

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064311.D
 Acq On : 20 Nov 2019 14:07
 Operator : VA/SY
 Sample : K5938-01
 Misc : 7.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-277

Quant Time: Nov 20 15:52:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

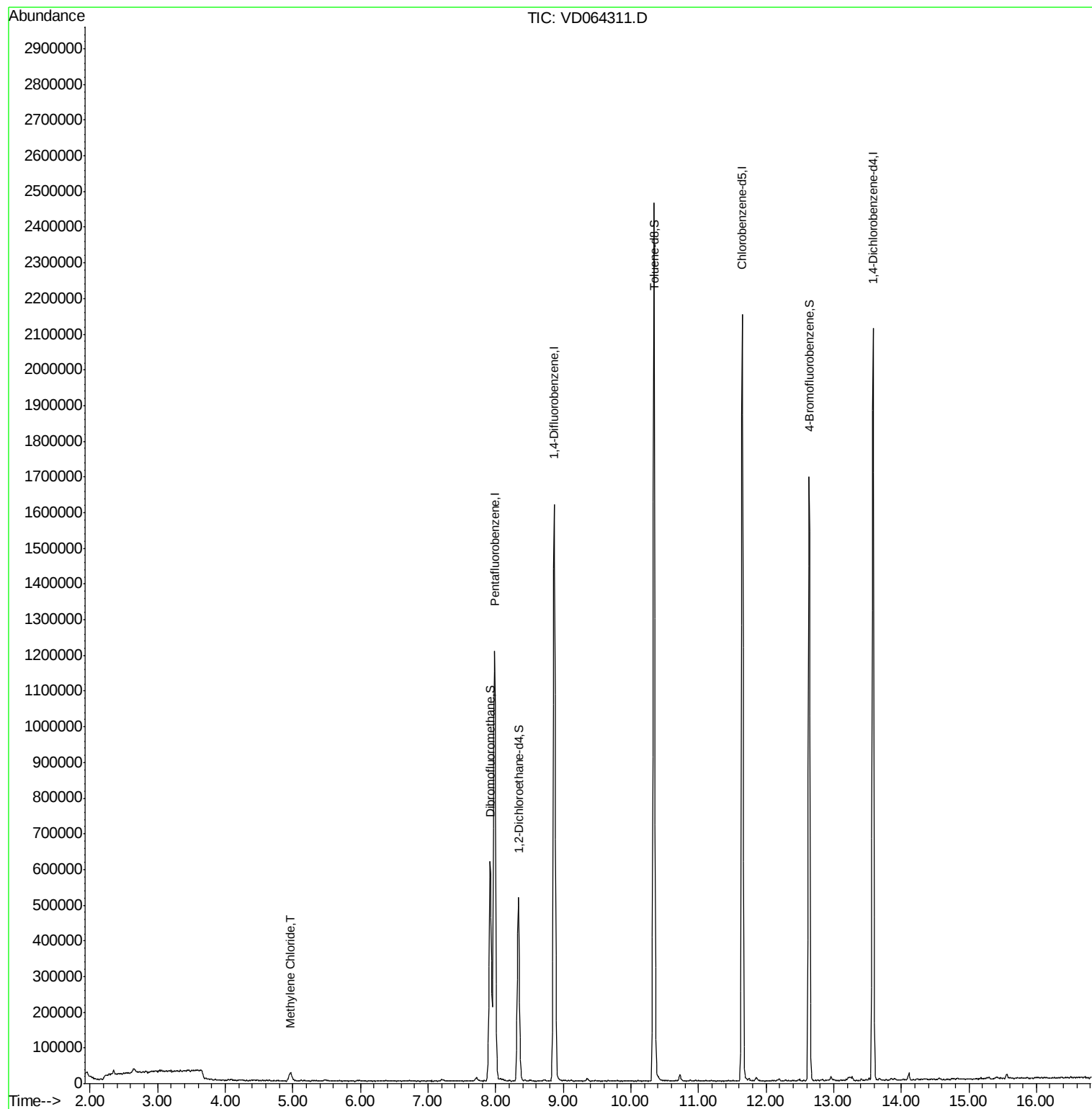
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	990592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1421115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1230331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	578923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	406833	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.92	113	424716	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	10.34	98	1656753	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.64	95	524590	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
20) Methylene Chloride	4.96	84	16768	1.720	ug/l	Qvalue 86

