

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
 Data File : VD064902.D
 Acq On : 21 Jan 2020 10:03
 Operator : VA/SY
 Sample : VD0121SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0121SBL01

Quant Time: Jan 22 06:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	805190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	750128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	243853	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
35) Dibromofluoromethane	7.92	113	249856	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.34	98	974459	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.64	95	308925	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

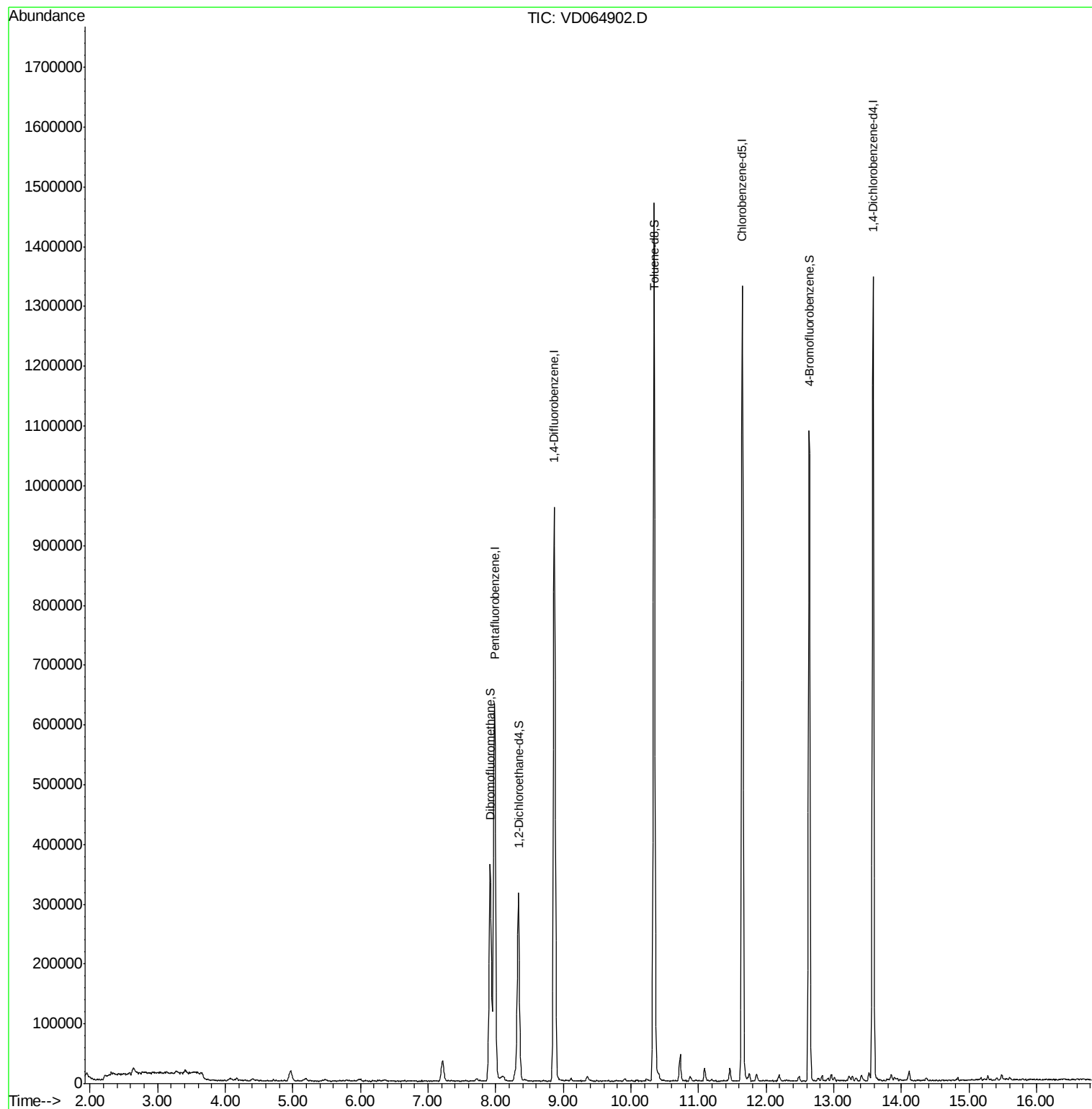
Target Compounds	Qvalue

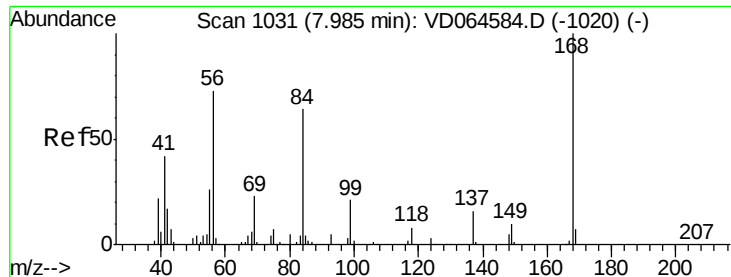
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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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: VD064902.D

