

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064213.D
 Acq On : 14 Nov 2019 14:09
 Operator : VA/SY
 Sample : K5826-02
 Misc : 7.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-S2

Quant Time: Nov 15 06:09:19 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

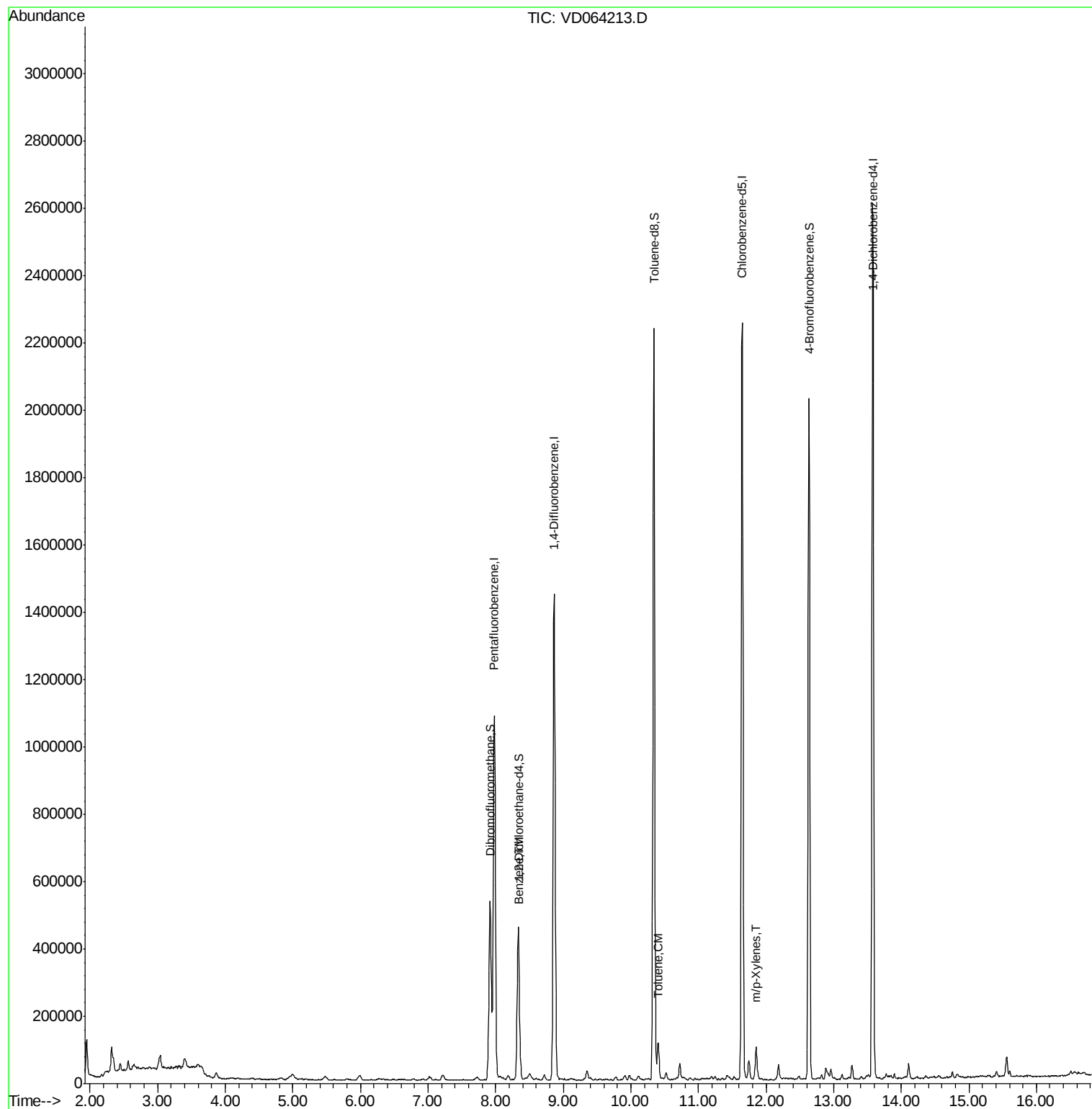
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	869038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1277420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1324786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	709914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	342417	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	7.91	113	368282	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	1531331	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.64	95	627412	65.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.00%	
Target Compounds						
40) Benzene	8.35	78	49401	1.533	ug/l #	87
52) Toluene	10.41	92	49256	2.325	ug/l	95
68) m/p-Xylenes	11.86	106	27278	1.460	ug/l	98

