

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD064992.D
 Acq On : 29 Jan 2020 12:57
 Operator : VA/SY
 Sample : L1289-01
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-26-27

Quant Time: Jan 29 15:52:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	91001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	140705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	147106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	69398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	64703	74.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.24%	
35) Dibromofluoromethane	7.93	113	53499	60.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.00%	
50) Toluene-d8	10.34	98	172106	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.64	95	59494	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	

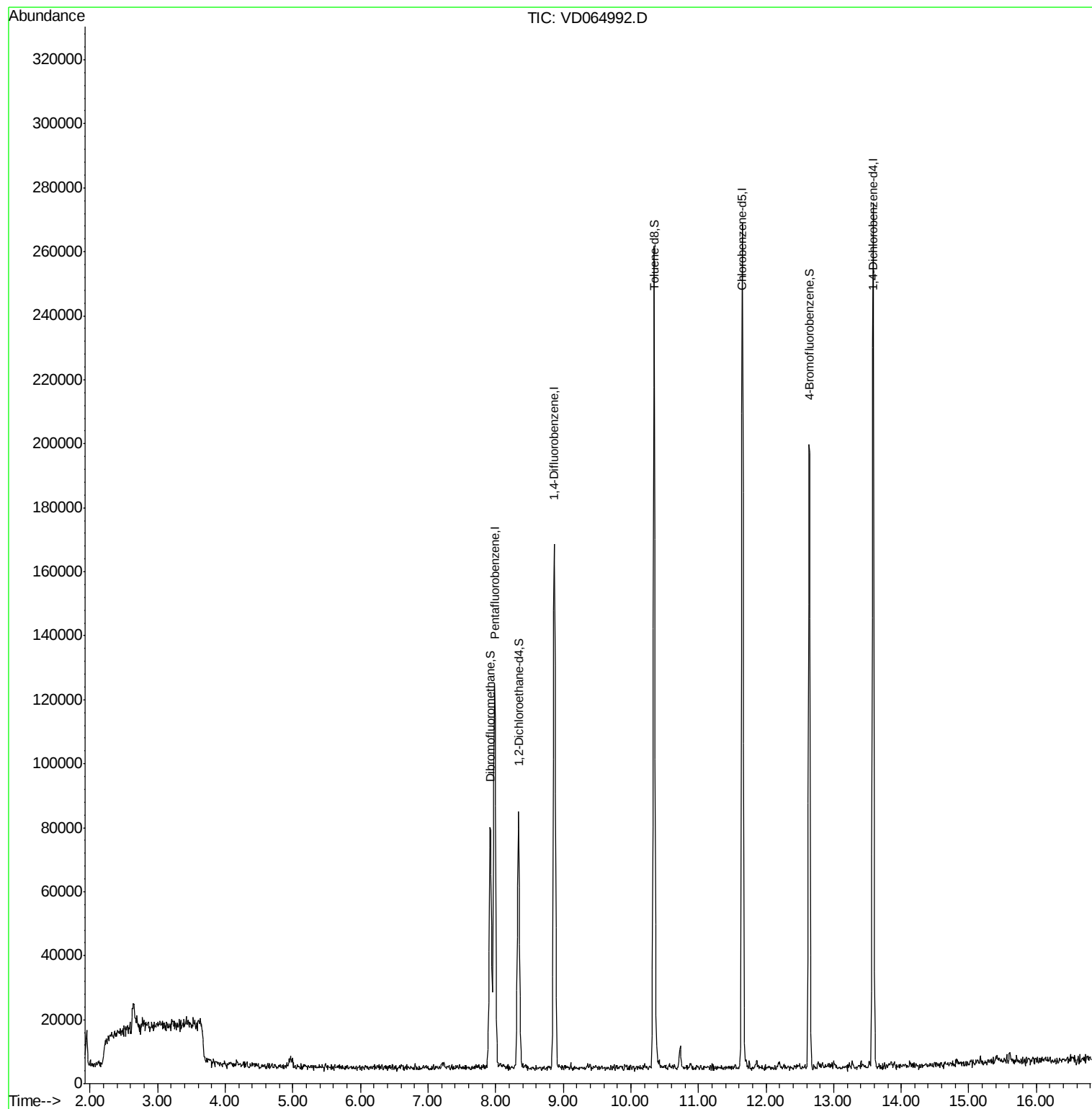
Target Compounds	Qvalue
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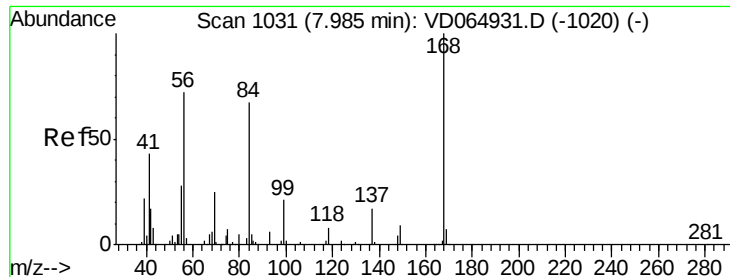
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064992.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

