

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064225.D
 Acq On : 15 Nov 2019 14:09
 Operator : VA/SY
 Sample : K5862-02
 Misc : 5.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13A-S2

Quant Time: Nov 16 05:48:50 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

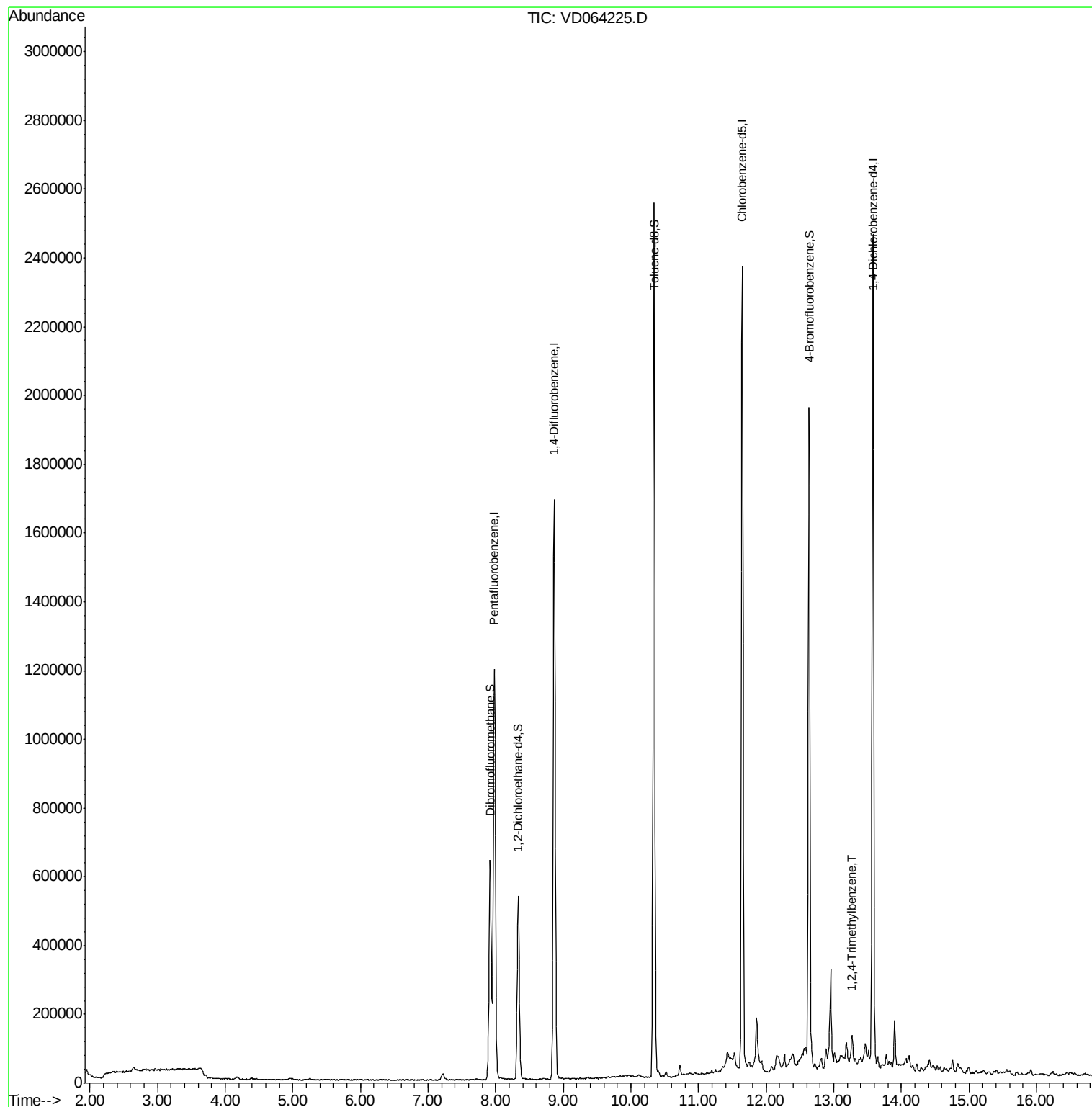
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	969085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1457752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1332845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	663634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	435767	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.92	113	443904	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
50) Toluene-d8	10.34	98	1713718	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.64	95	579179	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	45151	1.143	ug/l	Qvalue 97