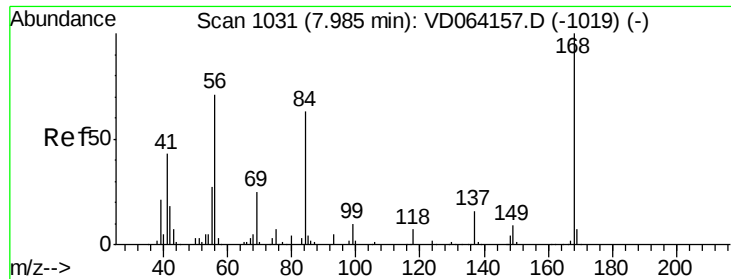
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064213.D

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MSVOA_D

ClientSampleId :

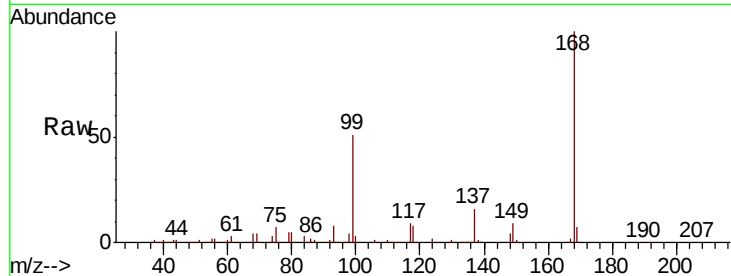
TP-15-S2

Tot Ion:168 Resp: 869038

Ion Ratio Lower Upper

168 100

99 50.9 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

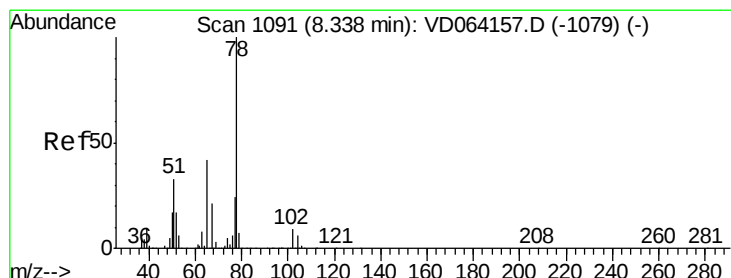
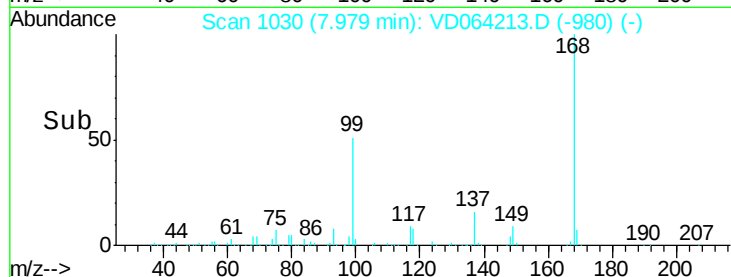
200000

100000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.908 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064213.D

