

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064178.D
 Acq On : 11 Nov 2019 15:19
 Operator : VA/SY
 Sample : K5676-11
 Misc : 7.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-110819

Quant Time: Nov 12 03:14:23 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

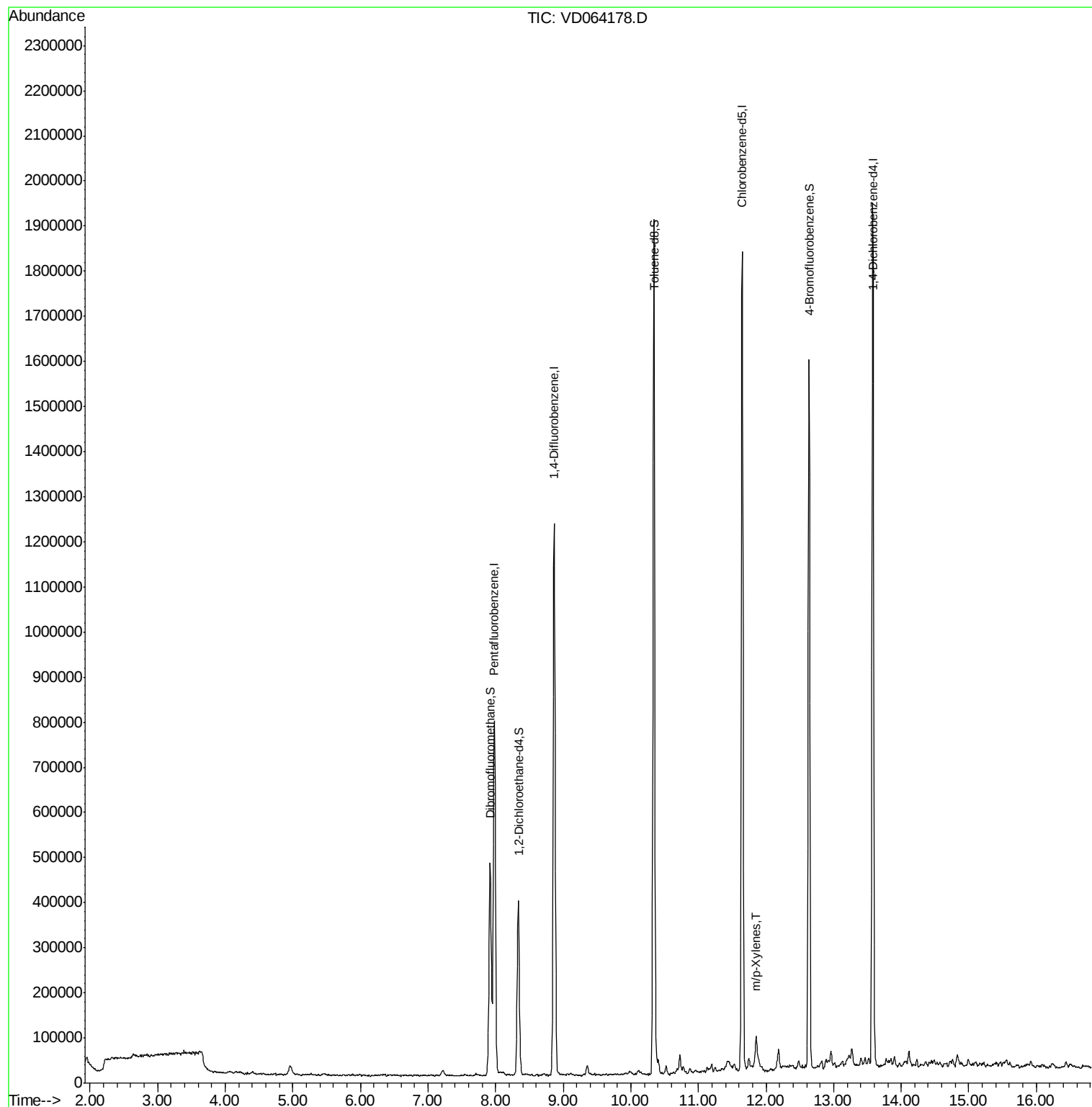
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	639229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1041775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1038897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	517647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	317196	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.66%	
35) Dibromofluoromethane	7.92	113	330017	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
50) Toluene-d8	10.34	98	1265717	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.64	95	480042	61.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.90%	
Target Compounds						
68) m/p-Xylenes	11.85	106	19405	1.325	ug/l	Qvalue 96