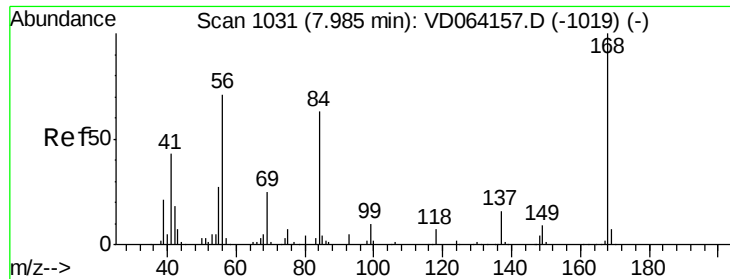
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

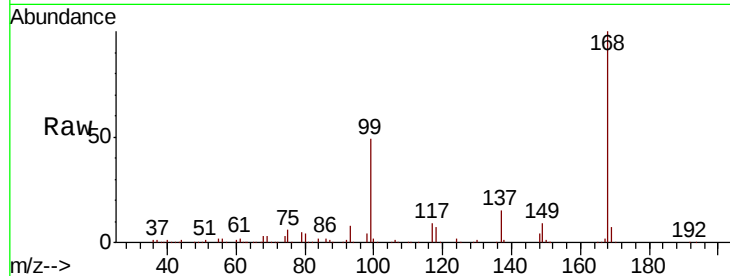
ETGI-277

Tot Ion:168 Resp: 990592

Ion Ratio Lower Upper

168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

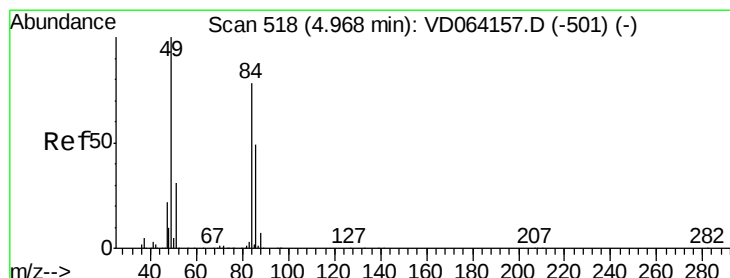
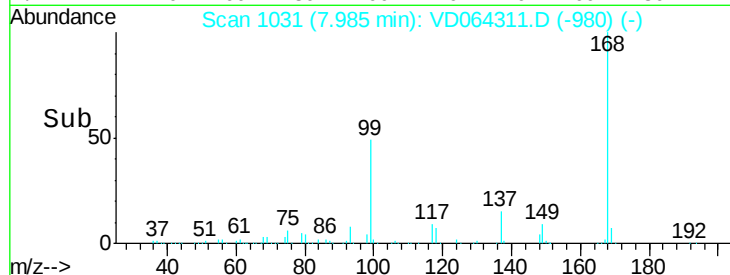
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.720 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Tgt Ion: 84 Resp: 16768