Acq: 21 Jan 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

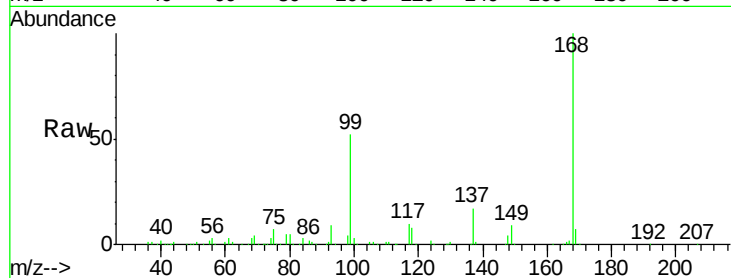
VD0121SBL01

Tot Ion:168 Resp: 489786

Ion Ratio Lower Upper

168 100

99 51.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

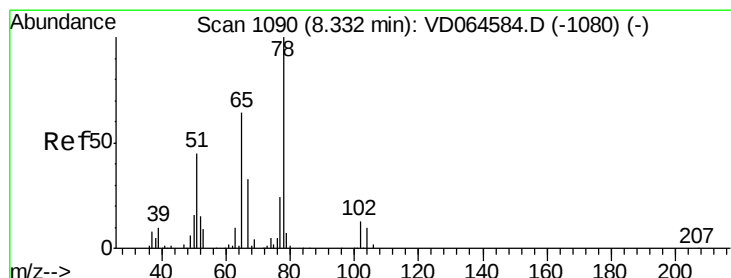
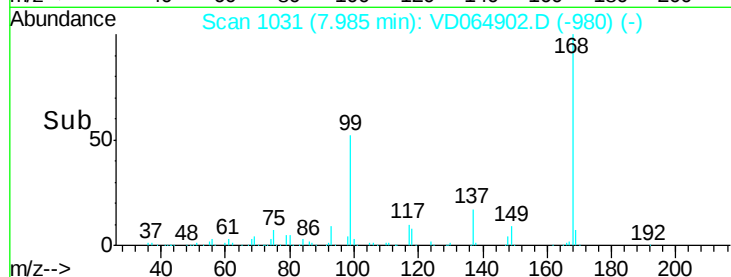
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.462 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064902.D