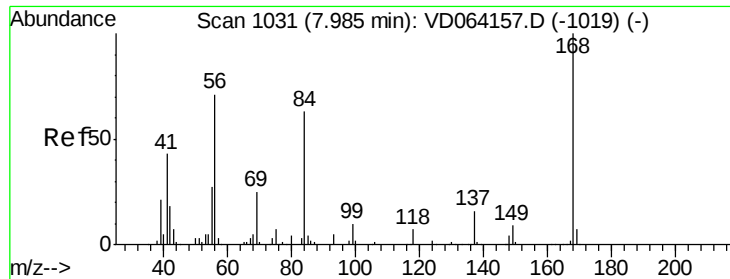
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064178.D

Acq: 11 Nov 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

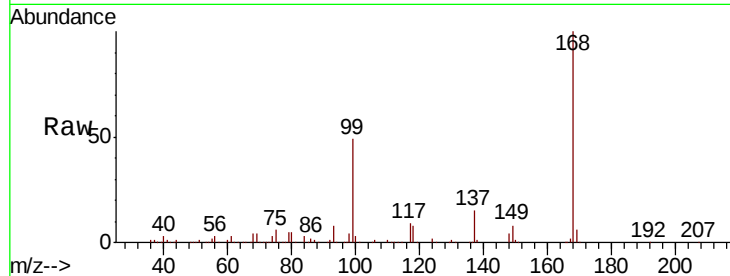
SU-03-110819

Tot Ion:168 Resp: 639229

Ion Ratio Lower Upper

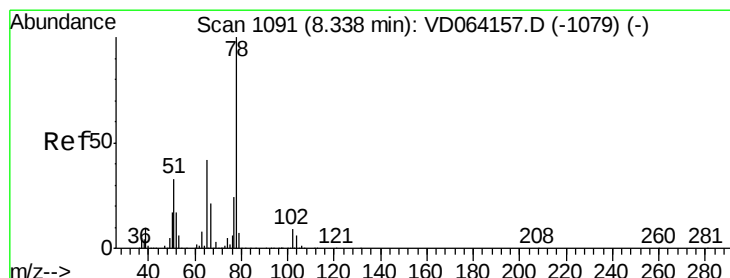
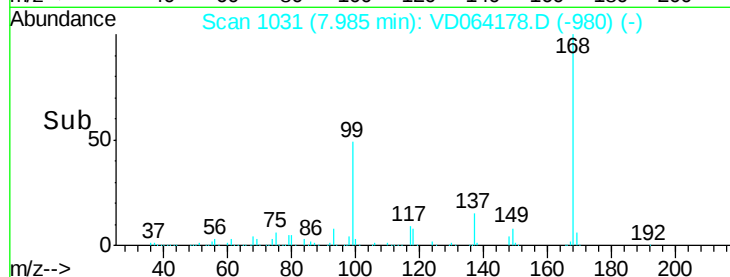
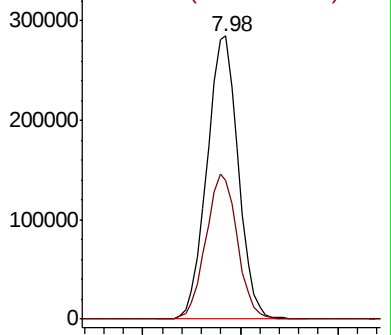
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 60.335 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064178.D

