

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
 Data File : VD064905.D
 Acq On : 21 Jan 2020 11:47
 Operator : VA/SY
 Sample : L1189-03
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-13.5-14.0

Quant Time: Jan 22 06:11:22 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	481959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	810172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	750363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359465	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	253489	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
35) Dibromofluoromethane	7.92	113	257627	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.34	98	995093	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	316750	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

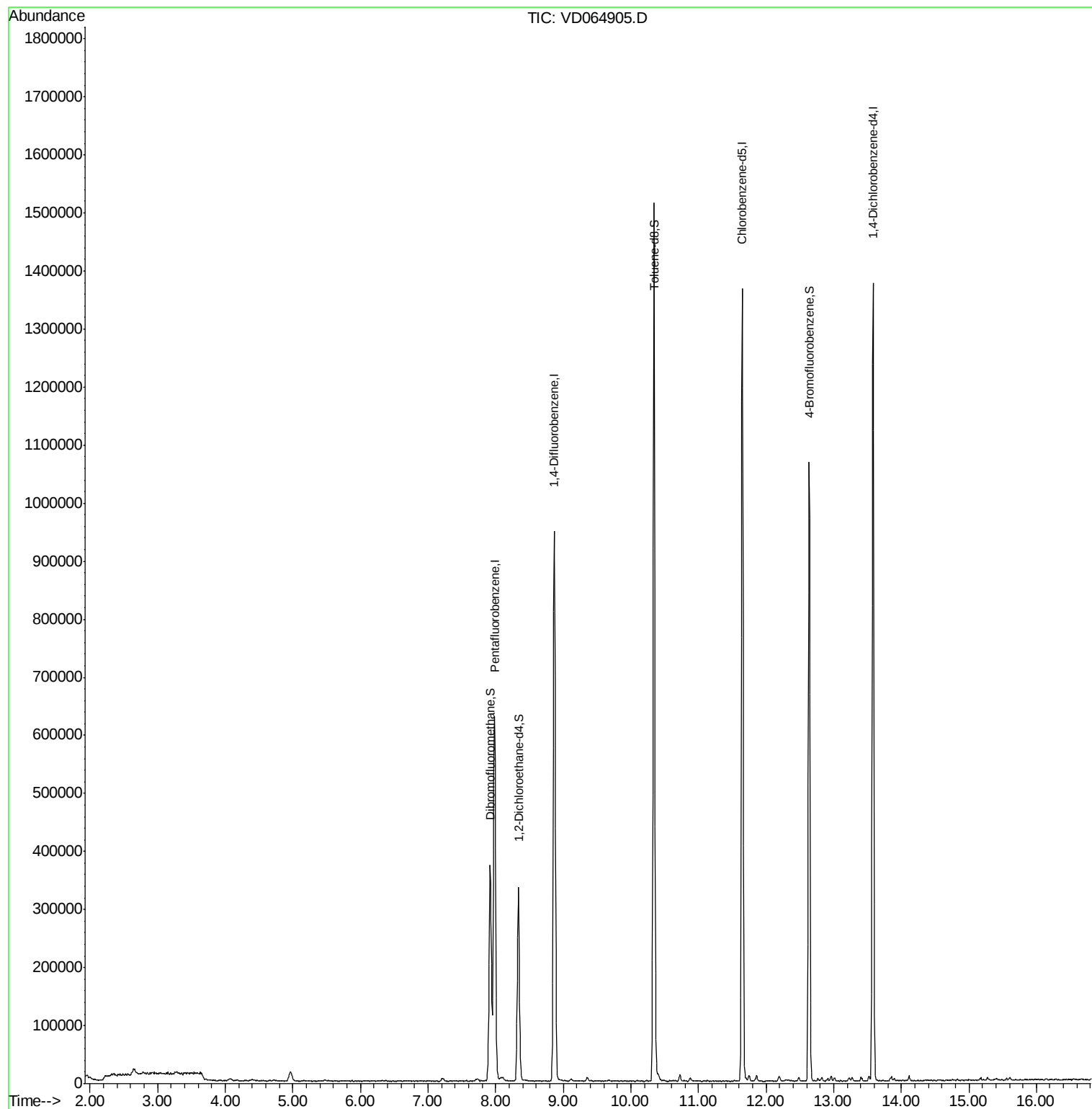
Target Compounds	Qvalue

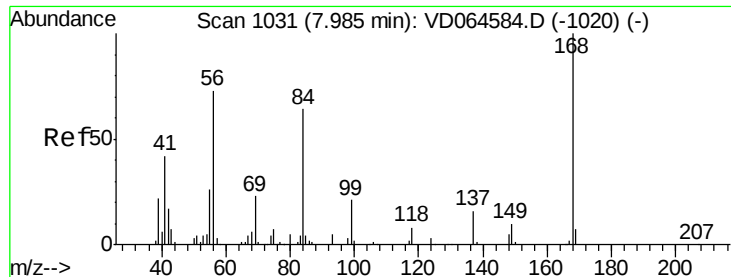
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064905.D

Acq: 21 Jan 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

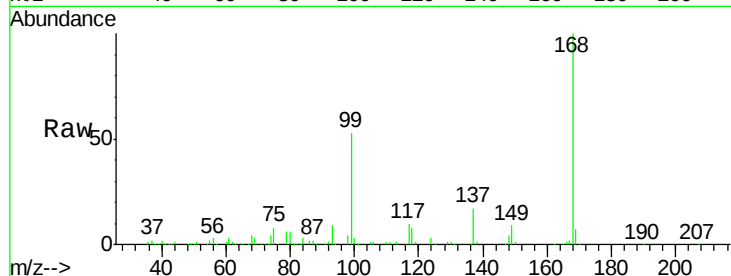
SB-3-13.5-14.0

Tot Ion:168 Resp: 481959

Ion Ratio Lower Upper

168 100

99 52.7 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

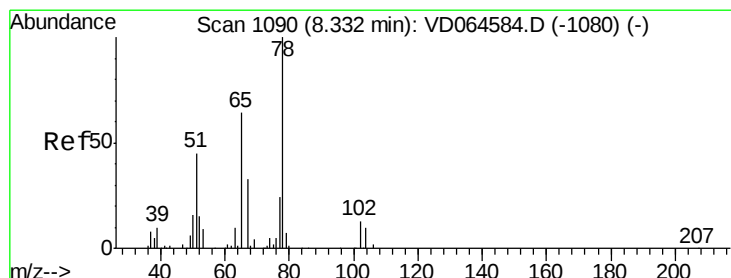
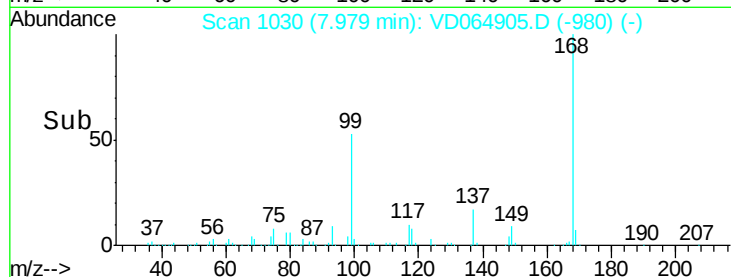
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.646 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064905.D