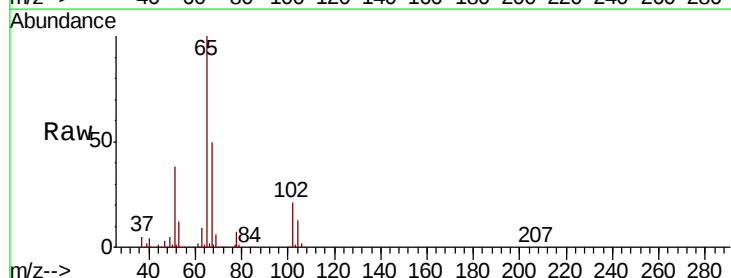
Acq: 14 Nov 2019 14:09

Tgt Ion: 65 Resp: 342417

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

150000

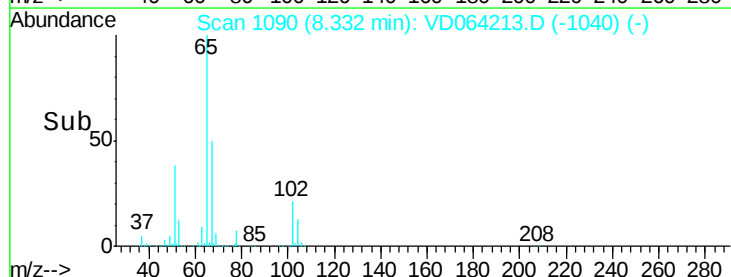
100000

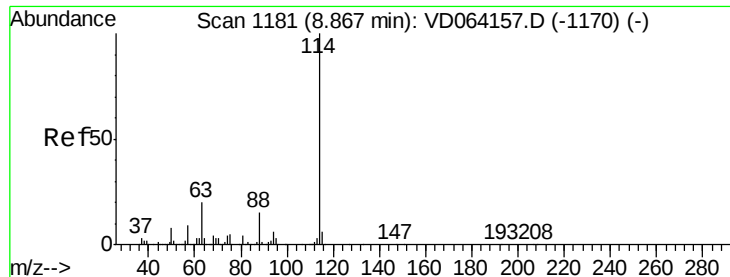
50000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

TP-15-S2

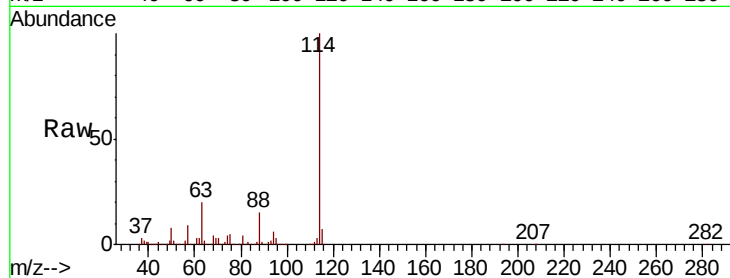
Tot Ion:114 Resp: 1277420

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

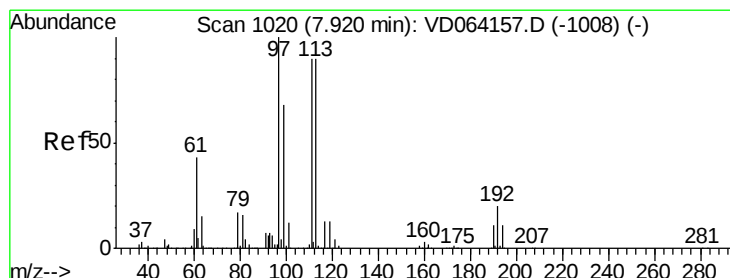
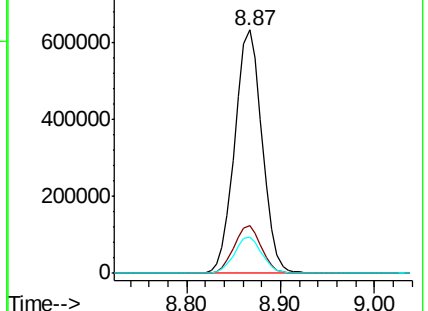
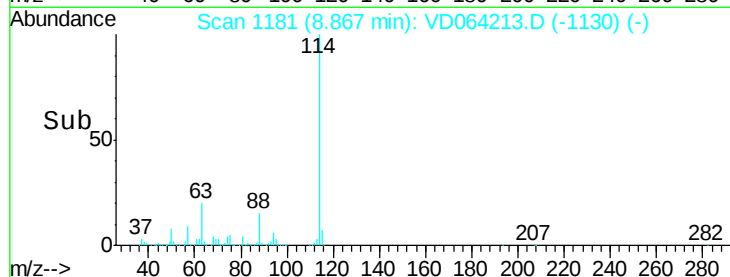
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.225 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