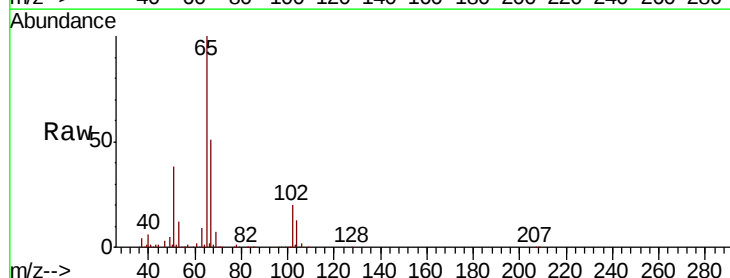
Acq: 11 Nov 2019 15:19

Tgt Ion: 65 Resp: 317196

Ion Ratio Lower Upper

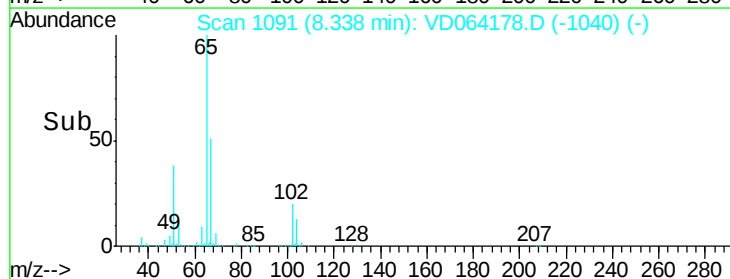
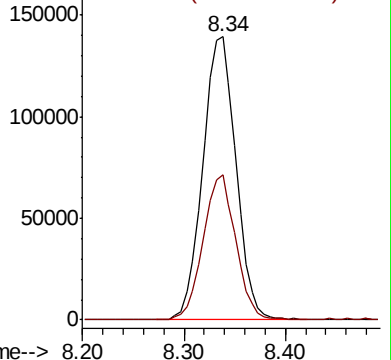
65 100

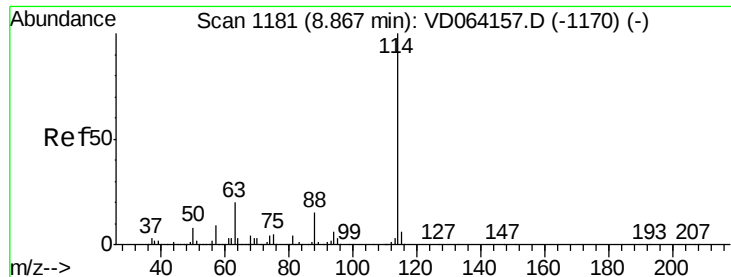
67 49.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