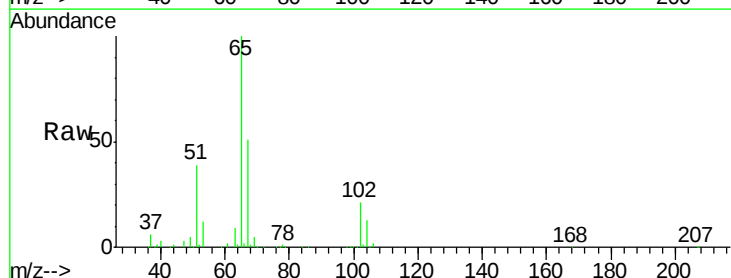
Acq: 21 Jan 2020 11:47

Tgt Ion: 65 Resp: 253489

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

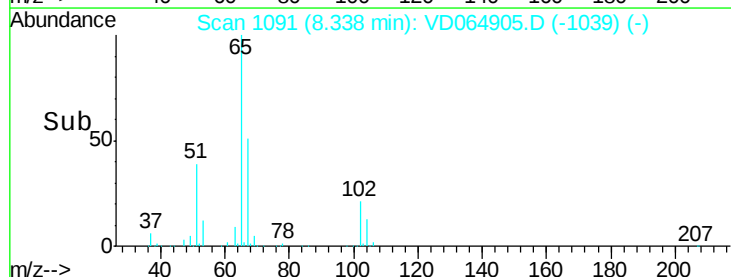
8.34

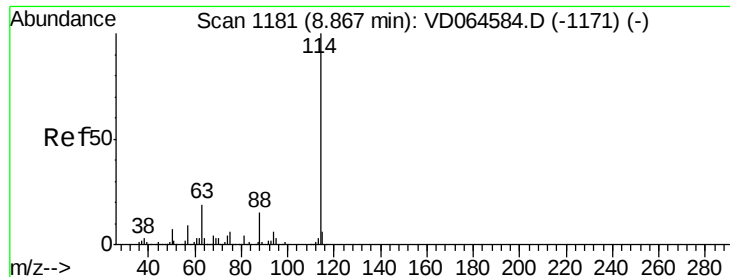
100000

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: VD064905.D

Acq: 21 Jan 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

SB-3-13.5-14.0

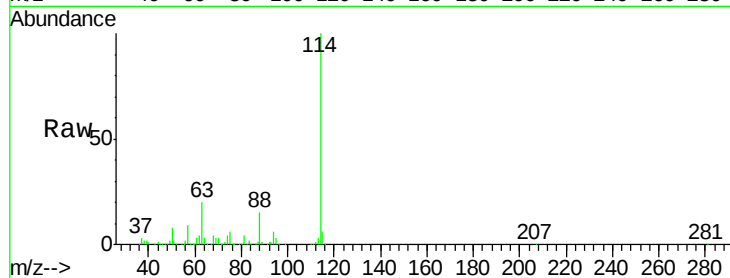
Tot Ion:114 Resp: 810172

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

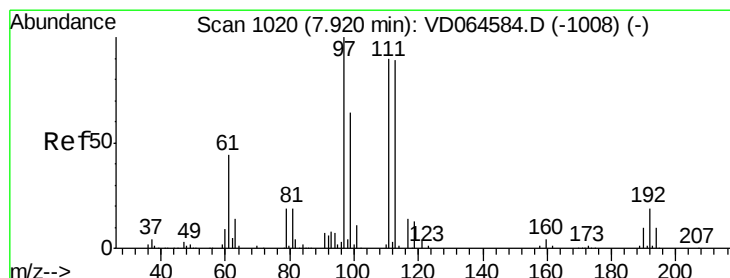
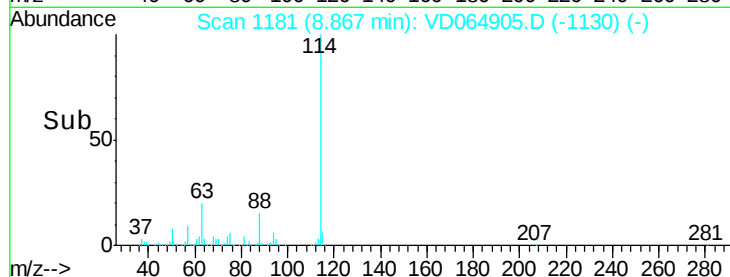
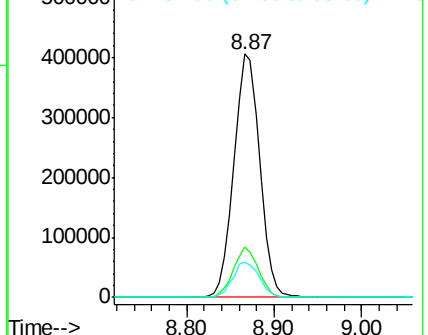
88 14.5 0.0 29.2



