

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066475.D
 Acq On : 31 Aug 2020 11:11
 Operator : VA/SY
 Sample : VD0831SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBL01

Quant Time: Sep 01 01:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	199954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	243062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104502	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.91	113	84745	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.34	98	309975	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.63	95	107304	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

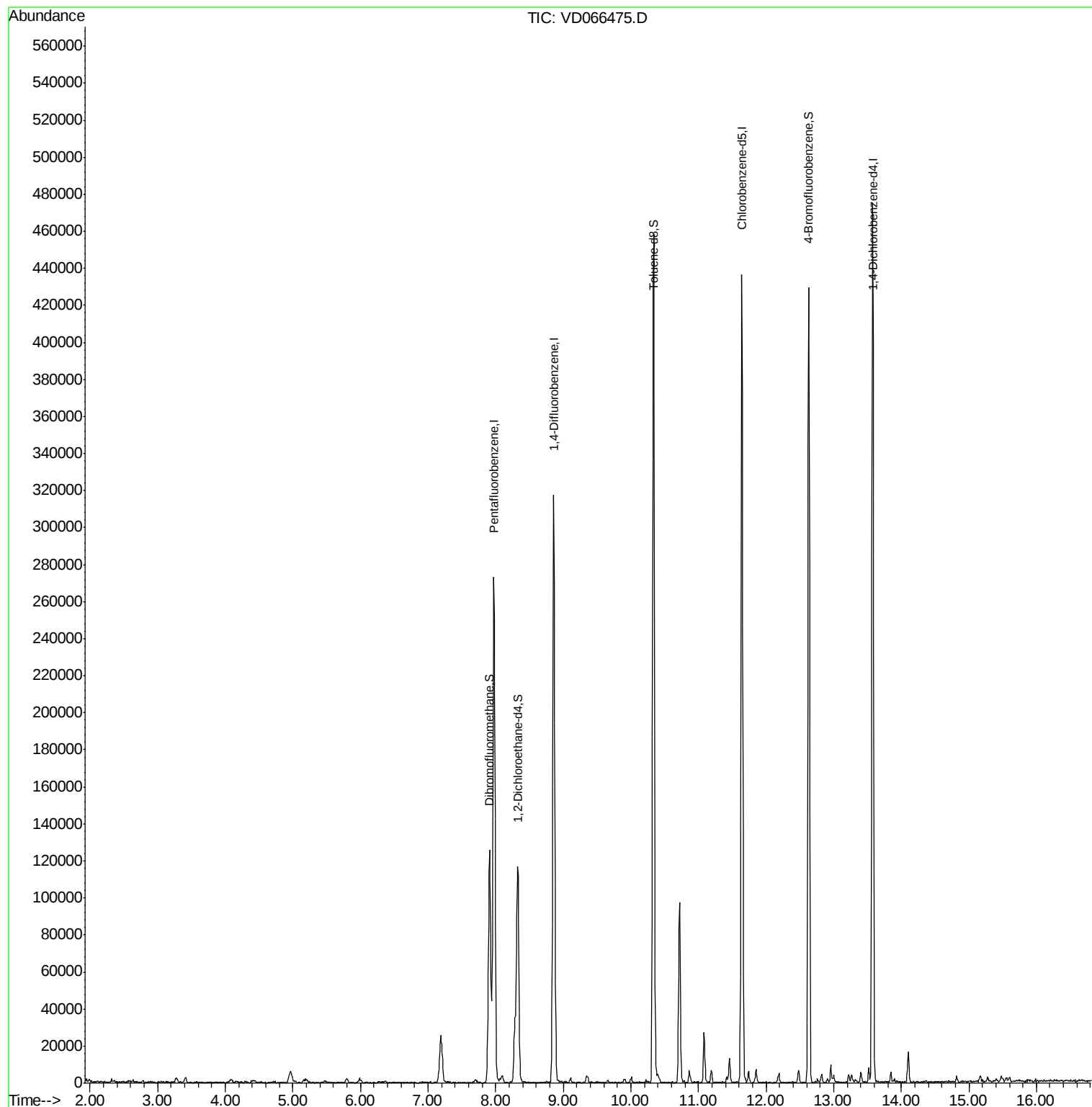
Target Compounds	Qvalue

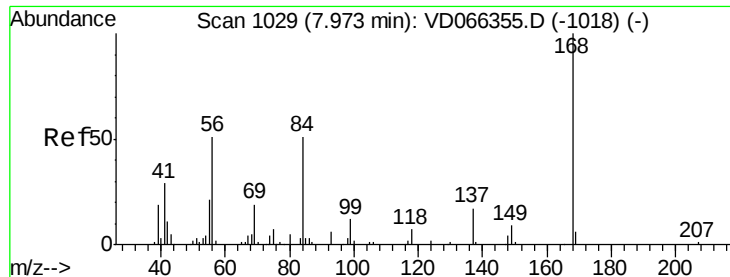
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066475.D

Acq: 31 Aug 2020 11:11

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MSVOA_D

ClientSampleId :

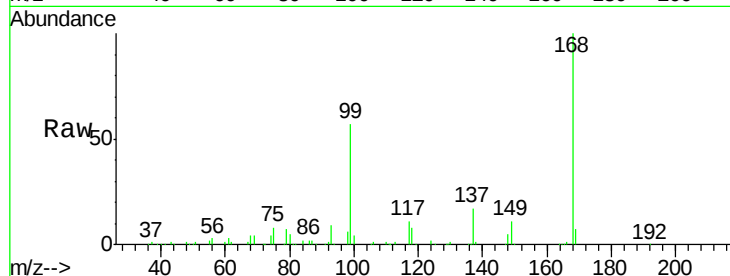
VD0831SBL01

Tot Ion:168 Resp: 199954

Ion Ratio Lower Upper

168 100

99 57.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

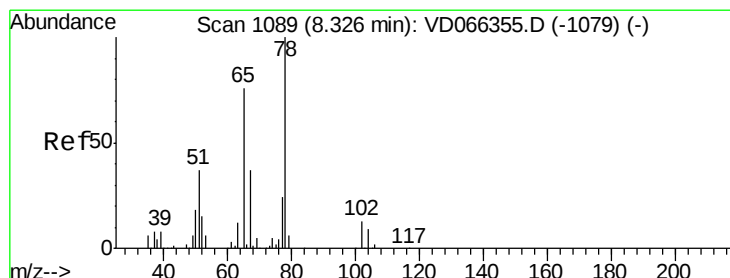
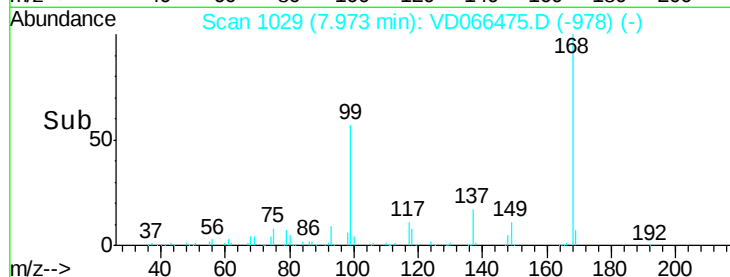
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.308 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066475.D