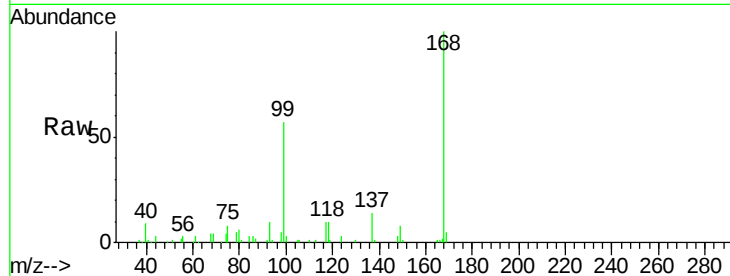
TP-26-27

Tot Ion:168 Resp: 91001

Ion Ratio Lower Upper

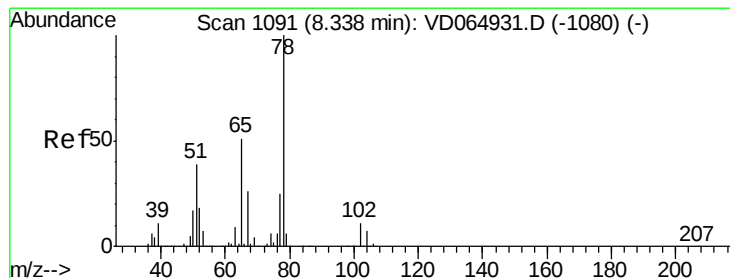
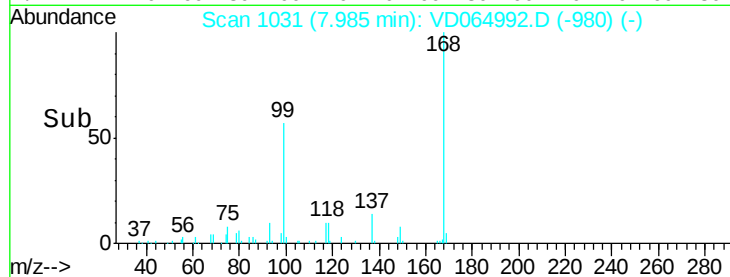
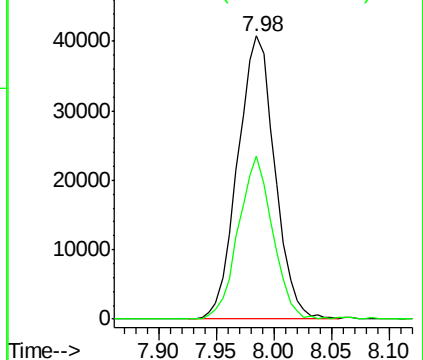
168 100

99 57.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 74.124 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064992.D