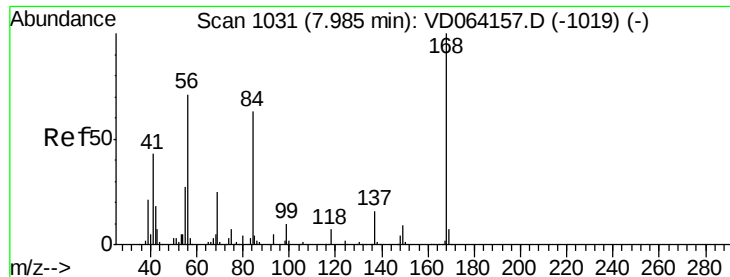
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064225.D

Acq: 15 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

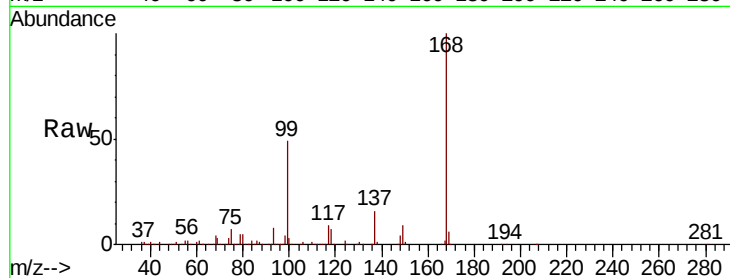
TP-13A-S2

Tot Ion:168 Resp: 969085

Ion Ratio Lower Upper

168 100

99 49.2 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

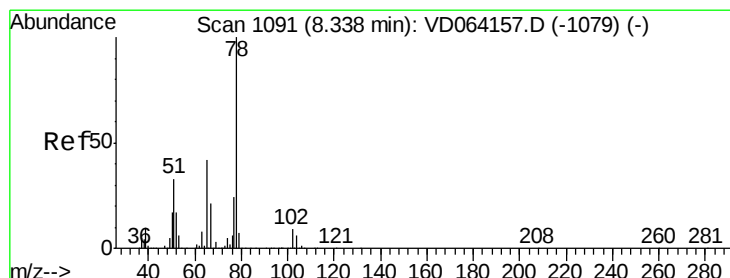
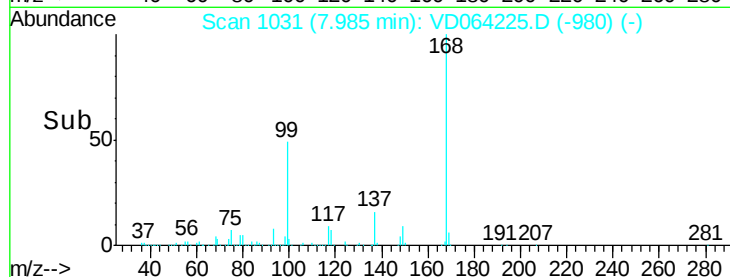
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.675 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064225.D