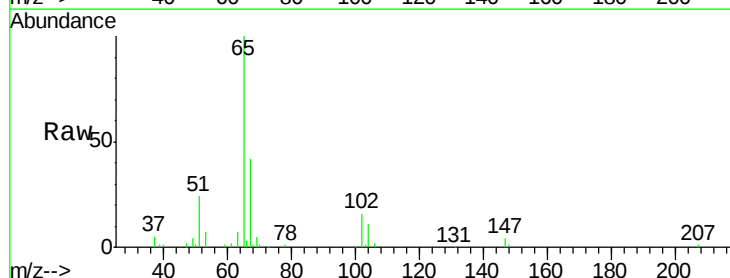
Acq: 31 Aug 2020 11:11

Tgt Ion: 65 Resp: 104502

Ion Ratio Lower Upper

65 100

67 44.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

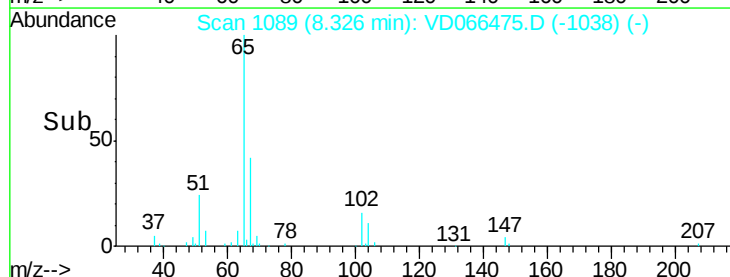
30000

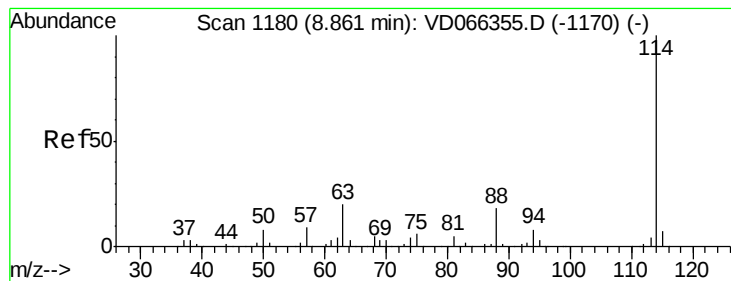
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066475.D

Acq: 31 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VD0831SBL01

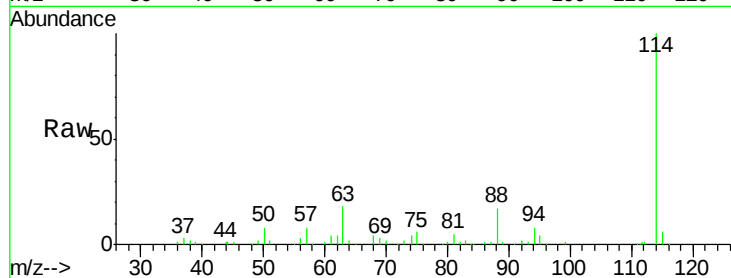
Tot Ion:114 Resp: 273047

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

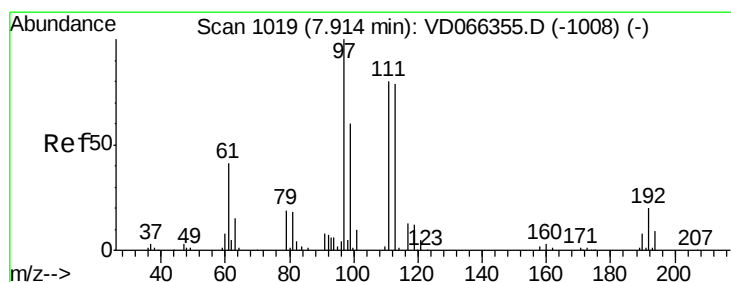
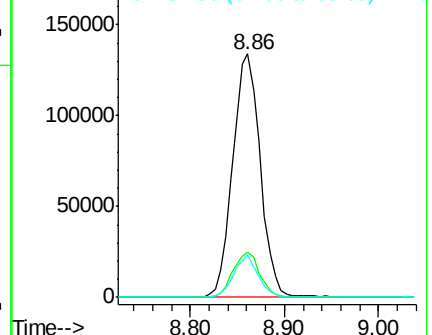
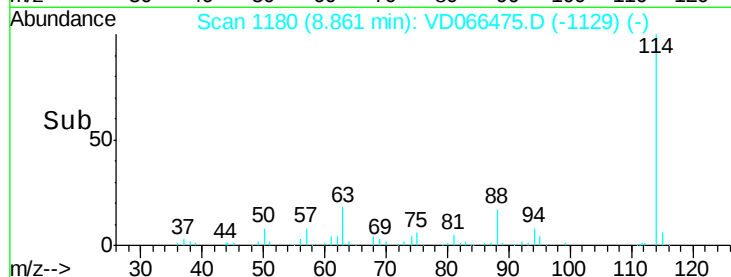
88 17.3 0.0 35.4