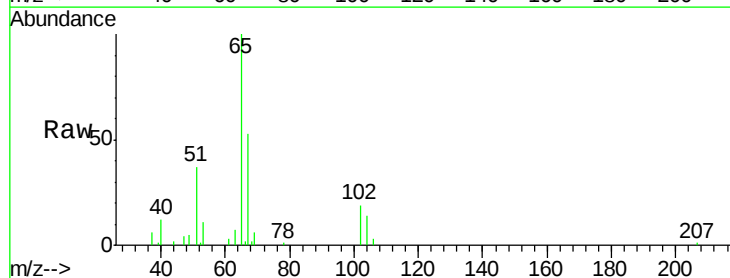
Acq: 29 Jan 2020 12:57

Tgt Ion: 65 Resp: 64703

Ion Ratio Lower Upper

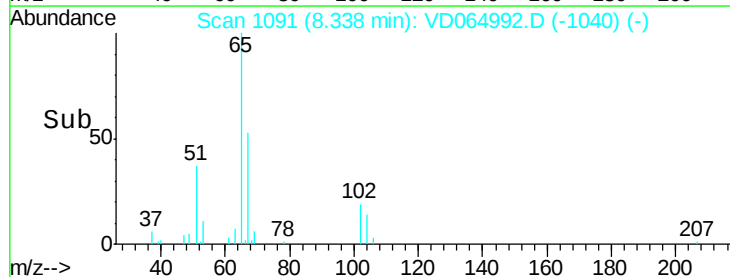
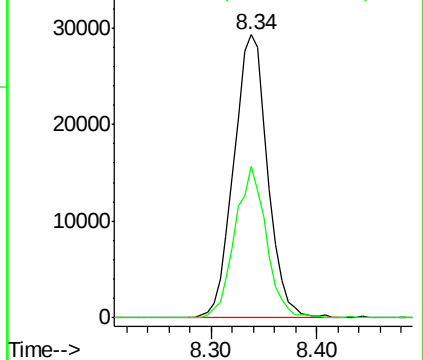
65 100

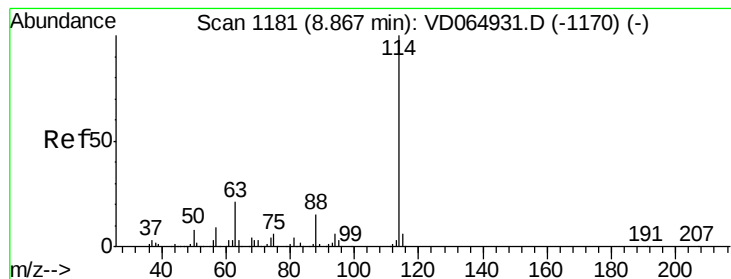
67 49.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064992.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampleId :

TP-26-27

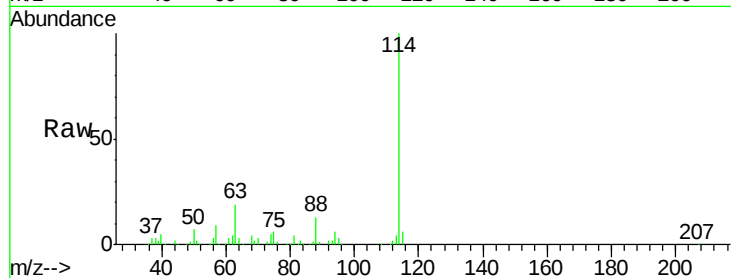
Tot Ion:114 Resp: 140705

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.0

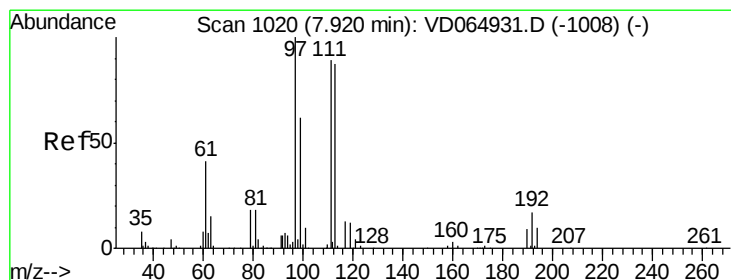
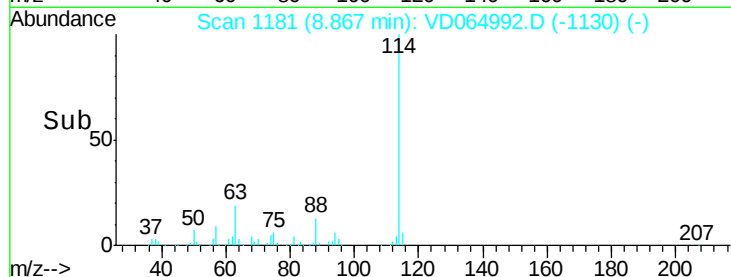
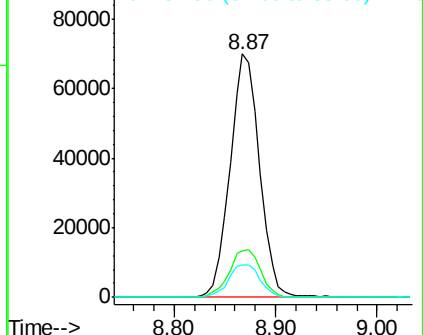
88 13.5 0.0 29.4