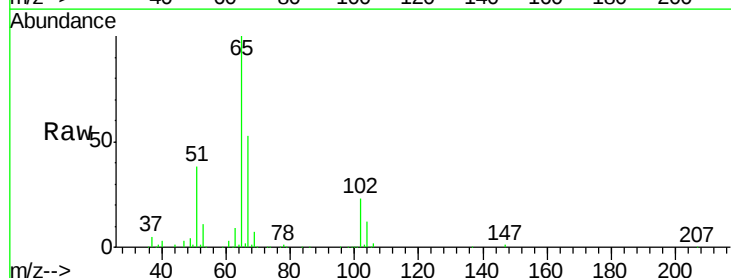
Acq: 21 Jan 2020 10:03

Tgt Ion: 65 Resp: 243853

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

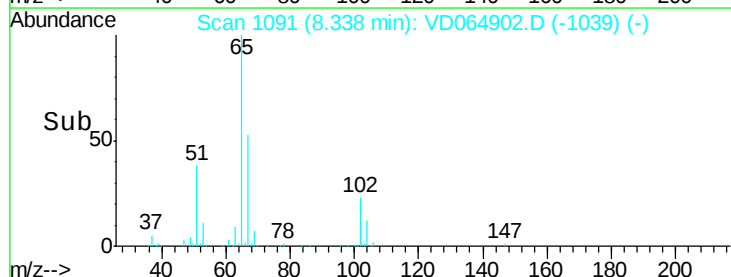
60000

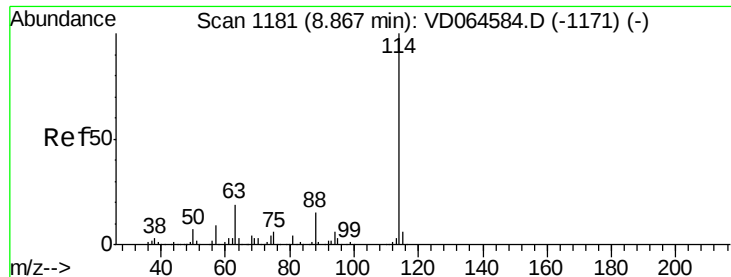
40000

20000

0

Time-->

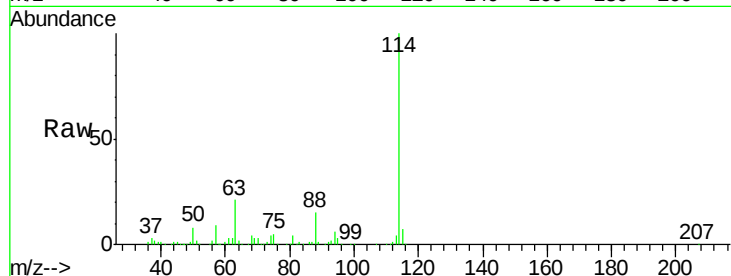




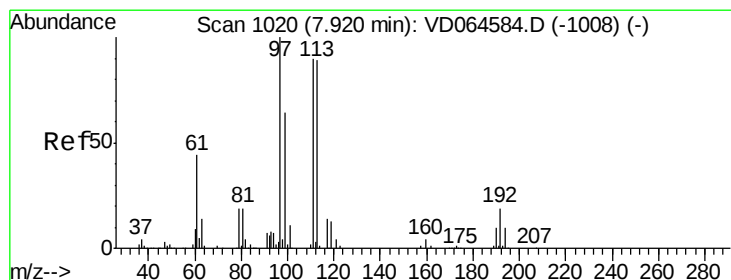
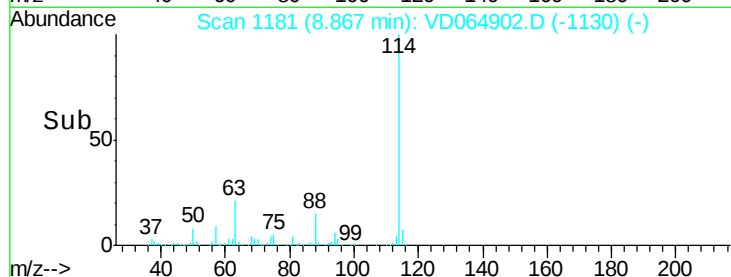
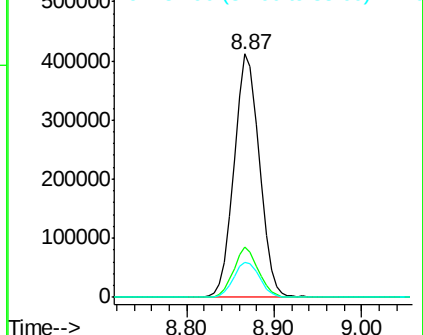
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064902.D
 Acq: 21 Jan 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0121SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.0
88	14.6	0.0	29.2