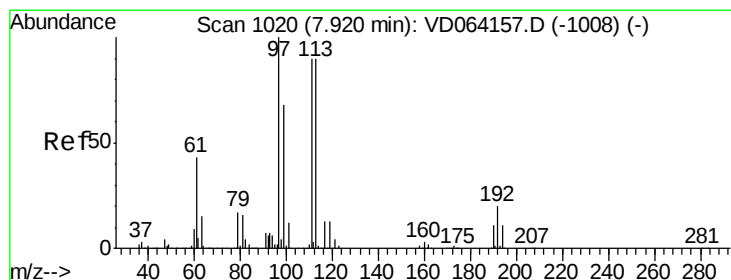
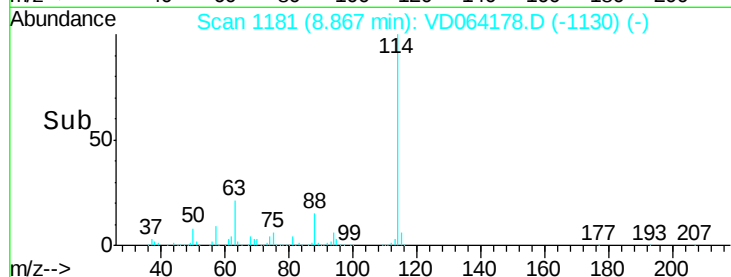
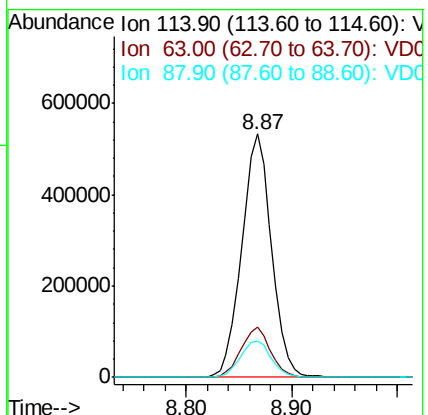
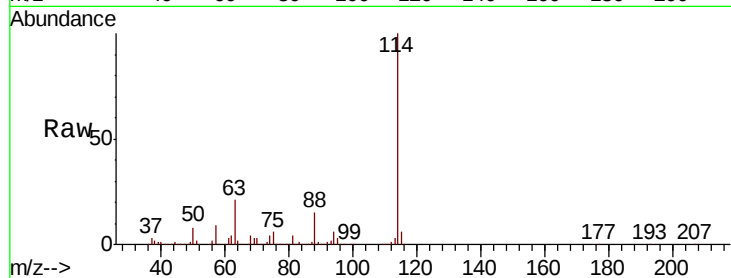




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064178.D
Acq: 11 Nov 2019 15:19

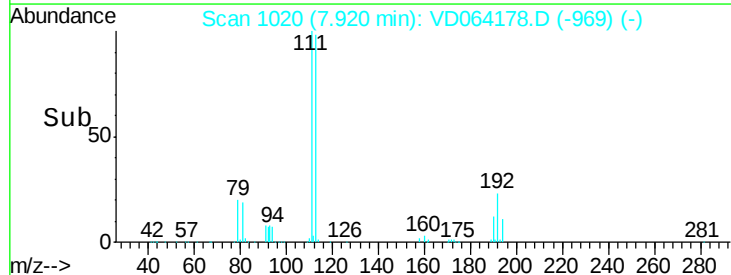
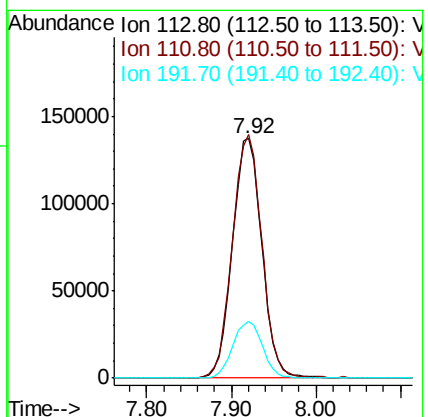
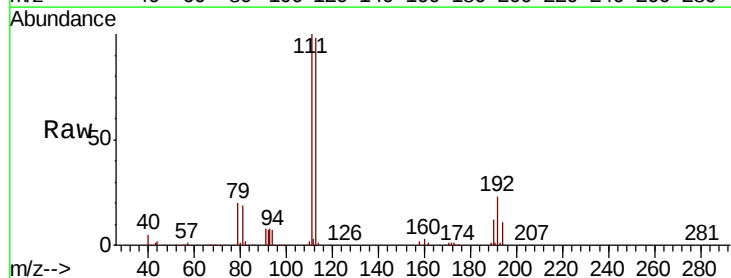
Instrument :
MSVOA_D
ClientSampleId :
SU-03-110819

Tot Ion:114 Resp: 1041775
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 14.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 55.187 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064178.D
Acq: 11 Nov 2019 15:19

Tgt Ion:113 Resp: 330017
Ion Ratio Lower Upper
113 100
111 101.5 81.5 122.3
192 23.8 18.8 28.2