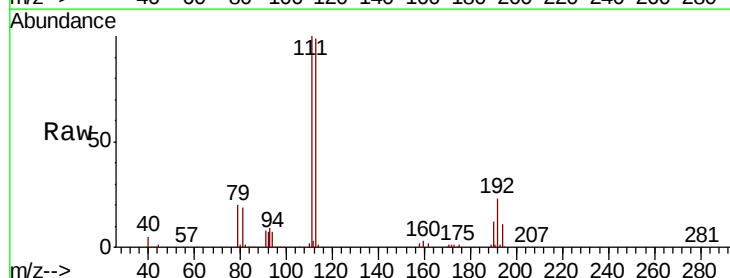
Tgt Ion:113 Resp: 368282

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

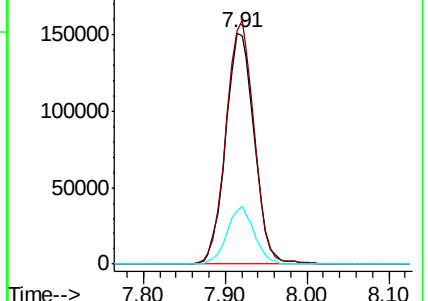
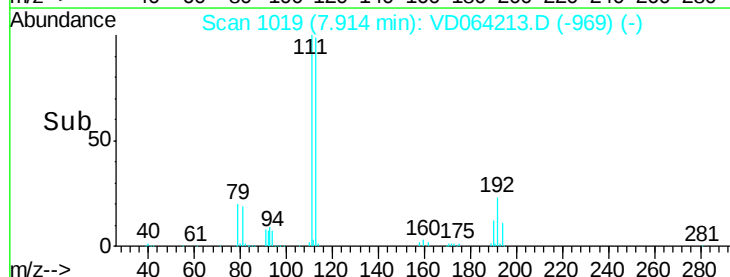
192 23.7 18.8 28.2

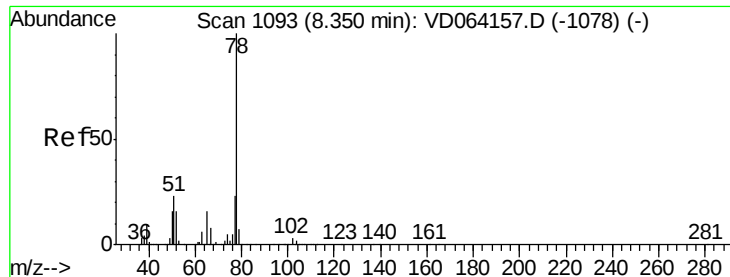


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.533 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

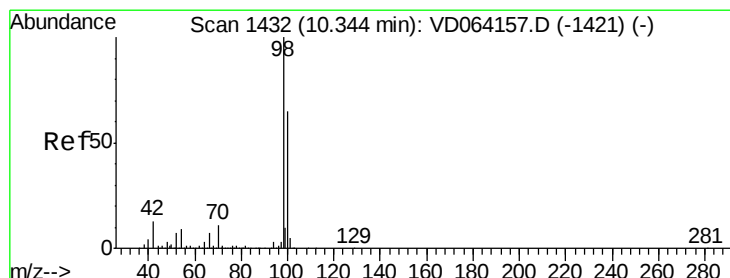
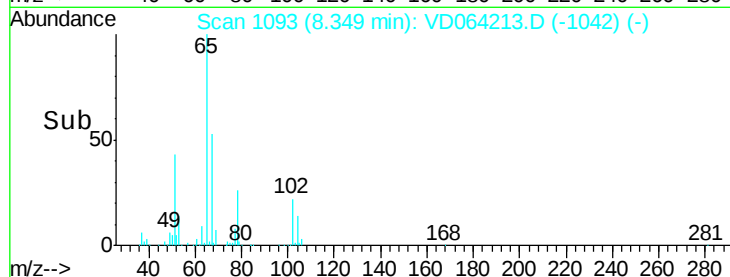
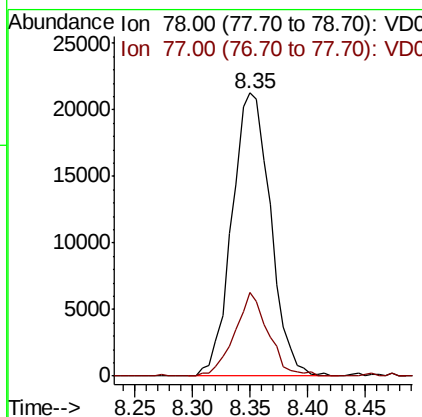
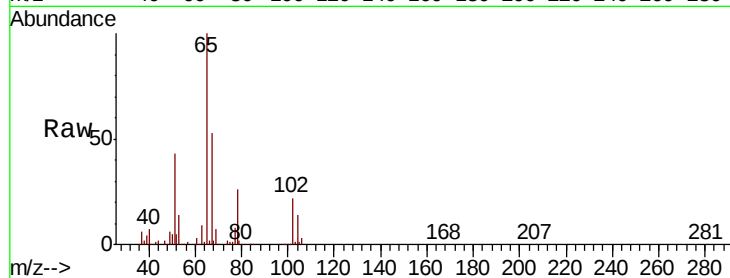
TP-15-S2