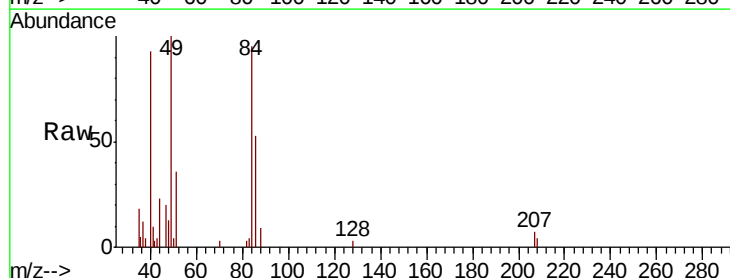
Ion Ratio Lower Upper

84 100

49 105.1 102.1 153.1

51 37.4 32.2 48.2

86 56.1 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.96

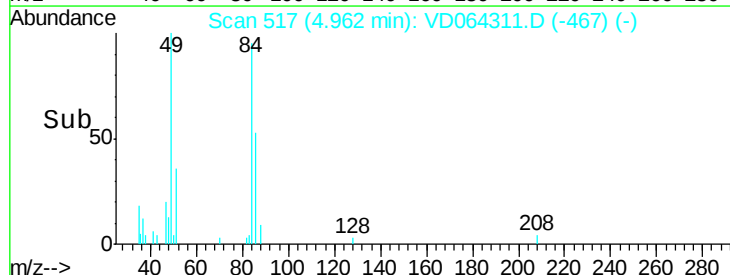
6000

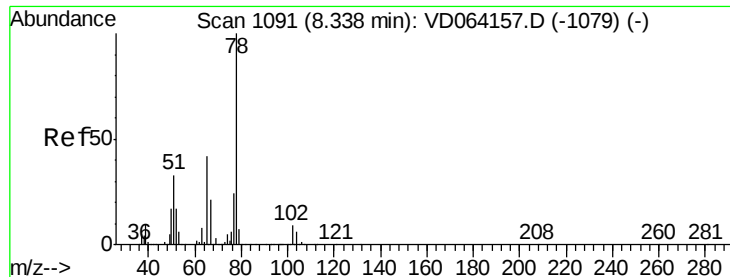
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.936 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

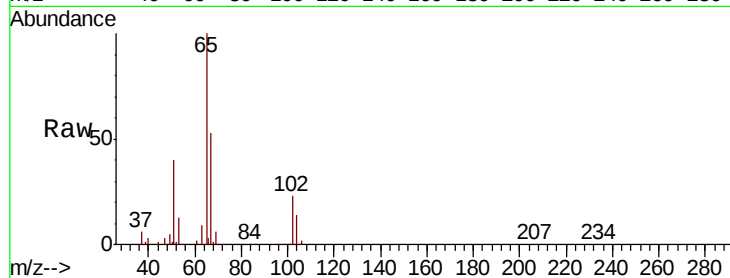
ETGI-277

Tot Ion: 65 Resp: 406833

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

200000

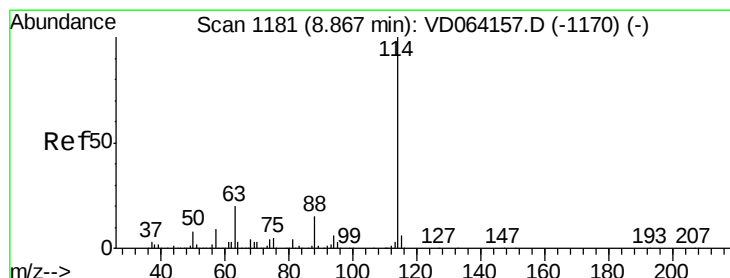
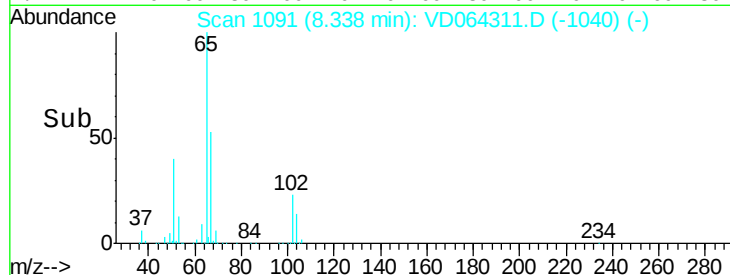
150000