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: 49.634 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066475.D

Acq: 31 Aug 2020 11:11

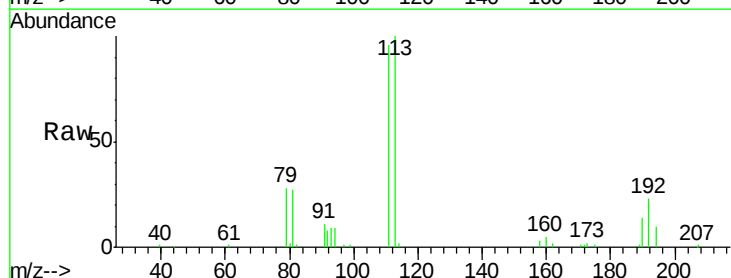
Tgt Ion:113 Resp: 84745

Ion Ratio Lower Upper

113 100

111 101.6 80.3 120.5

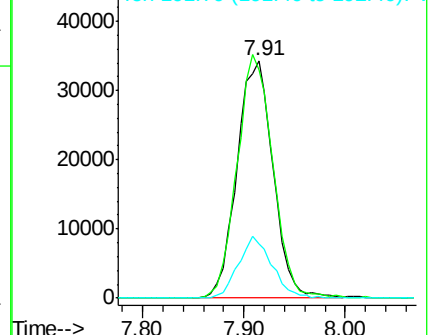
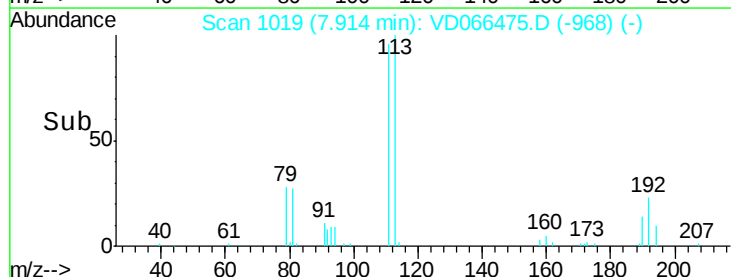
192 23.9 19.0 28.6