#50

Toluene-d8

Concen: 56.107 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064178.D

Acq: 11 Nov 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

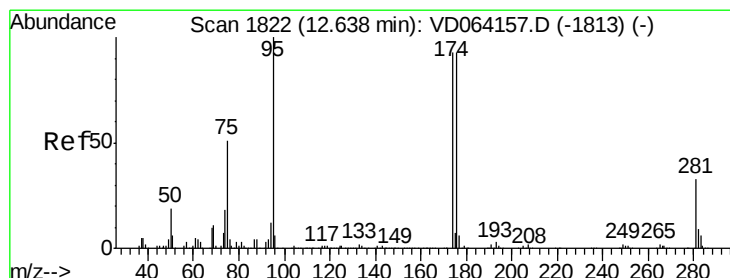
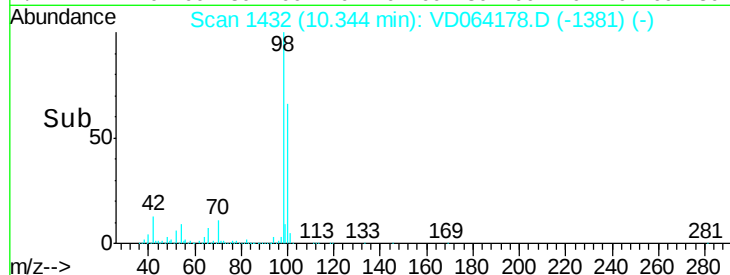
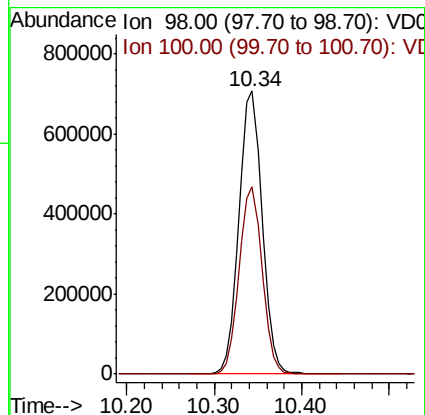
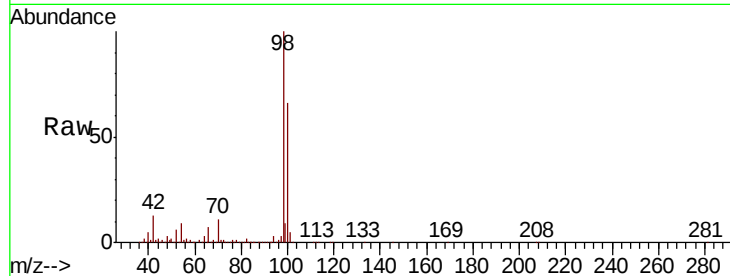
SU-03-110819

Tot Ion: 98 Resp: 1265717

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 61.447 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064178.D