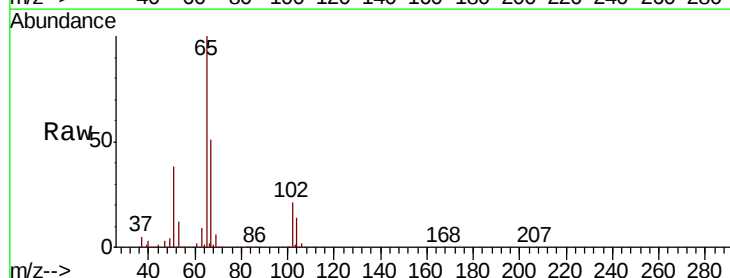
Acq: 15 Nov 2019 14:09

Tgt Ion: 65 Resp: 435767

Ion Ratio Lower Upper

65 100

67 52.1 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

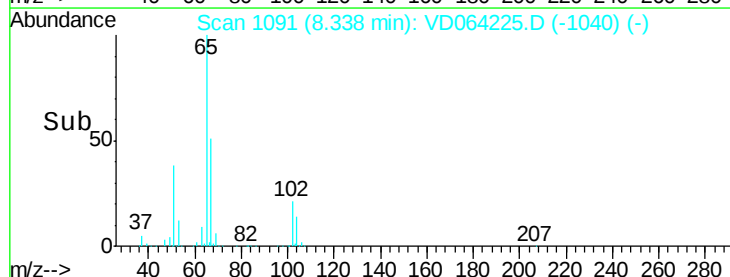
150000

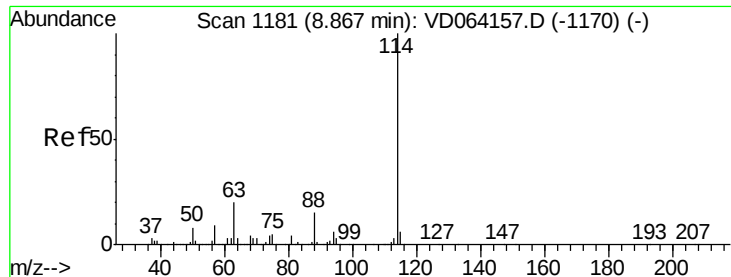
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50000

0

Time-->

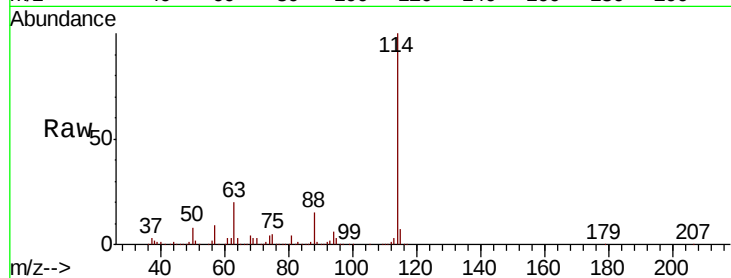




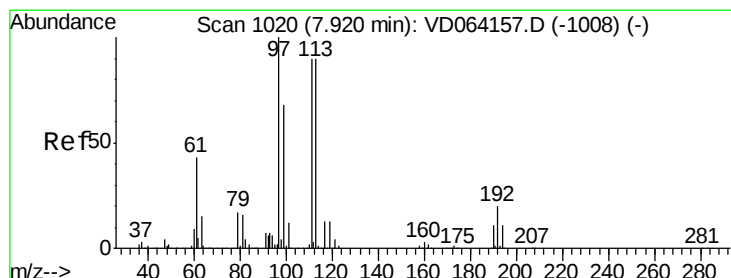
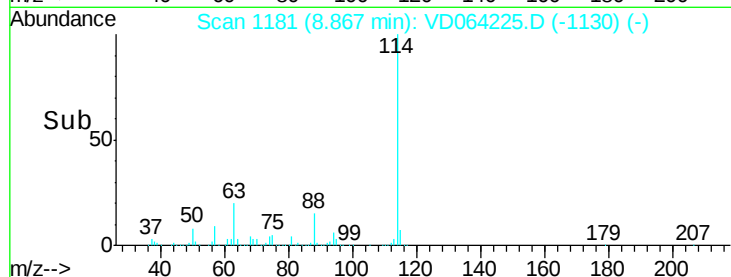
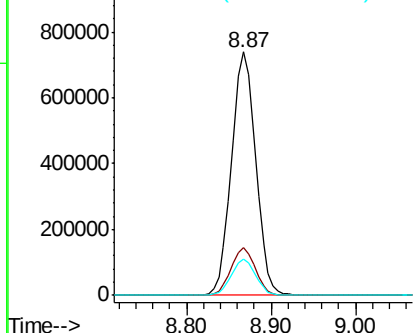
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064225.D
 Acq: 15 Nov 2019 14:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13A-S2

Tot Ion:114 Resp: 1457752
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.9 0.0 30.2

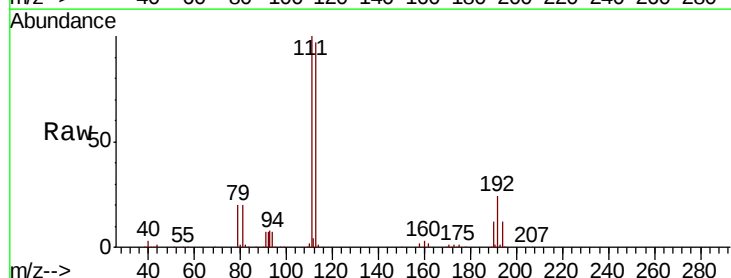


Abundance Ion 113.90 (113.60 to 114.60): V
 1000000 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