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: 60.505 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064992.D

Acq: 29 Jan 2020 12:57

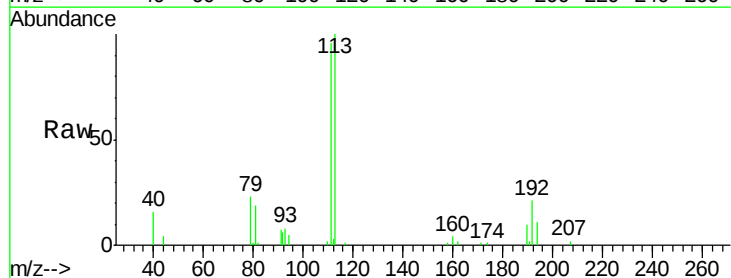
Tgt Ion:113 Resp: 53499

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

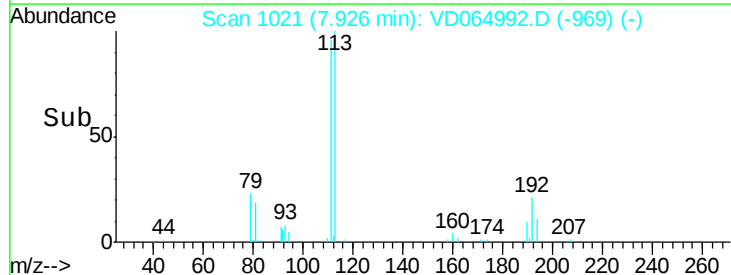
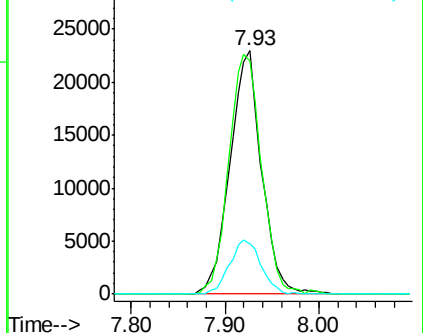
192 21.9 16.9 25.3

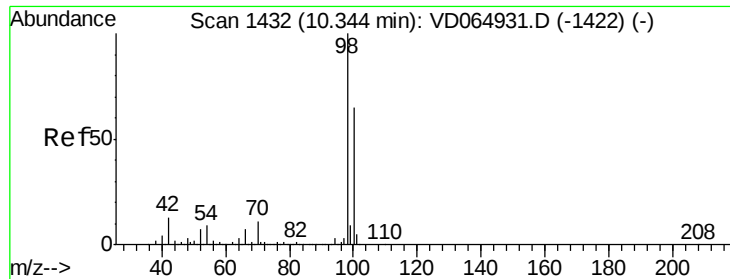


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.431 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064992.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_D

ClientSampled :