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: 51.831 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064905.D

Acq: 21 Jan 2020 11:47

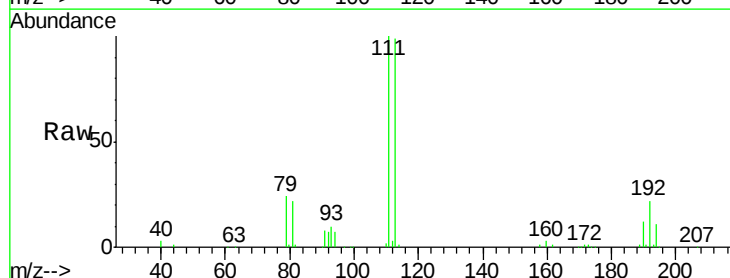
Tgt Ion:113 Resp: 257627

Ion Ratio Lower Upper

113 100

111 101.1 80.6 121.0

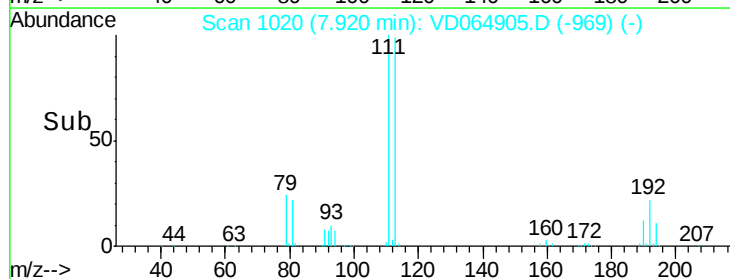
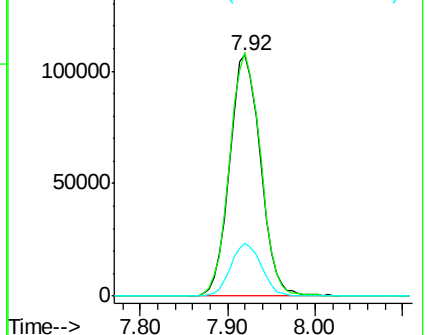
192 21.7 17.9 26.9