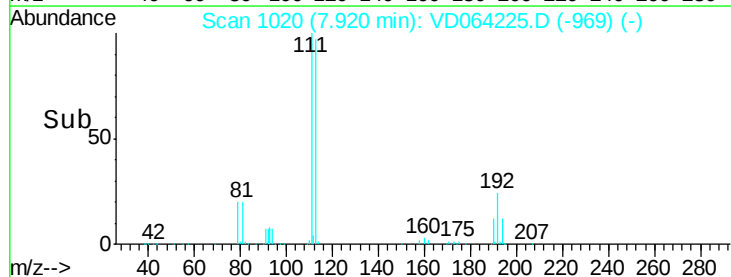
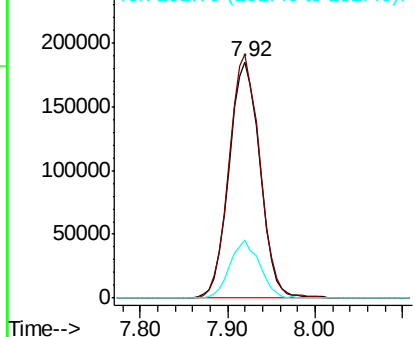


#35
 Dibromofluoromethane
 Concen: 53.049 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064225.D
 Acq: 15 Nov 2019 14:09

Tgt Ion:113 Resp: 443904
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 23.9 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 250000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.289 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064225.D

Acq: 15 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampled :

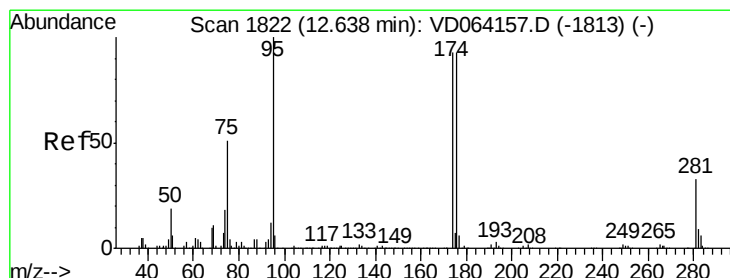
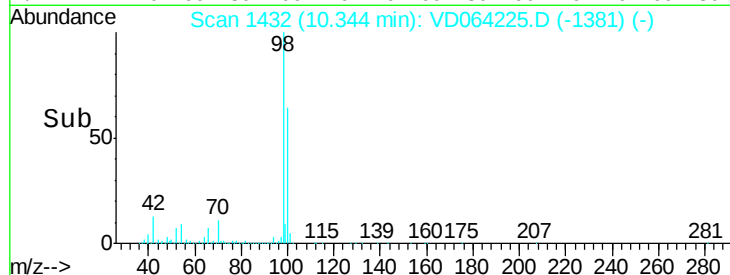
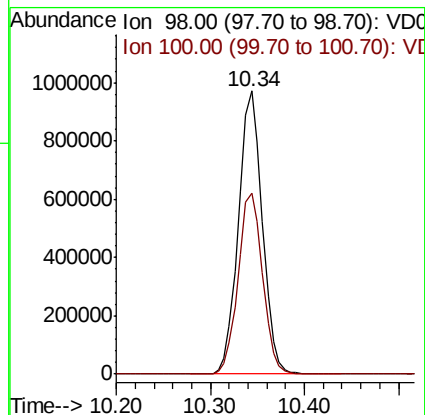
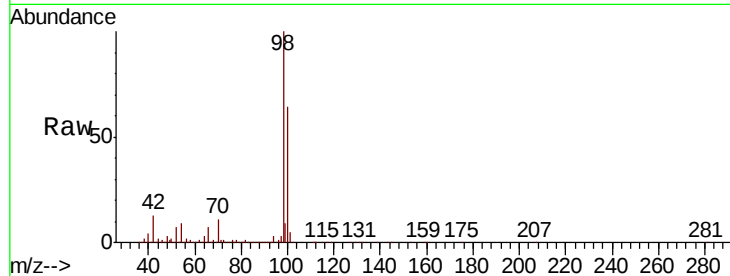
TP-13A-S2