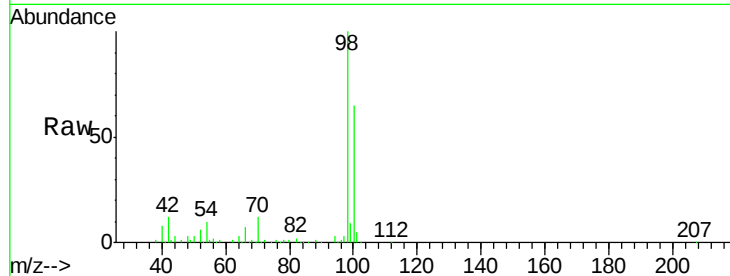
TP-26-27

Tot Ion: 98 Resp: 172106

Ion Ratio Lower Upper

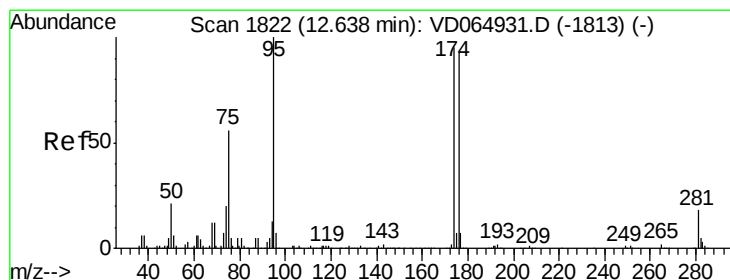
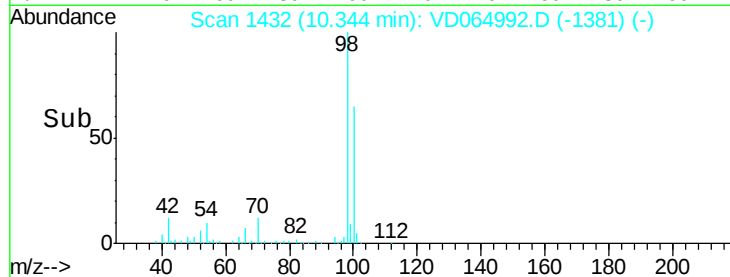
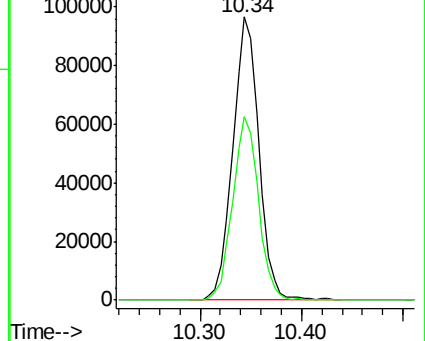
98 100

100 64.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 56.967 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064992.D

Acq: 29 Jan 2020 12:57

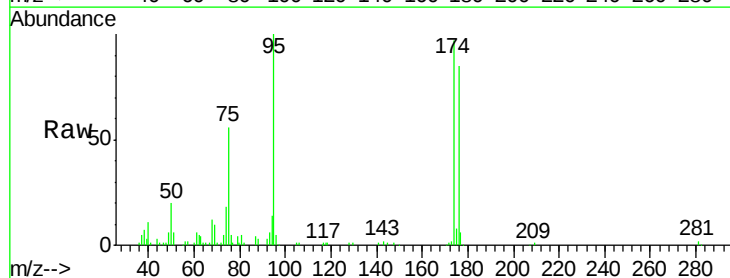
Tgt Ion: 95 Resp: 59494

Ion Ratio Lower Upper

95 100

174 96.0 0.0 186.8

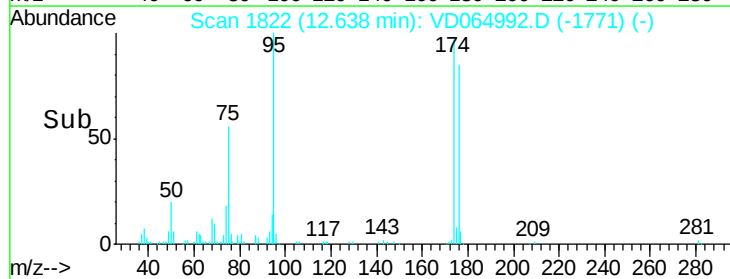
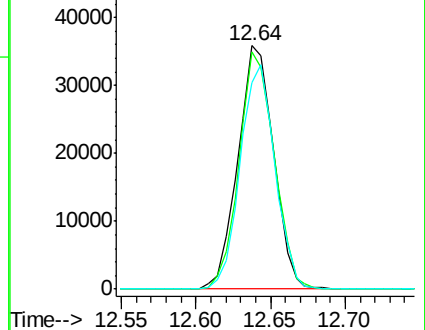
176 89.7 0.0 183.4