Tot Ion: 78 Resp: 49401

Ion Ratio Lower Upper

78 100

77 29.4 18.6 28.0#



#50

Toluene-d8

Concen: 55.359 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064213.D

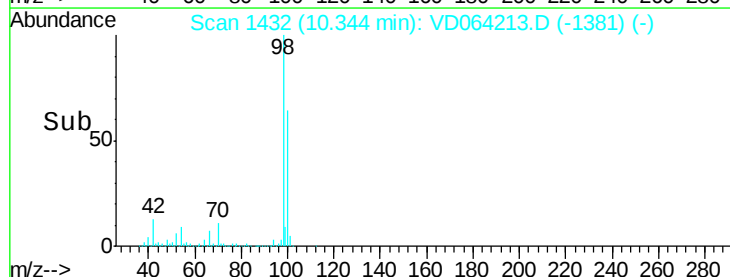
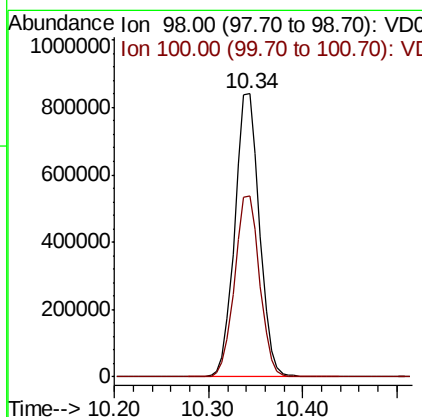
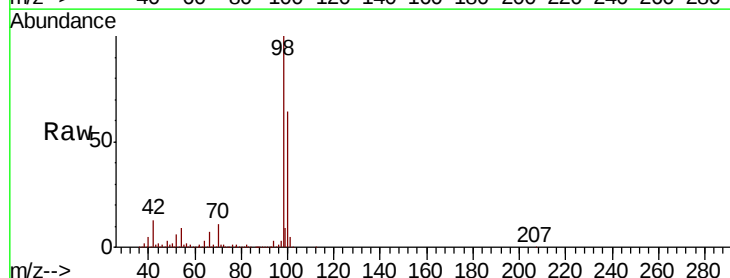
Acq: 14 Nov 2019 14:09