Tot Ion: 98 Resp: 1713718

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.981 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064225.D

Acq: 15 Nov 2019 14:09

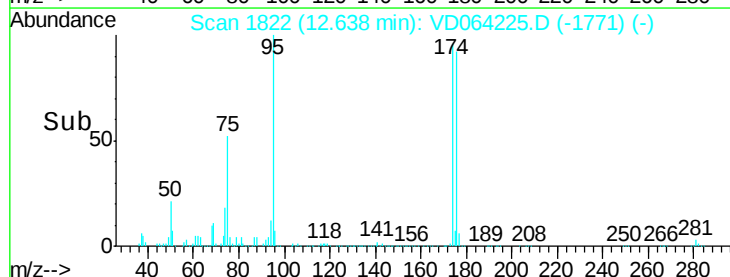
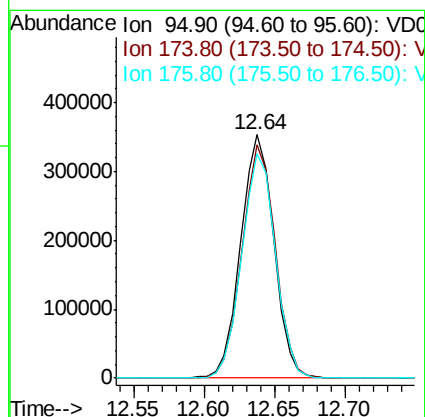
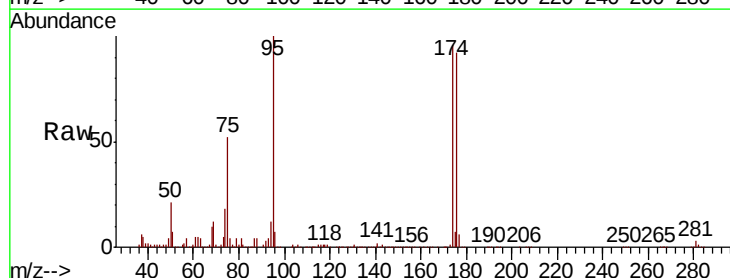
Tgt Ion: 95 Resp: 579179

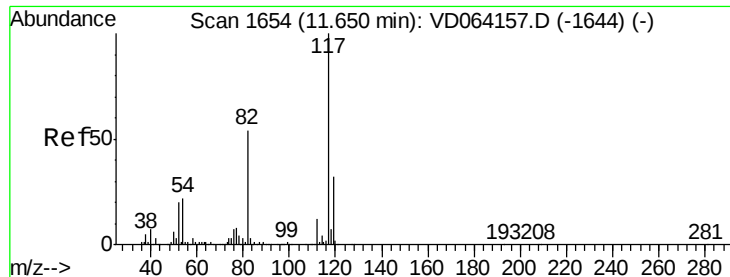
Ion Ratio Lower Upper

95 100

174 97.0 0.0 183.6

176 94.0 0.0 180.2

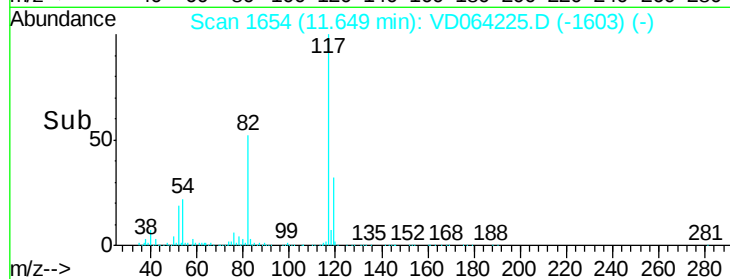
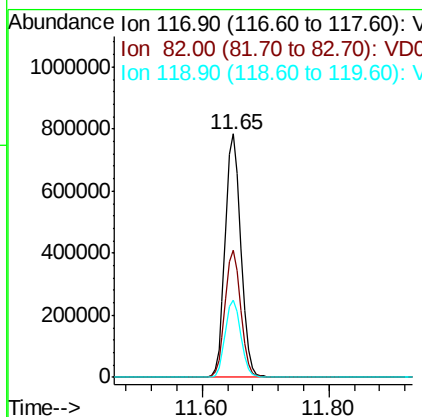
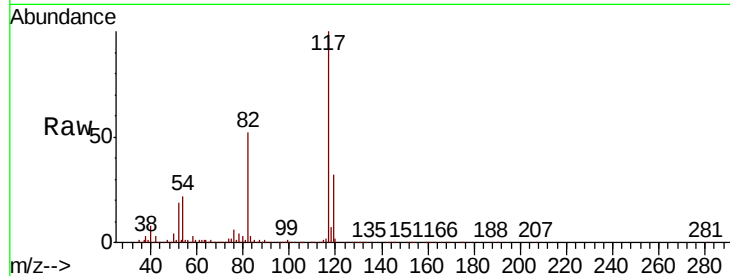