Acq: 11 Nov 2019 15:19

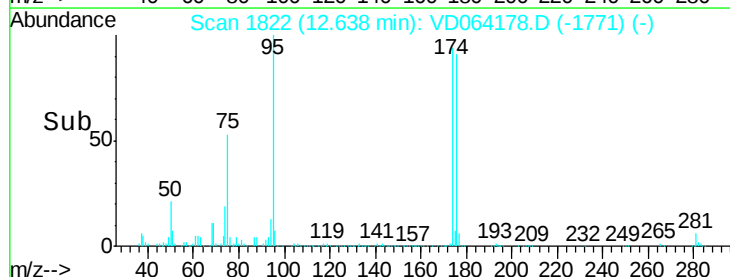
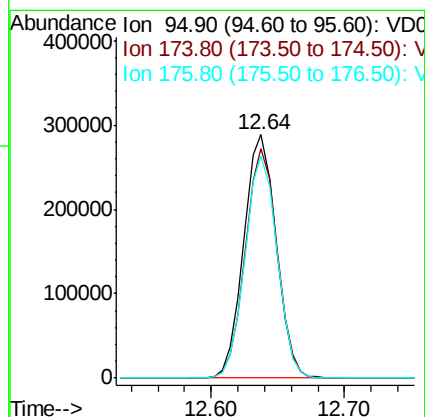
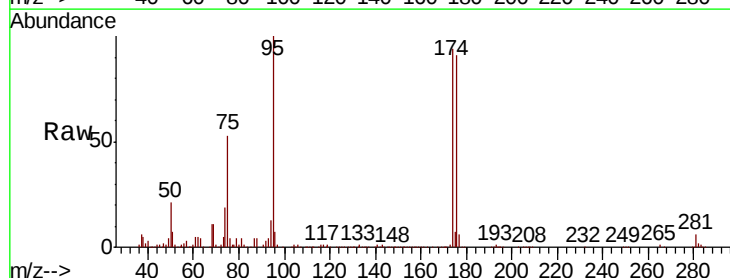
Tgt Ion: 95 Resp: 480042

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.6

176 90.8 0.0 180.2

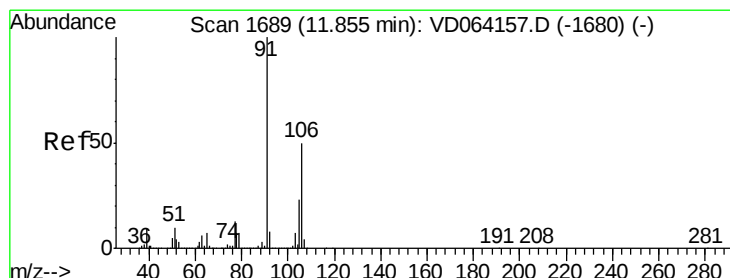
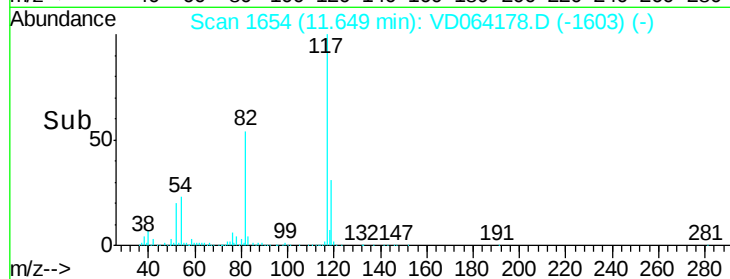
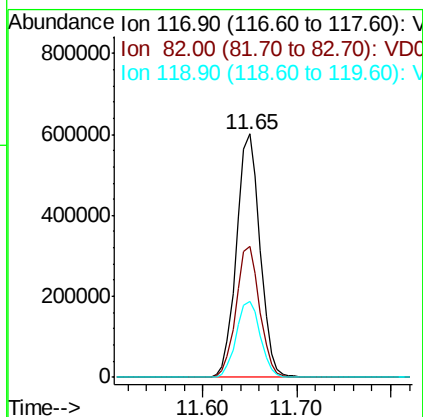
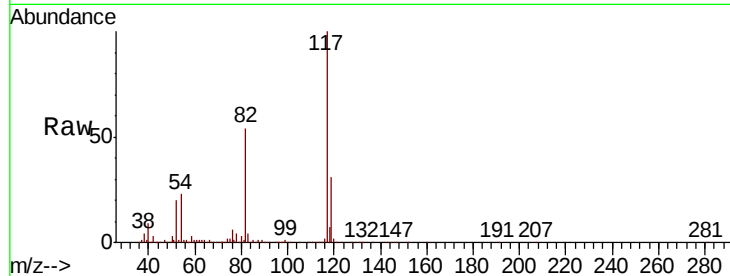




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064178.D
Acq: 11 Nov 2019 15:19