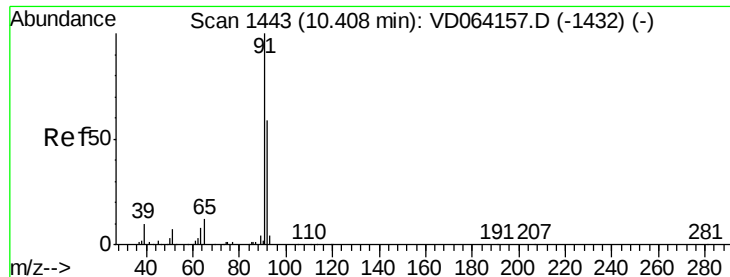
Tgt Ion: 98 Resp: 1531331

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8





#52

Toluene

Concen: 2.325 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

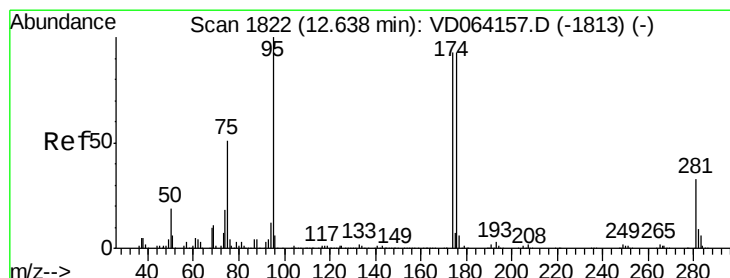
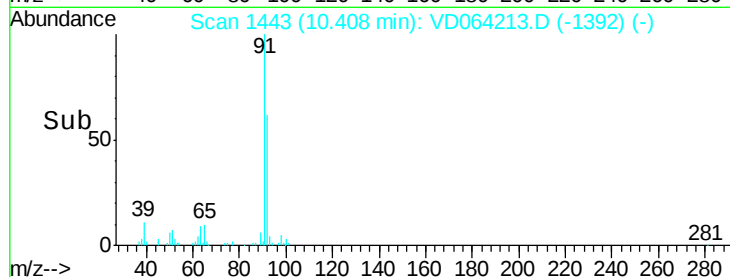
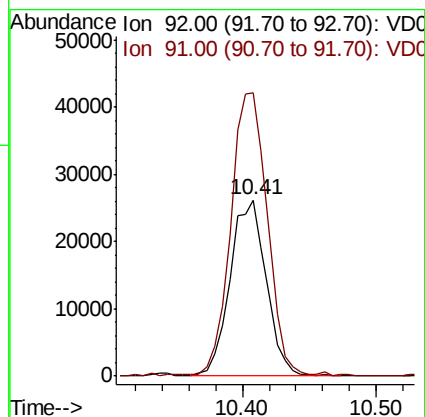
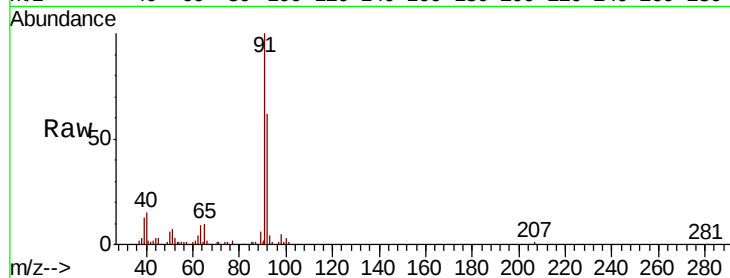
TP-15-S2

Tot Ion: 92 Resp: 49256

Ion Ratio Lower Upper

92 100

91 163.6 136.4 204.6



#62

4-Bromofluorobenzene

Concen: 65.496 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

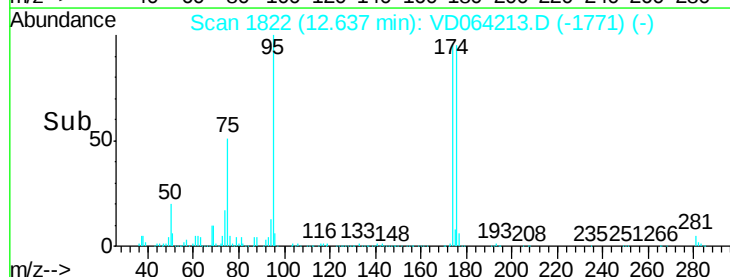
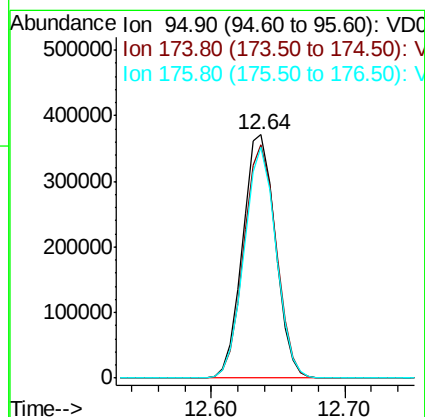
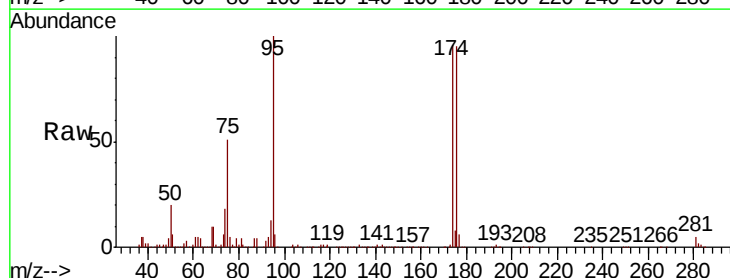
Tgt Ion: 95 Resp: 627412

