

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065944.D
 Acq On : 10 Jul 2020 12:50
 Operator : VA/SY
 Sample : VD0710SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBL01

Quant Time: Jul 11 04:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	589935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	545278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156041	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.91	113	167747	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.34	98	598185	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	12.63	95	206313	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

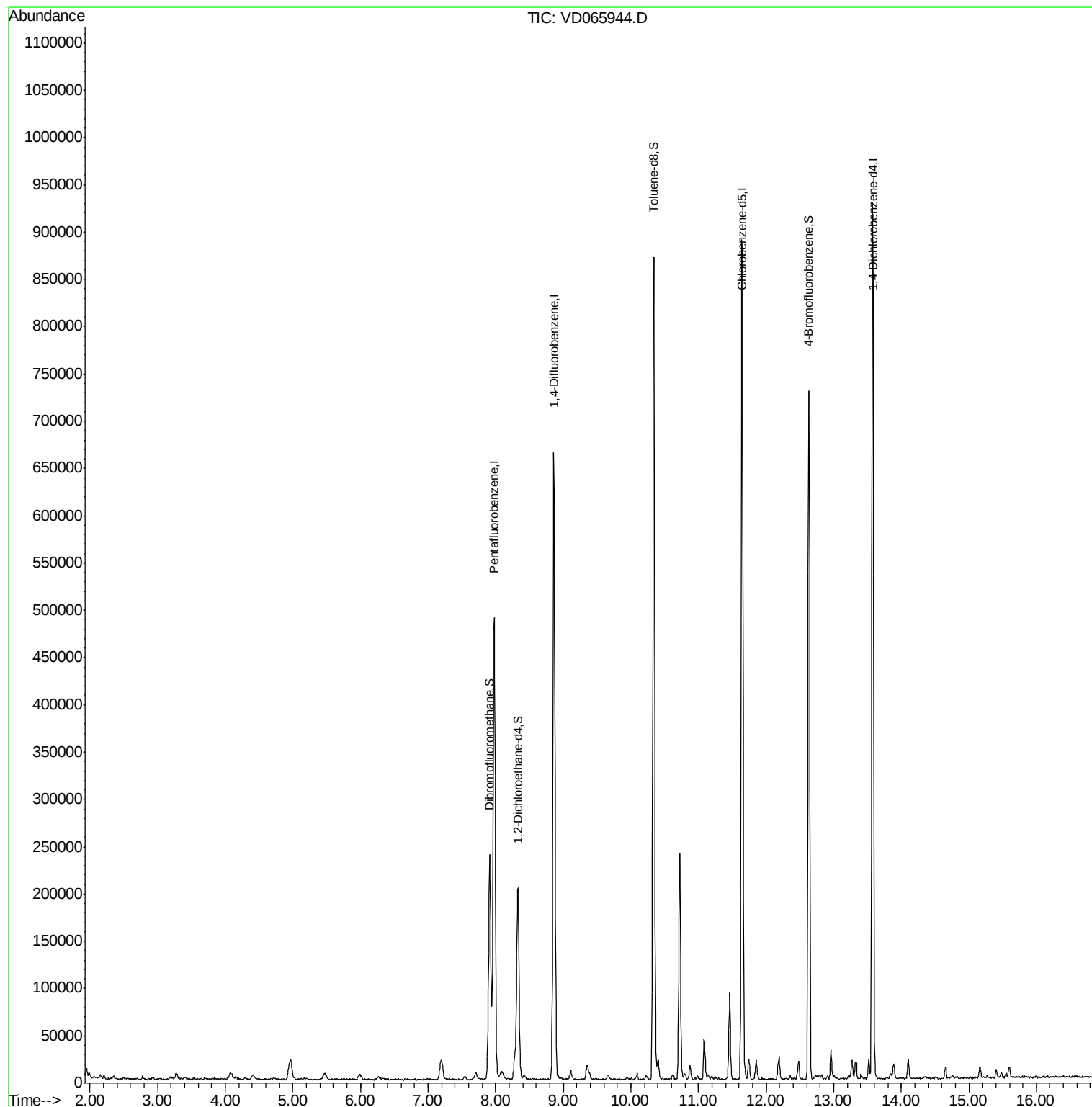
Target Compounds	Qvalue
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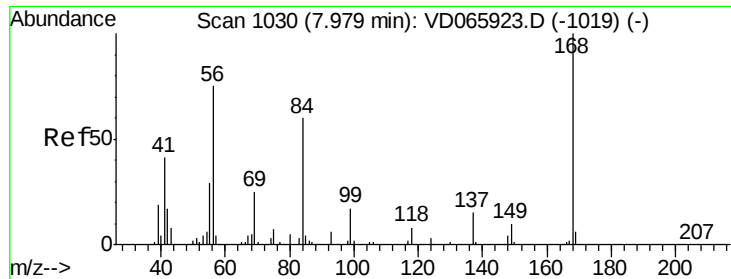
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 09:45:47 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065944.D