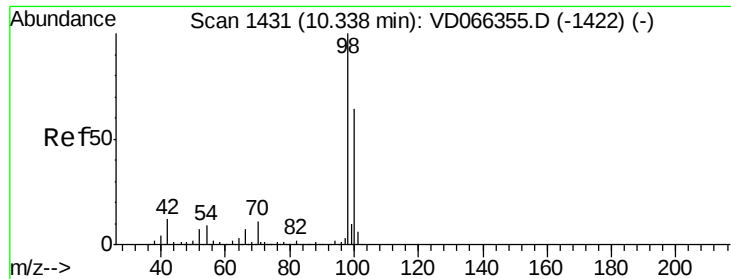


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

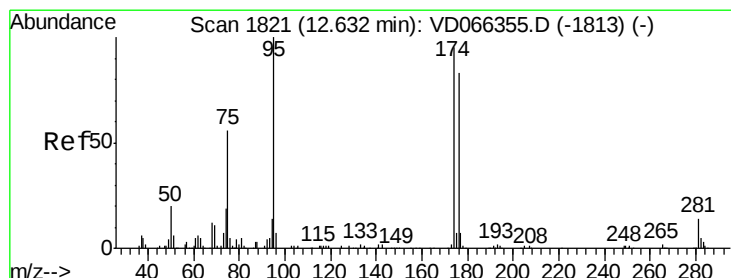
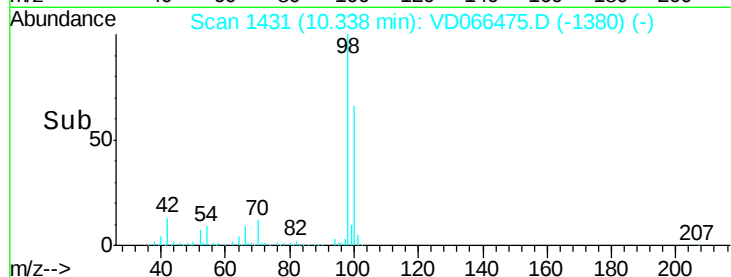
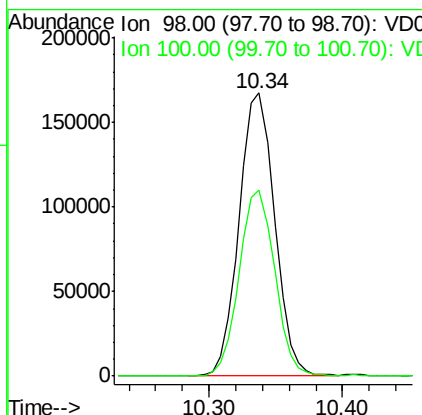
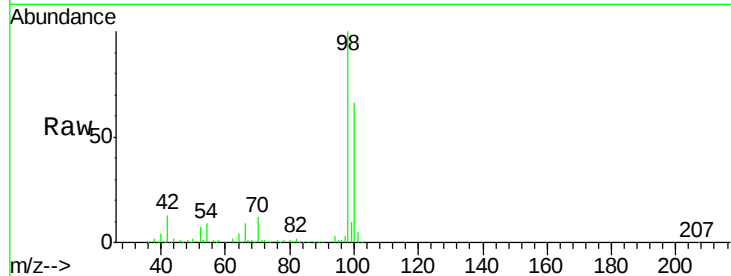




#50
Toluene-d8
Concen: 49.619 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

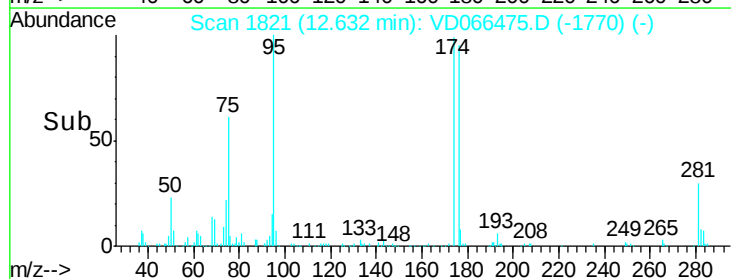
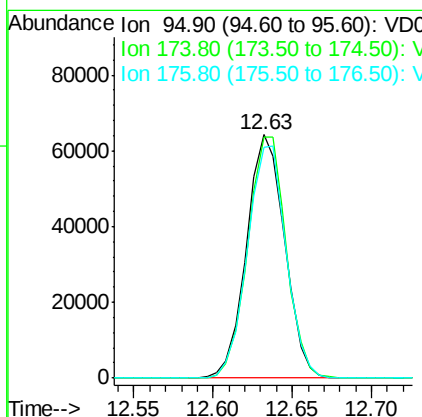
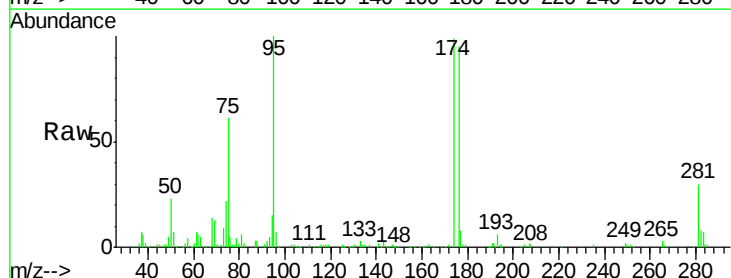
Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