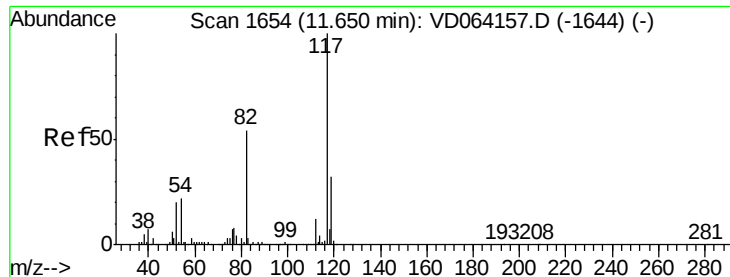
Ion Ratio Lower Upper

95 100

174 95.0 0.0 183.6

176 92.5 0.0 180.2

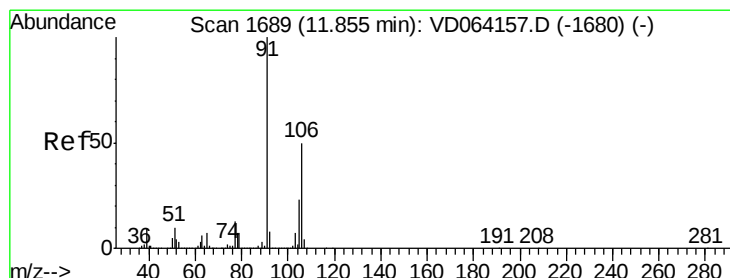
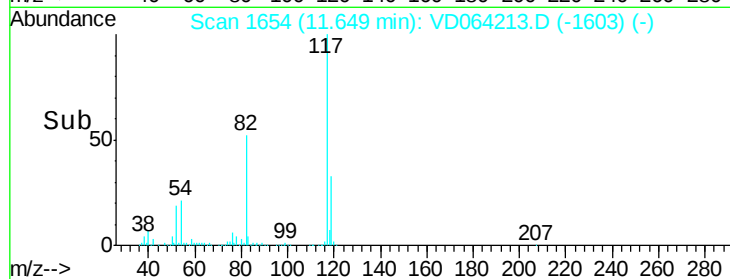
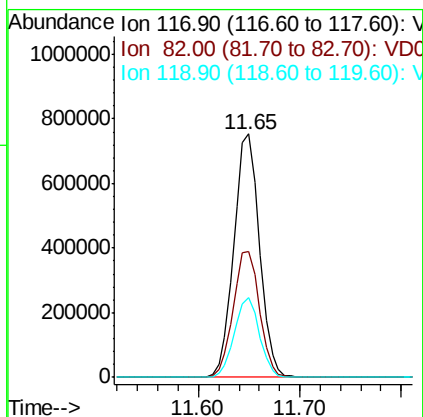
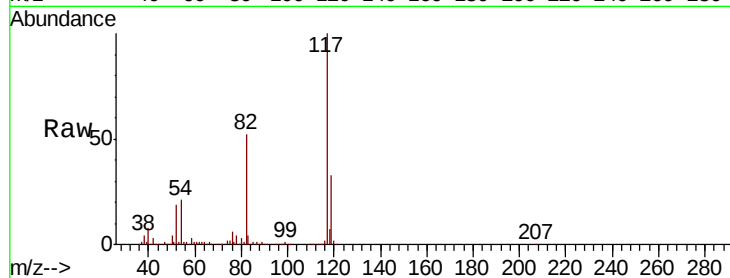