Acq: 10 Jul 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

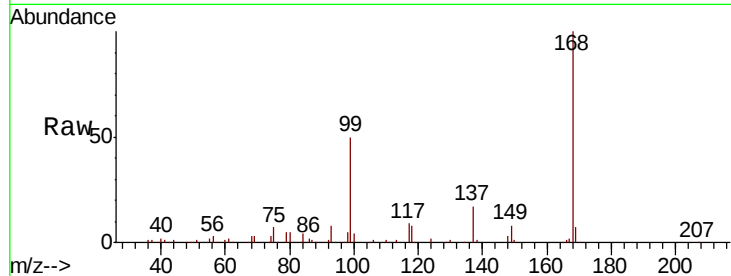
VD0710SBL01

Tot Ion:168 Resp: 383205

Ion Ratio Lower Upper

168 100

99 49.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

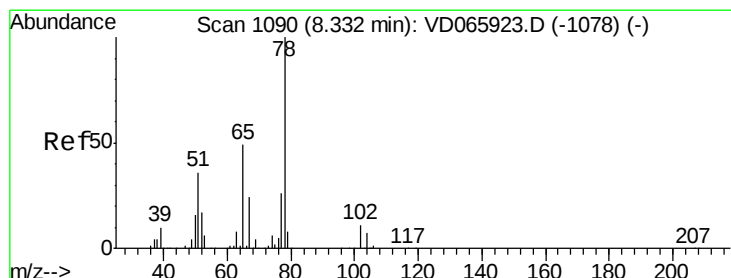
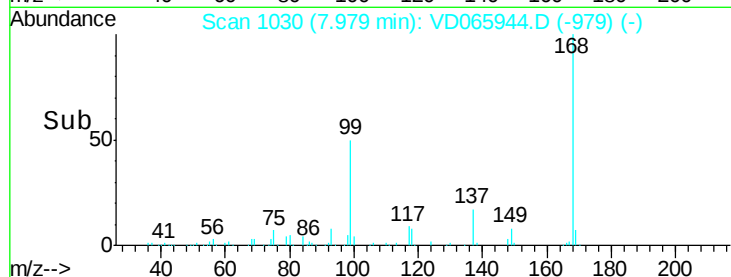
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.948 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065944.D

