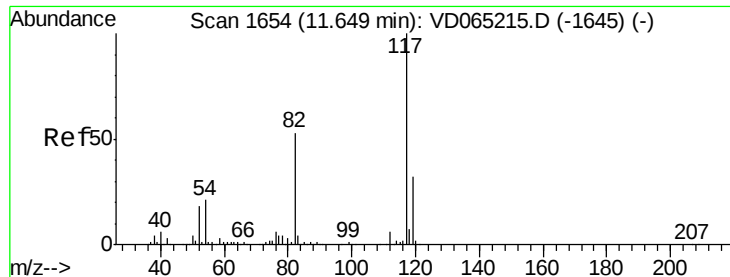


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

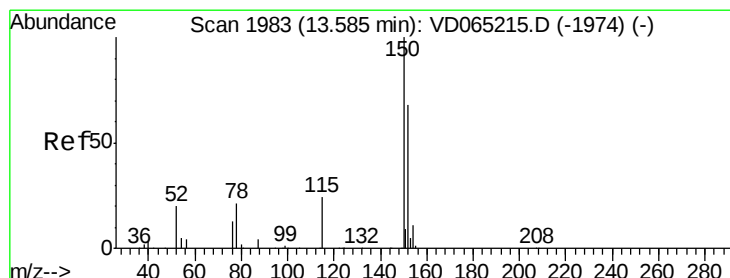
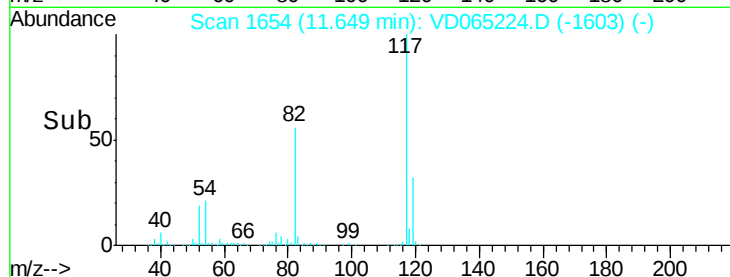
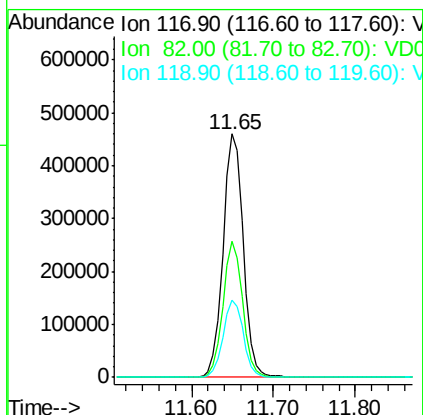
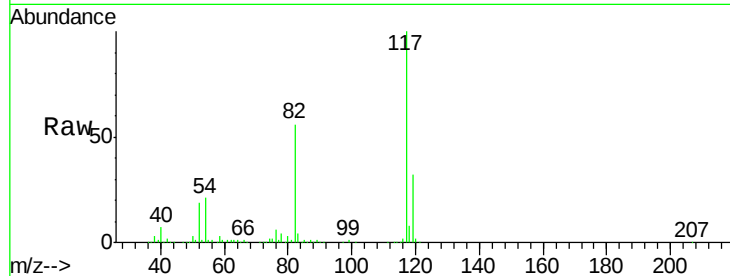




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065224.D
Acq: 18 Feb 2020 17:45

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tot Ion:117 Resp: 788040
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.8 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: VD065224.D
Acq: 18 Feb 2020 17:45

Tgt Ion:152 Resp: 415272
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 157.4 0.0 347.4