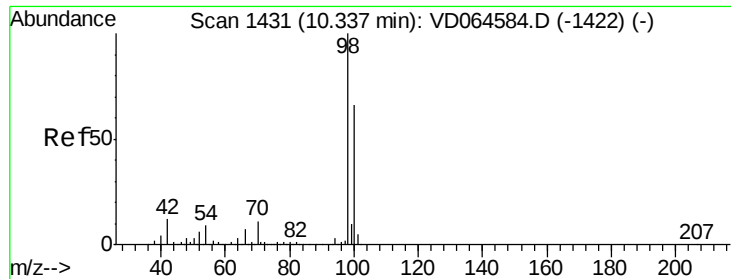


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

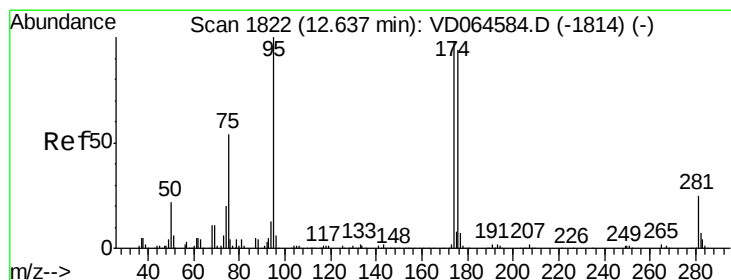
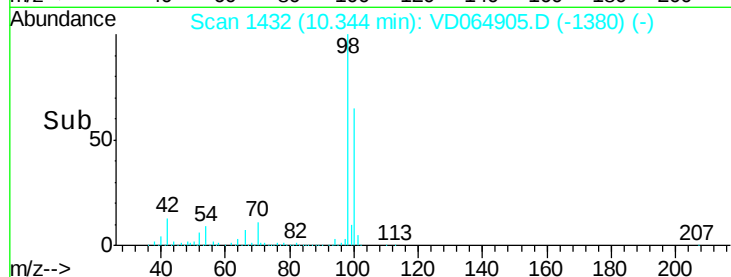
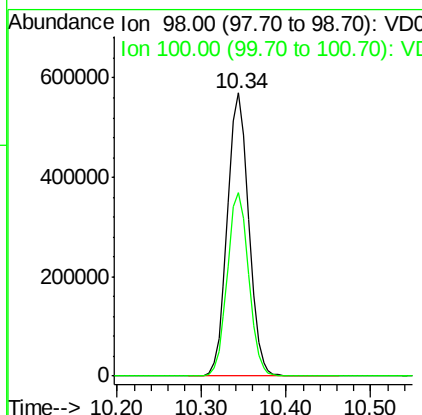
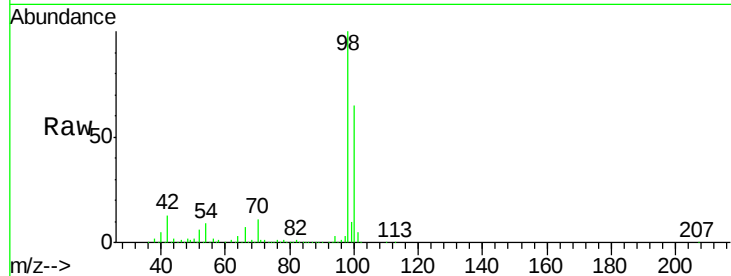




#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

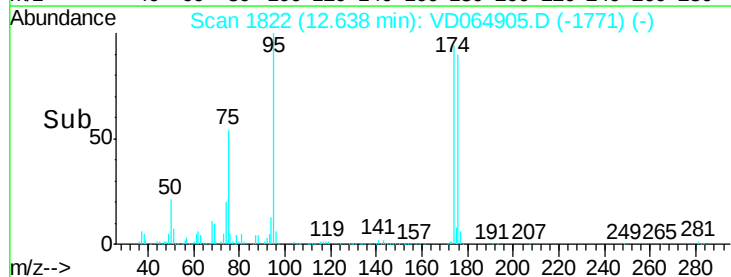
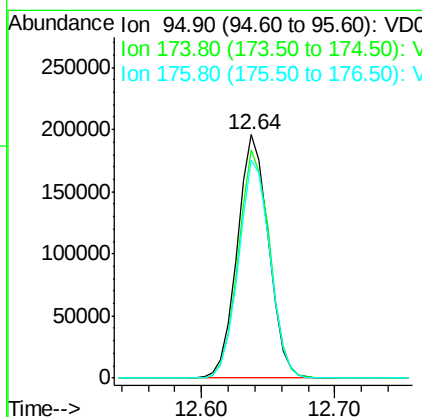
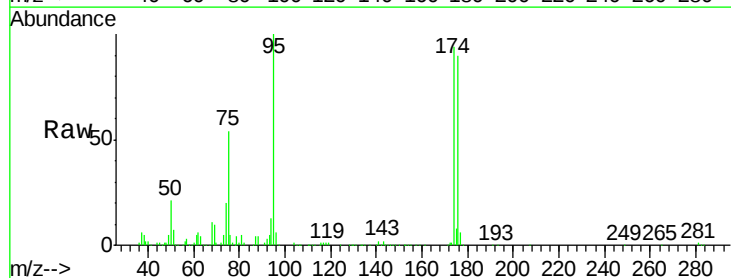
Instrument :
MSVOA_D
ClientSampleId :
SB-3-13.5-14.0