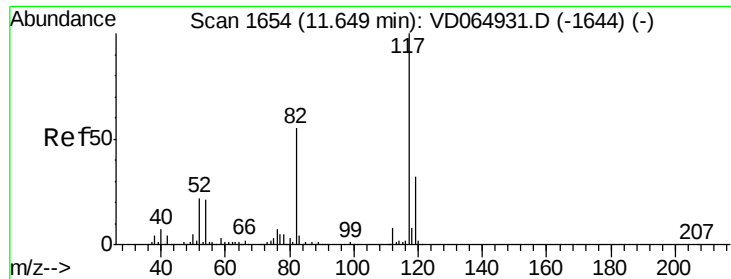


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

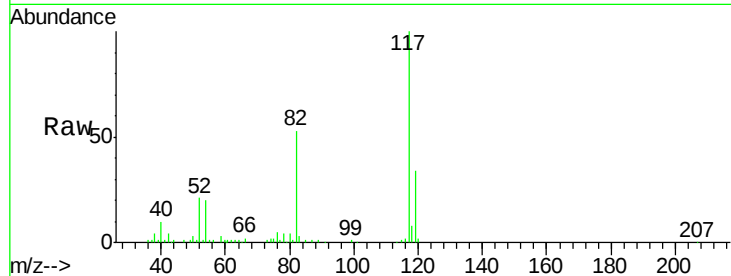




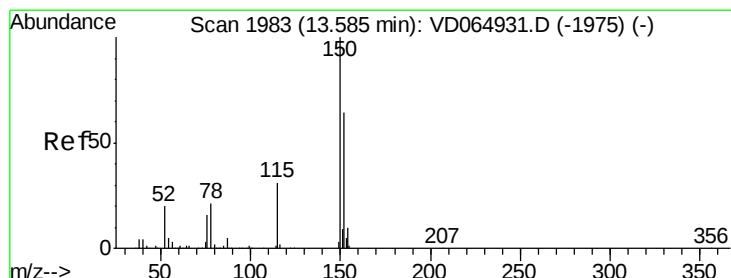
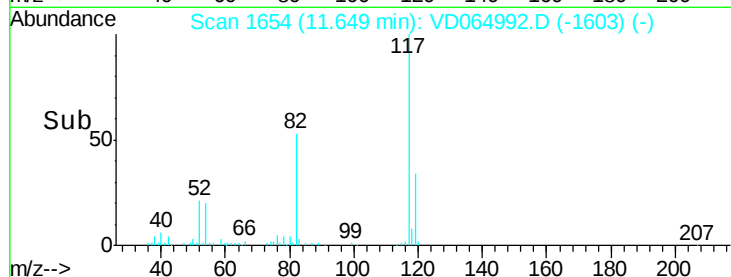
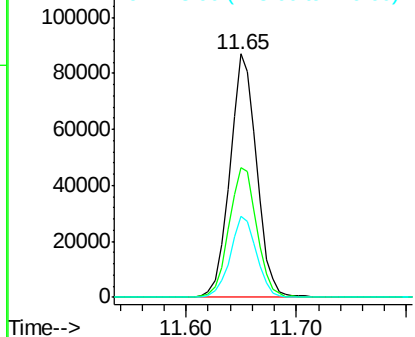
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064992.D
Acq: 29 Jan 2020 12:57

Instrument :
MSVOA_D
ClientSampleId :
TP-26-27

Tot Ion:117 Resp: 147106
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 33.5 25.2 37.8

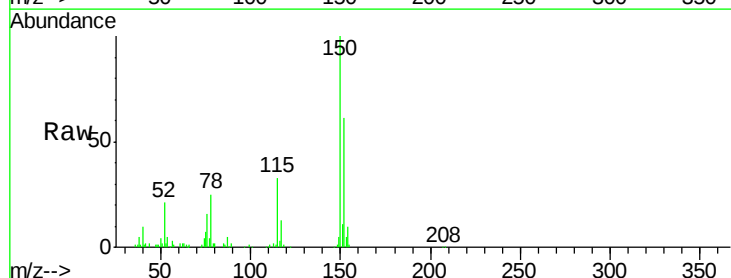


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064992.D
Acq: 29 Jan 2020 12:57

Tgt Ion:152 Resp: 69398
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.4
150 161.6 0.0 350.4



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