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: VD064311.D

Acq: 20 Nov 2019 14:07

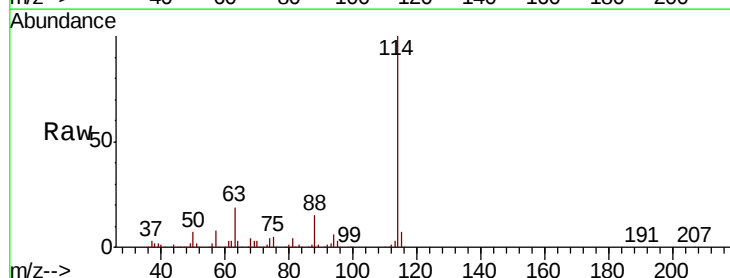
Tgt Ion: 114 Resp: 1421115

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 14.8 0.0 30.2



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

8.87

800000

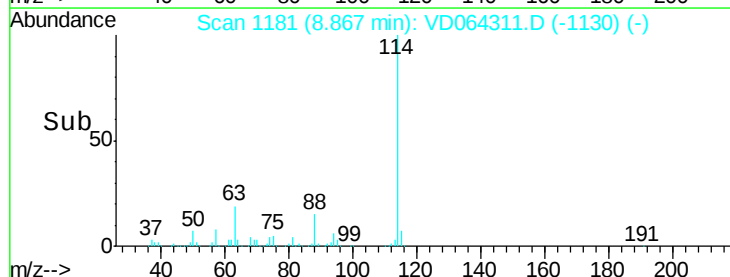
600000

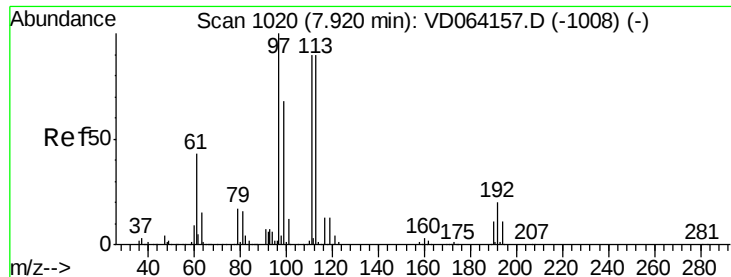
400000

200000

0

Time-->

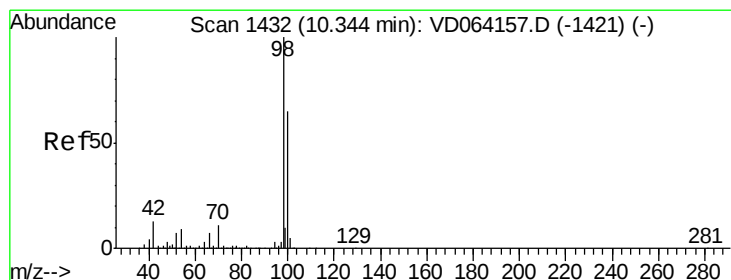
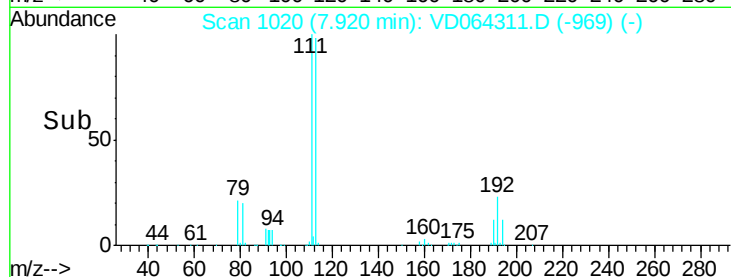
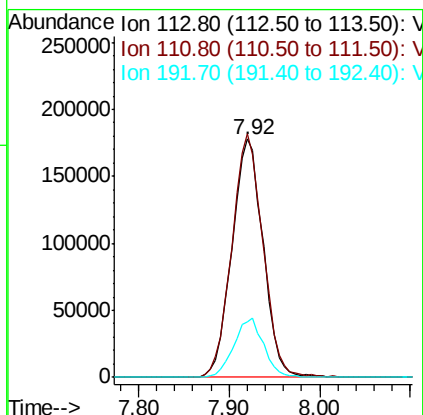
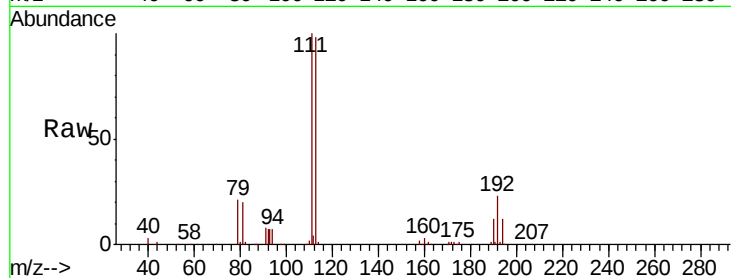




#35
 Dibromofluoromethane
 Concen: 52.065 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