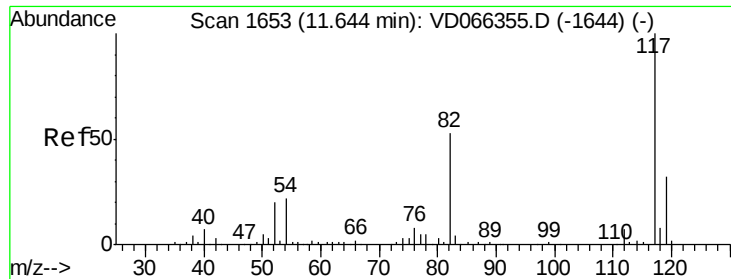
Tot Ion: 98 Resp: 309975
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 95 Resp: 107304
Ion Ratio Lower Upper
95 100
174 99.7 0.0 183.4
176 97.2 0.0 173.8

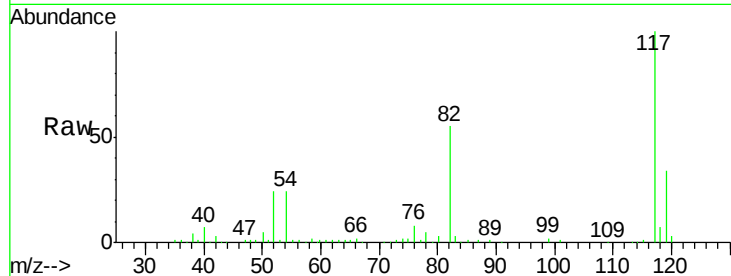




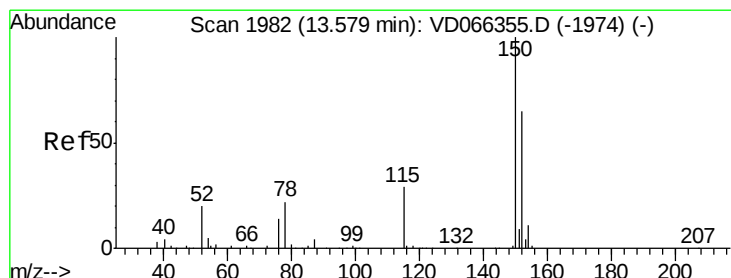
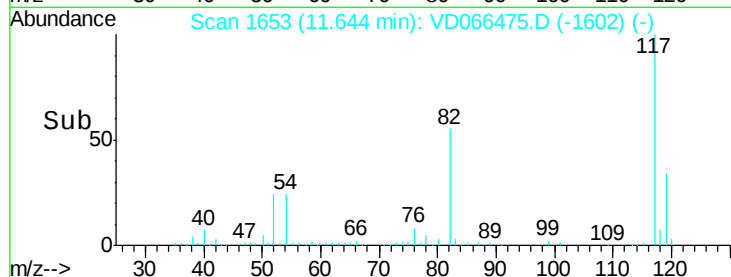
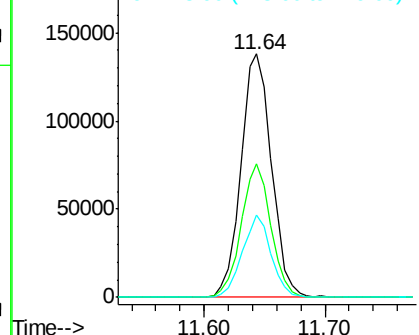
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VD0831SBL01

Tot Ion:117 Resp: 243062
Ion Ratio Lower Upper
117 100
82 54.6 42.8 64.2
119 33.6 25.8 38.8

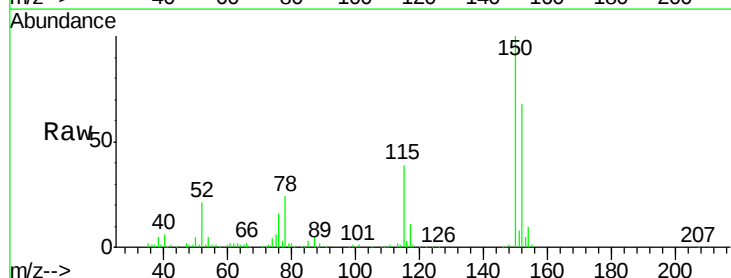


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:152 Resp: 130081
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 153.0 0.0 343.2



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