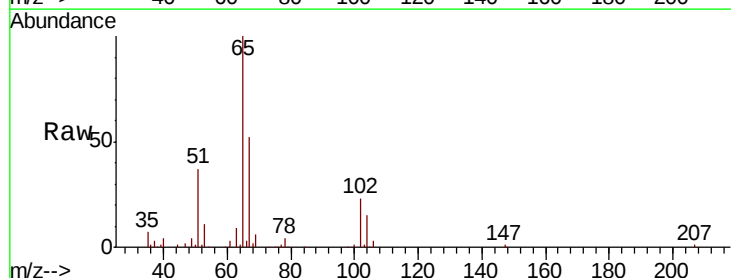
Acq: 10 Jul 2020 12:50

Tgt Ion: 65 Resp: 156041

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

80000

60000

40000

20000

0

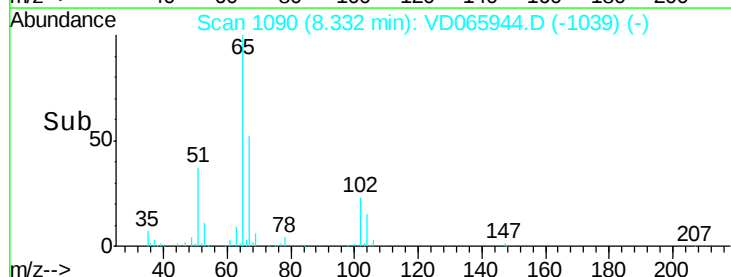
8.25

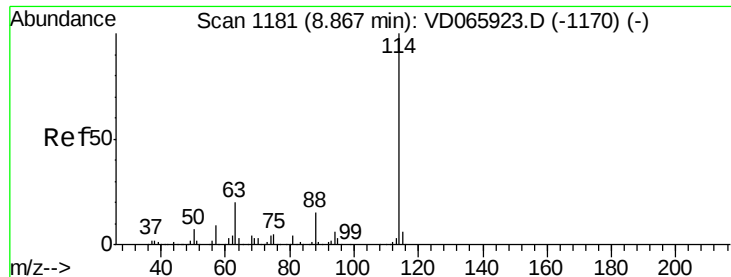
8.30

8.35

8.40

Time-->

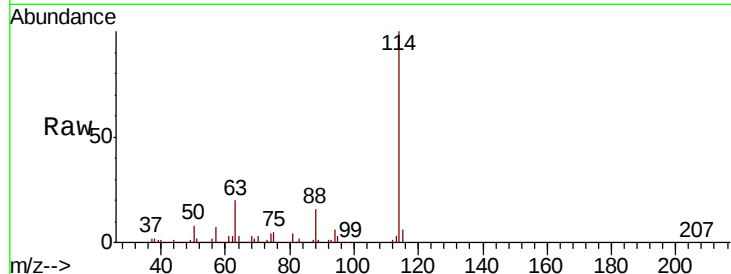




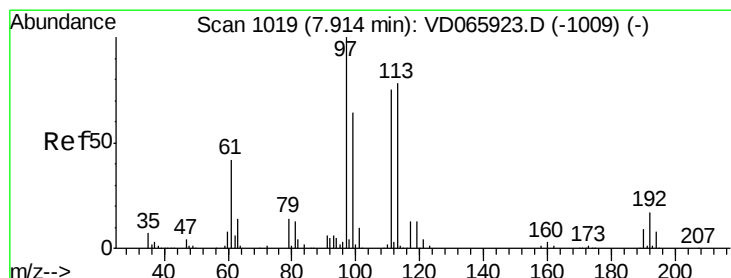
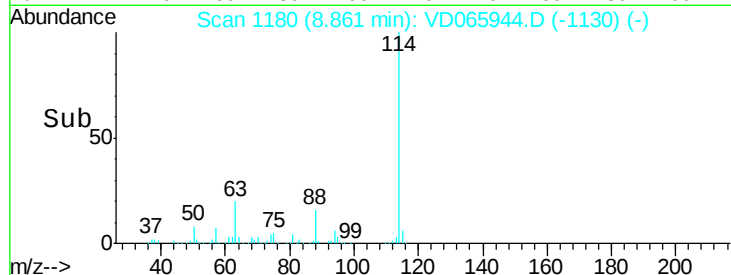
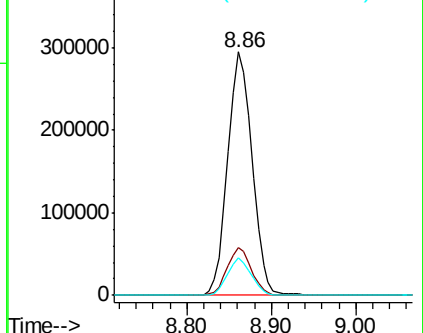
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.7	0.0	30.0

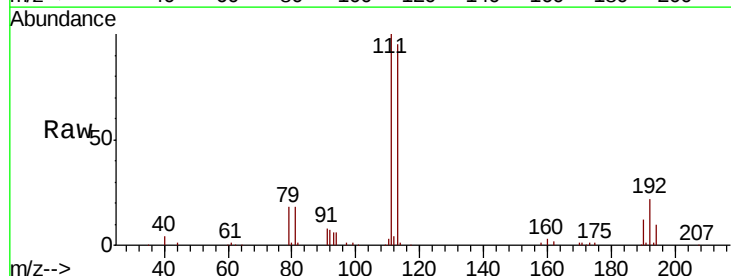


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

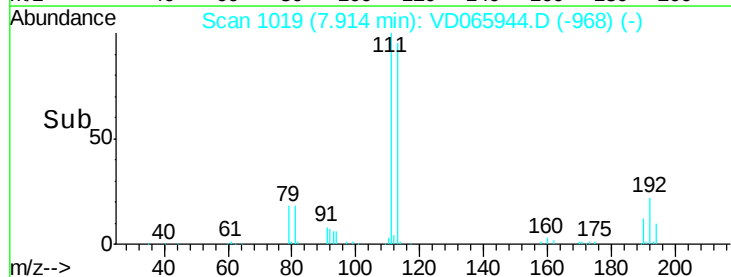
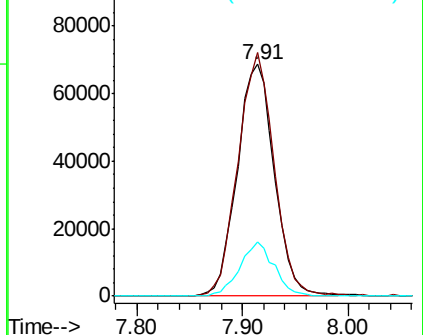