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064225.D
Acq: 15 Nov 2019 14:09

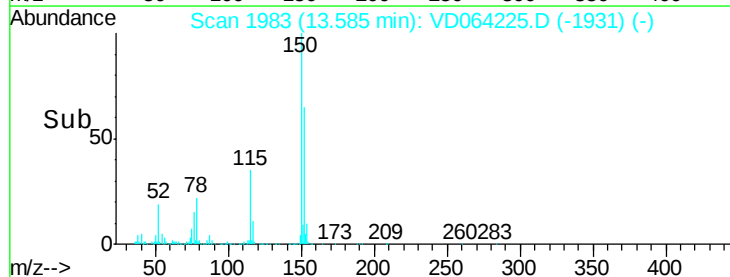
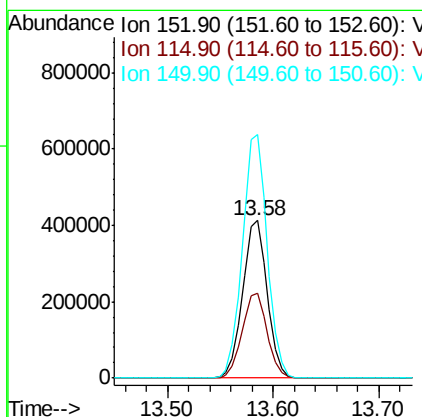
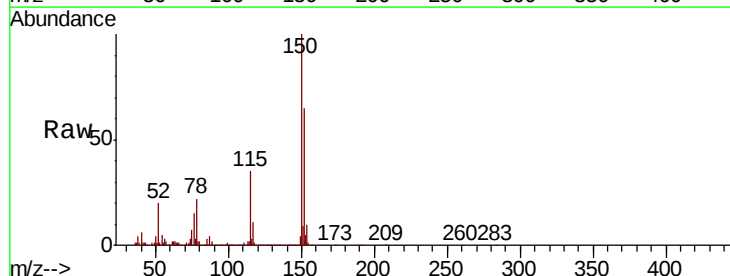
Instrument :
MSVOA_D
ClientSampleId :
TP-13A-S2

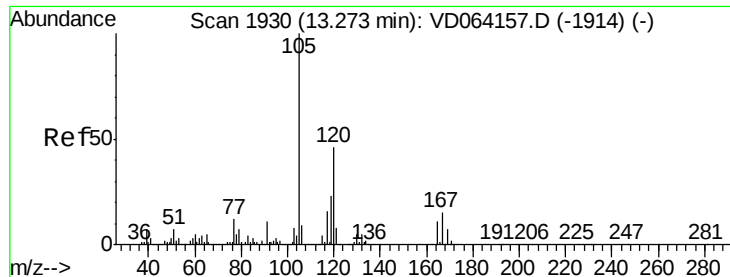
Tot Ion:117 Resp: 1332845
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064225.D
Acq: 15 Nov 2019 14:09

Tgt Ion:152 Resp: 663634
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.2
150 155.8 0.0 351.6





#84

1,2,4-Trimethylbenzene

Concen: 1.143 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064225.D

Acq: 15 Nov 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

TP-13A-S2

Tot Ion:105 Resp: 45151

Ion Ratio Lower Upper

105 100

120 44.7 23.3 69.8