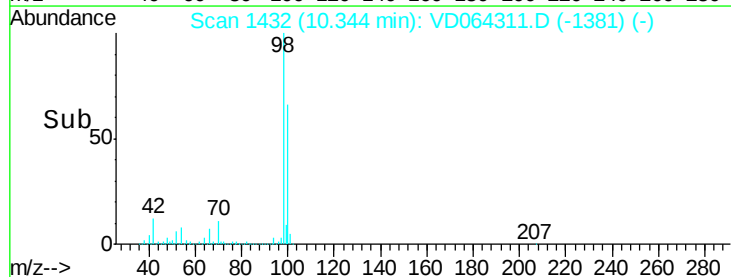
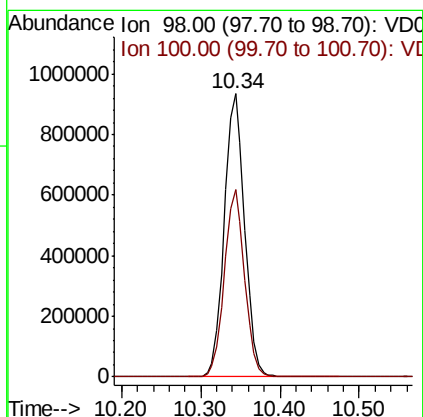
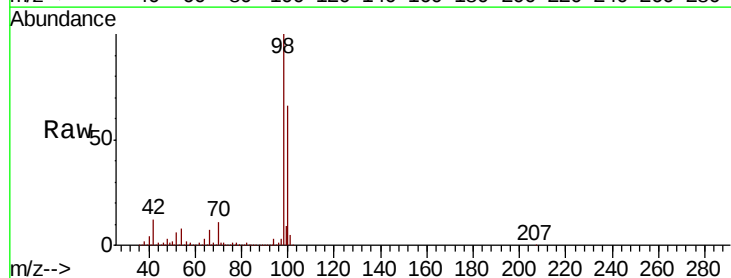
Instrument :
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 ETGI-277

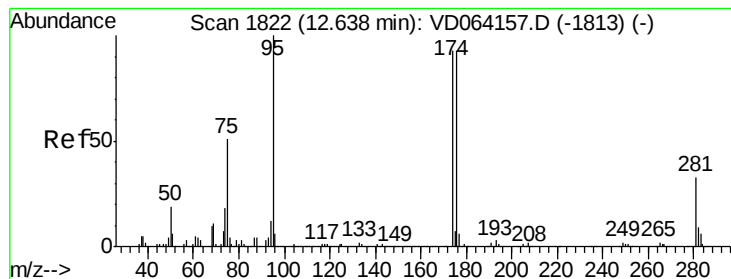
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	23.8	18.8	28.2



#50
 Toluene-d8
 Concen: 53.837 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 49.225 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

ETGI-277

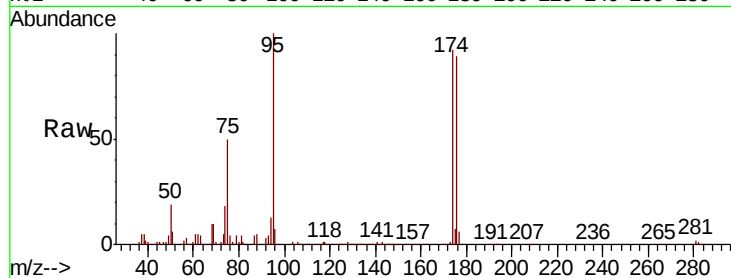
Tot Ion: 95 Resp: 524590

Ion Ratio Lower Upper

95 100

174 95.5 0.0 183.6

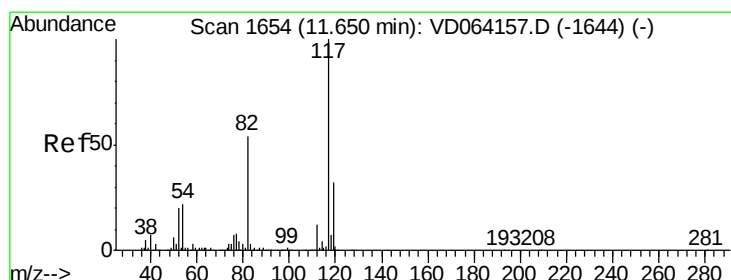
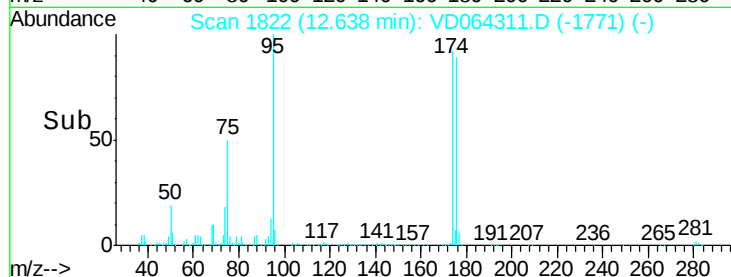
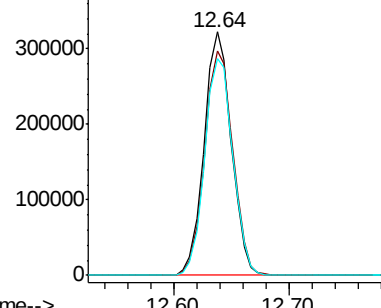
176 92.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