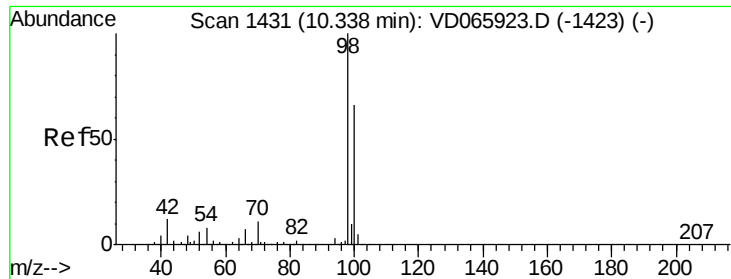
#35
 Dibromofluoromethane
 Concen: 46.094 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065944.D
 Acq: 10 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	21.6	17.1	25.7



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: 45.050 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065944.D

Acq: 10 Jul 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

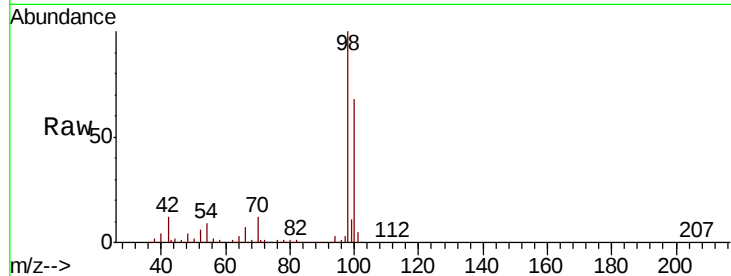
VD0710SBL01

Tot Ion: 98 Resp: 598185

Ion Ratio Lower Upper

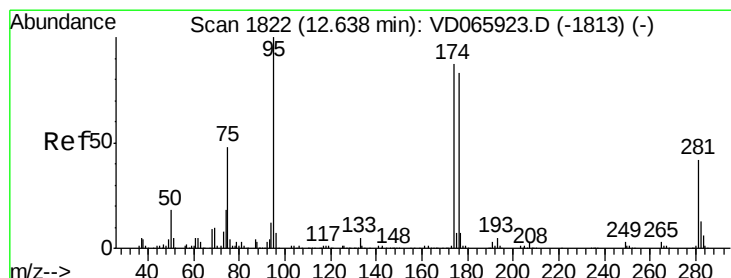
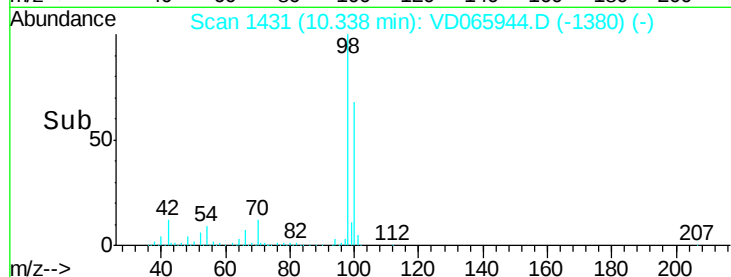
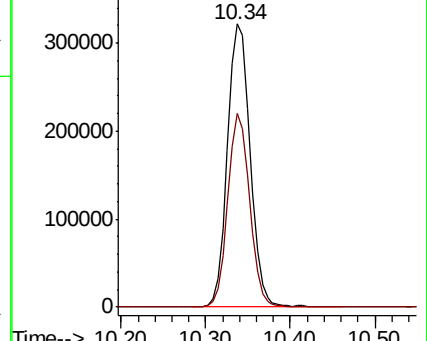
98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.246 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065944.D