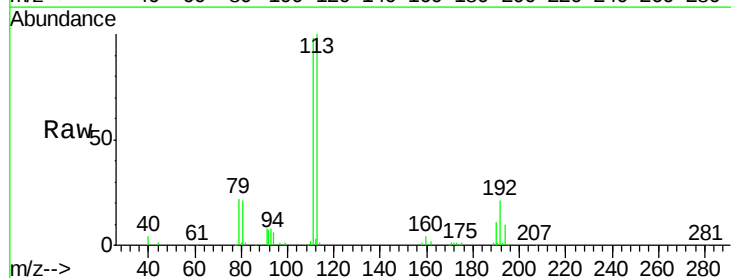


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

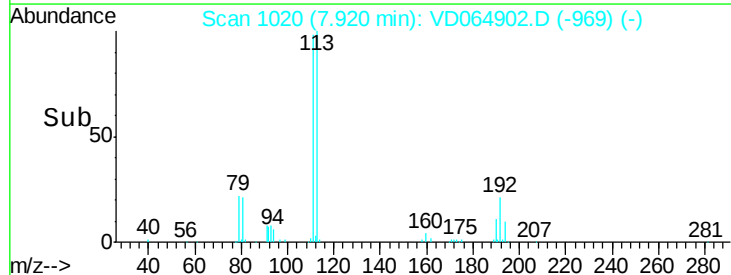
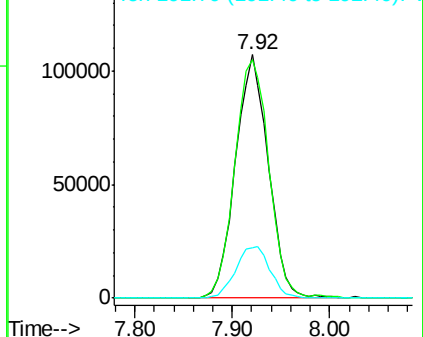


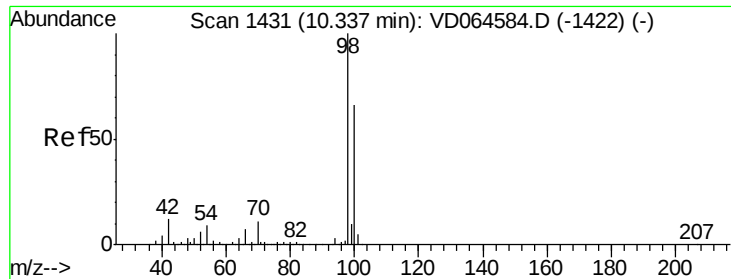
#35
 Dibromofluoromethane
 Concen: 50.578 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064902.D
 Acq: 21 Jan 2020 10:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.2	17.9	26.9



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: 51.505 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064902.D

Acq: 21 Jan 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

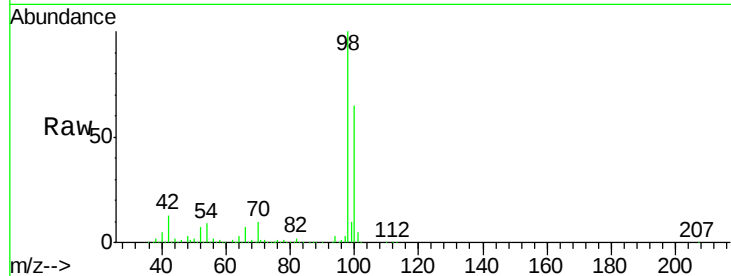
VD0121SBL01

Tot Ion: 98 Resp: 974459

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

600000

500000

400000

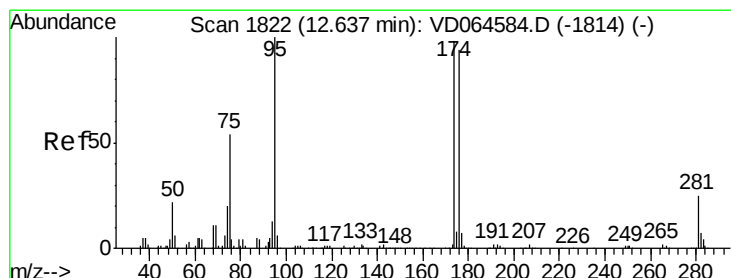
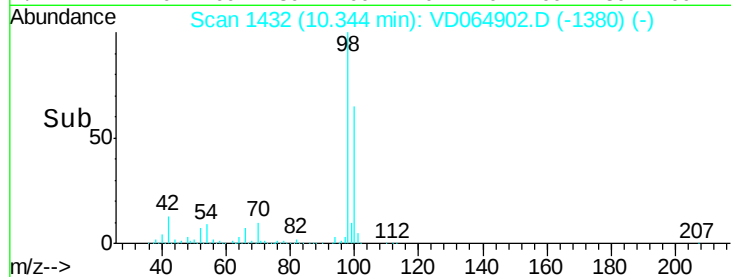
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.637 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064902.D