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

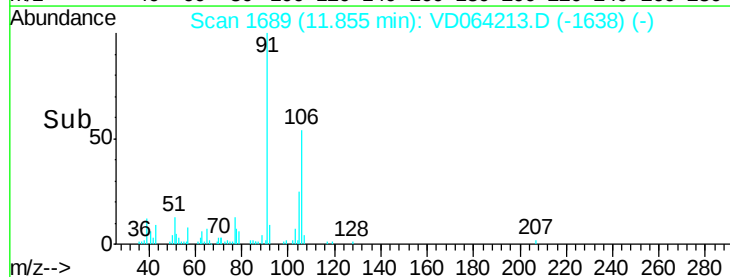
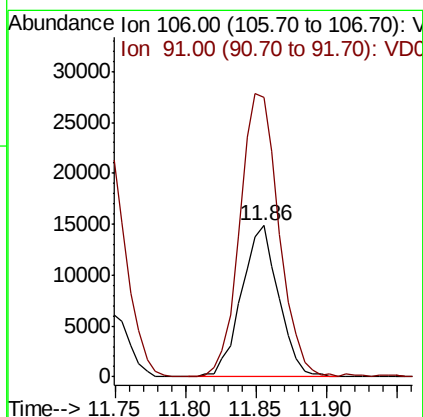
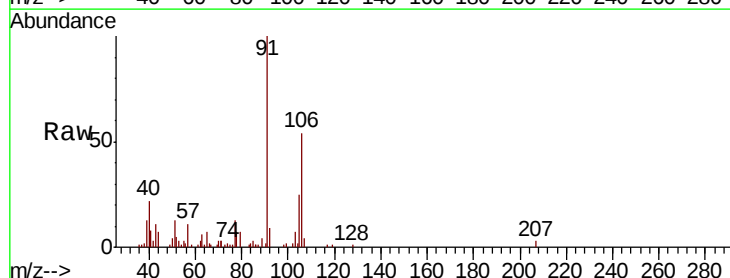
Instrument :
MSVOA_D
ClientSampleId :
TP-15-S2

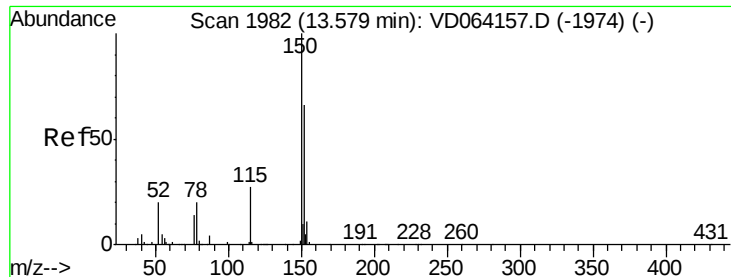
Tot Ion:117 Resp: 1324786
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 1.460 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064213.D
Acq: 14 Nov 2019 14:09

Tgt Ion:106 Resp: 27278
Ion Ratio Lower Upper
106 100
91 197.7 160.3 240.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064213.D

Acq: 14 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

TP-15-S2

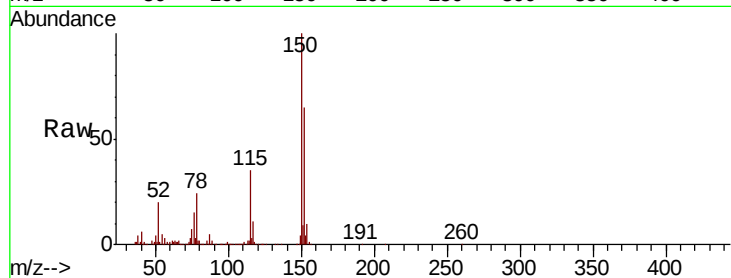
Tot Ion:152 Resp: 709914

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

150 155.7 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