Acq: 10 Jul 2020 12:50

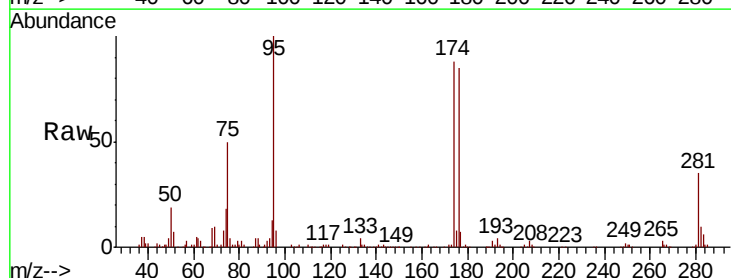
Tgt Ion: 95 Resp: 206313

Ion Ratio Lower Upper

95 100

174 89.6 0.0 169.4

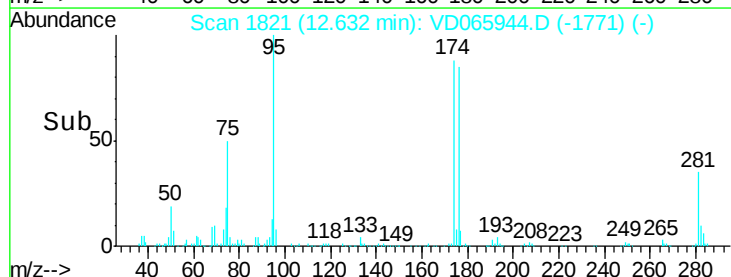
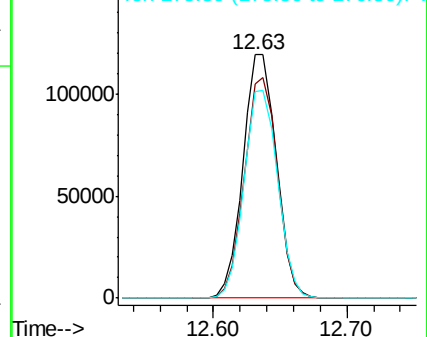
176 85.9 0.0 164.0

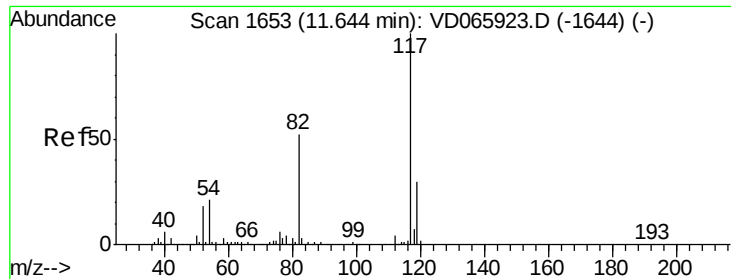


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

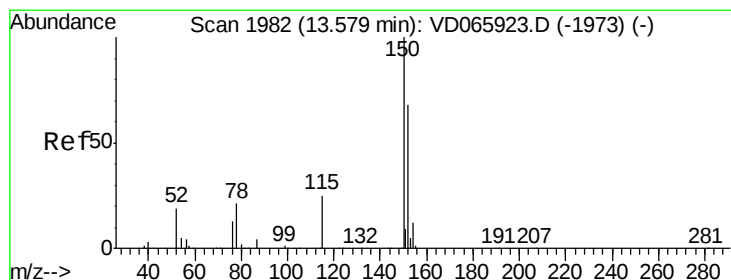
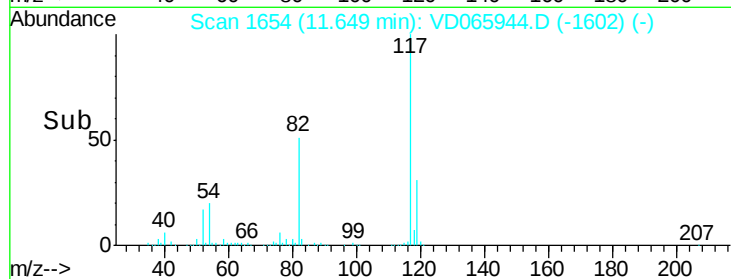
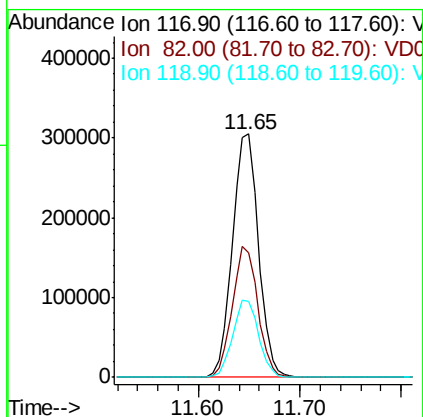
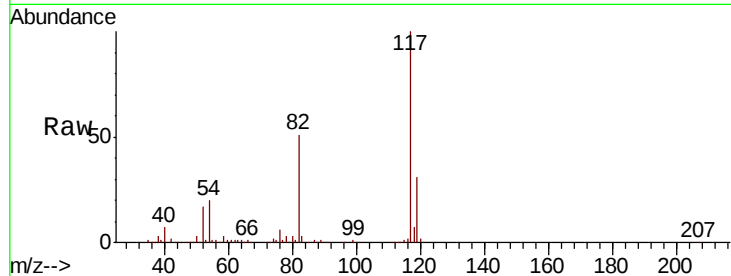




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Instrument :
MSVOA_D
ClientSampleId :
VD0710SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.8	62.8
119	31.1	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065944.D
Acq: 10 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.3
150	157.4	0.0	347.2