Acq: 21 Jan 2020 10:03

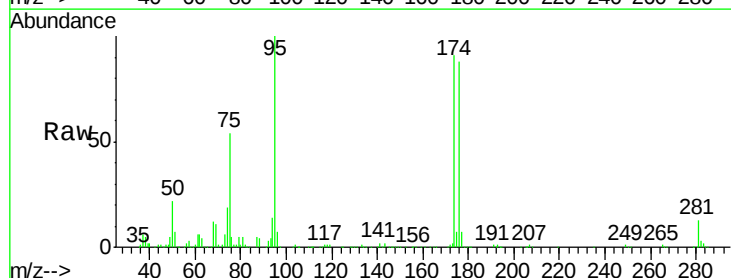
Tgt Ion: 95 Resp: 308925

Ion Ratio Lower Upper

95 100

174 92.9 0.0 193.2

176 89.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

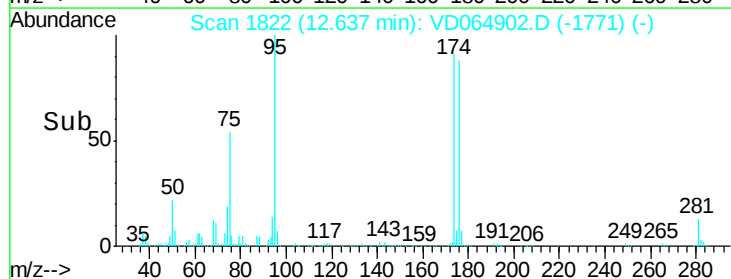
150000

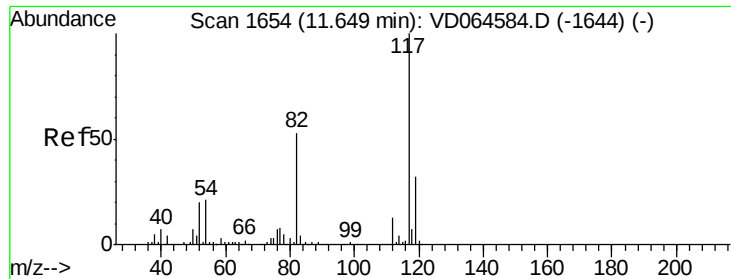
100000

50000

0

Time--> 12.60 12.70

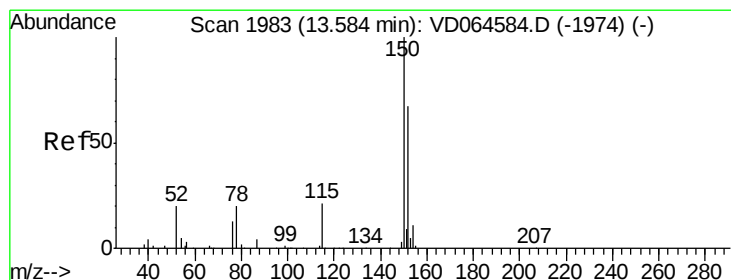
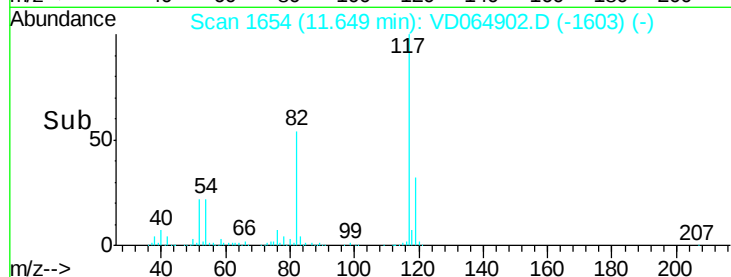
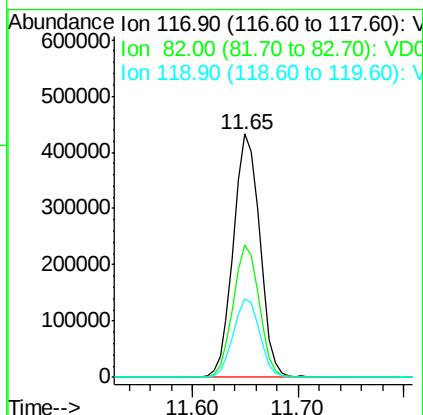
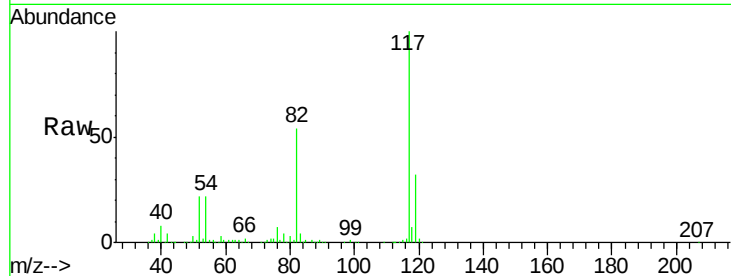




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VD0121SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	32.2	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064902.D
Acq: 21 Jan 2020 10:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.4
150	154.2	0.0	351.4