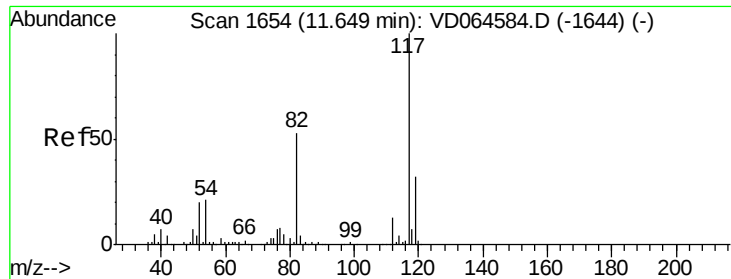
Tot Ion: 98 Resp: 995093
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.620 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion: 95 Resp: 316750
Ion Ratio Lower Upper
95 100
174 94.2 0.0 193.2
176 90.1 0.0 184.2

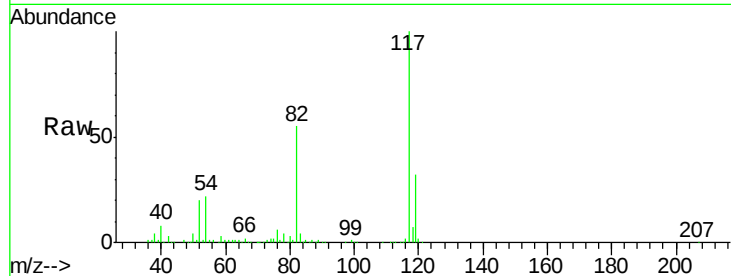




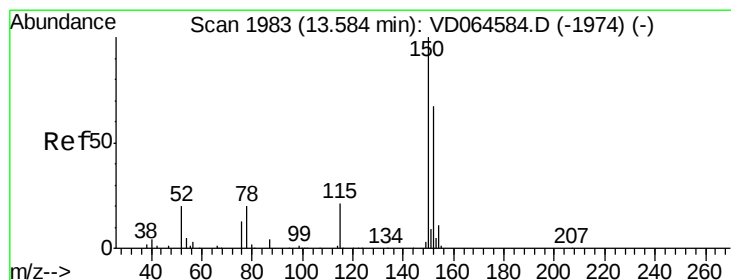
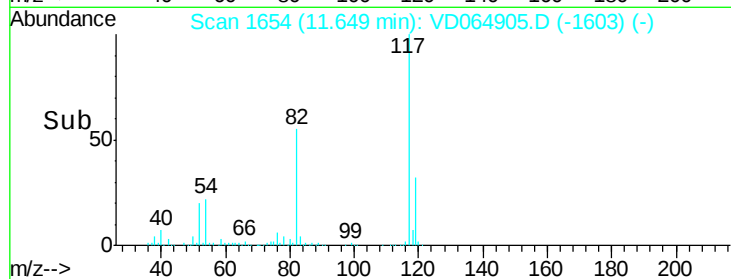
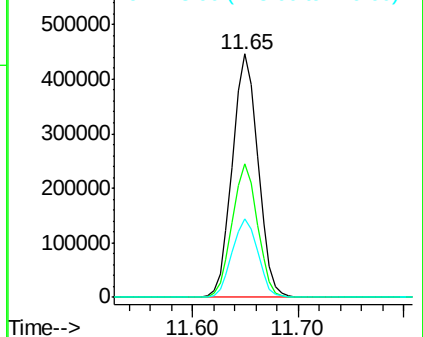
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
SB-3-13.5-14.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.2	26.0	39.0

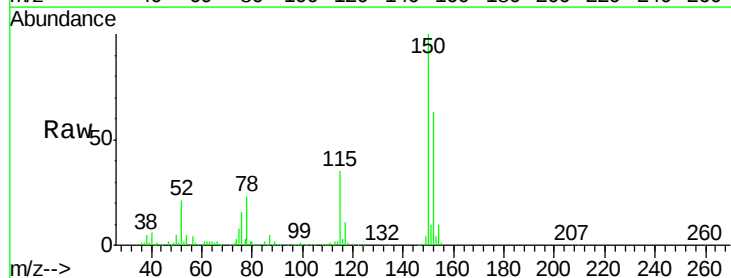


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	158.9	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