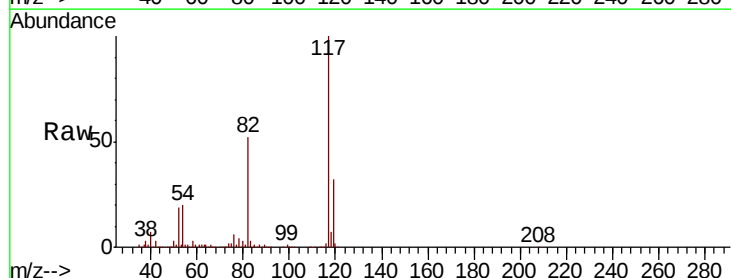
Tgt Ion: 117 Resp: 1230331

Ion Ratio Lower Upper

117 100

82 51.9 42.8 64.2

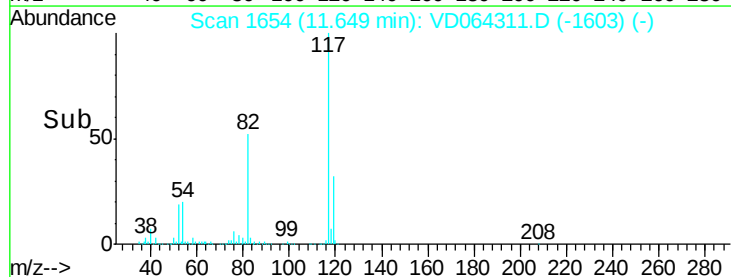
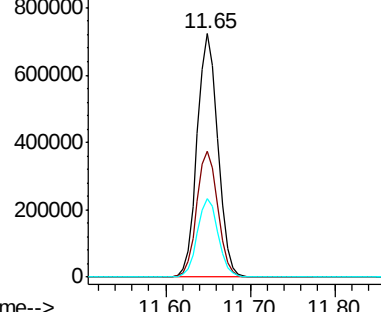
119 32.2 25.6 38.4

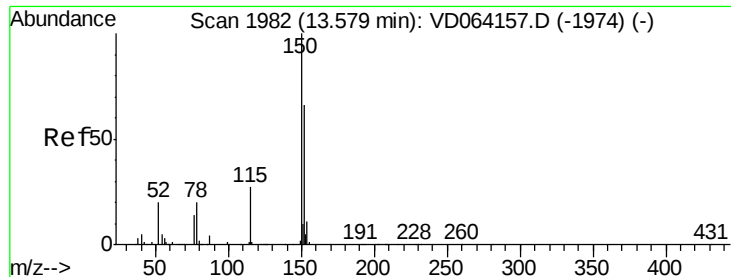


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.01 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

ETGI-277

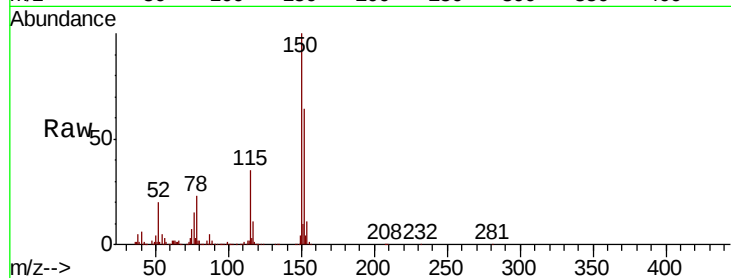
Tot Ion:152 Resp: 578923

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

150 155.9 0.0 351.6



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