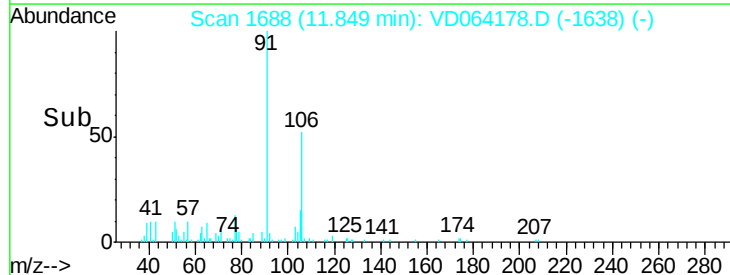
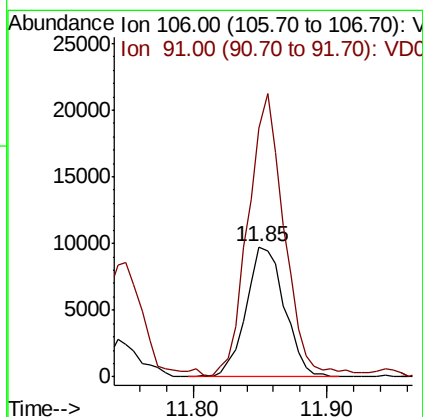
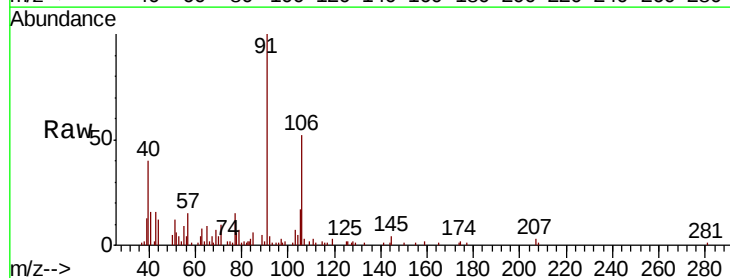
Instrument :
MSVOA_D
ClientSampleId :
SU-03-110819

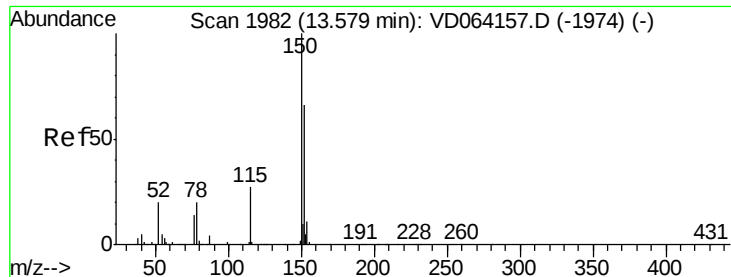
Tot Ion:117 Resp: 1038897
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 1.325 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064178.D
Acq: 11 Nov 2019 15:19

Tgt Ion:106 Resp: 19405
Ion Ratio Lower Upper
106 100
91 206.7 160.3 240.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064178.D

Acq: 11 Nov 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

SU-03-110819

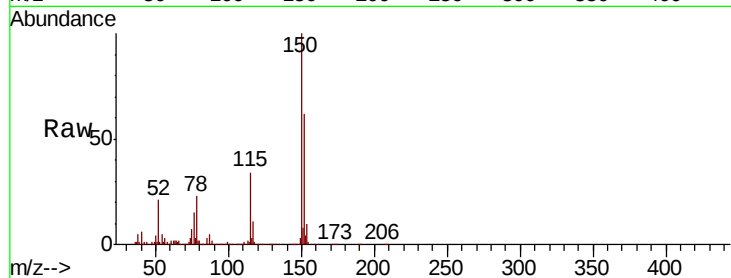
Tot Ion:152 Resp: 517647

Ion Ratio Lower Upper

152 100

115 55.5 27.4 82.2

150 157.6 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

