

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064345.D
 Acq On : 22 Nov 2019 14:07
 Operator : VA/SY
 Sample : K5977-08
 Misc : 5.45G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-112119-4-5-GRAB-B5

Quant Time: Nov 23 02:15:34 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	853690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1235254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1087216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	513964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	353204	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.92	113	369885	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.34	98	1445551	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.64	95	464876	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

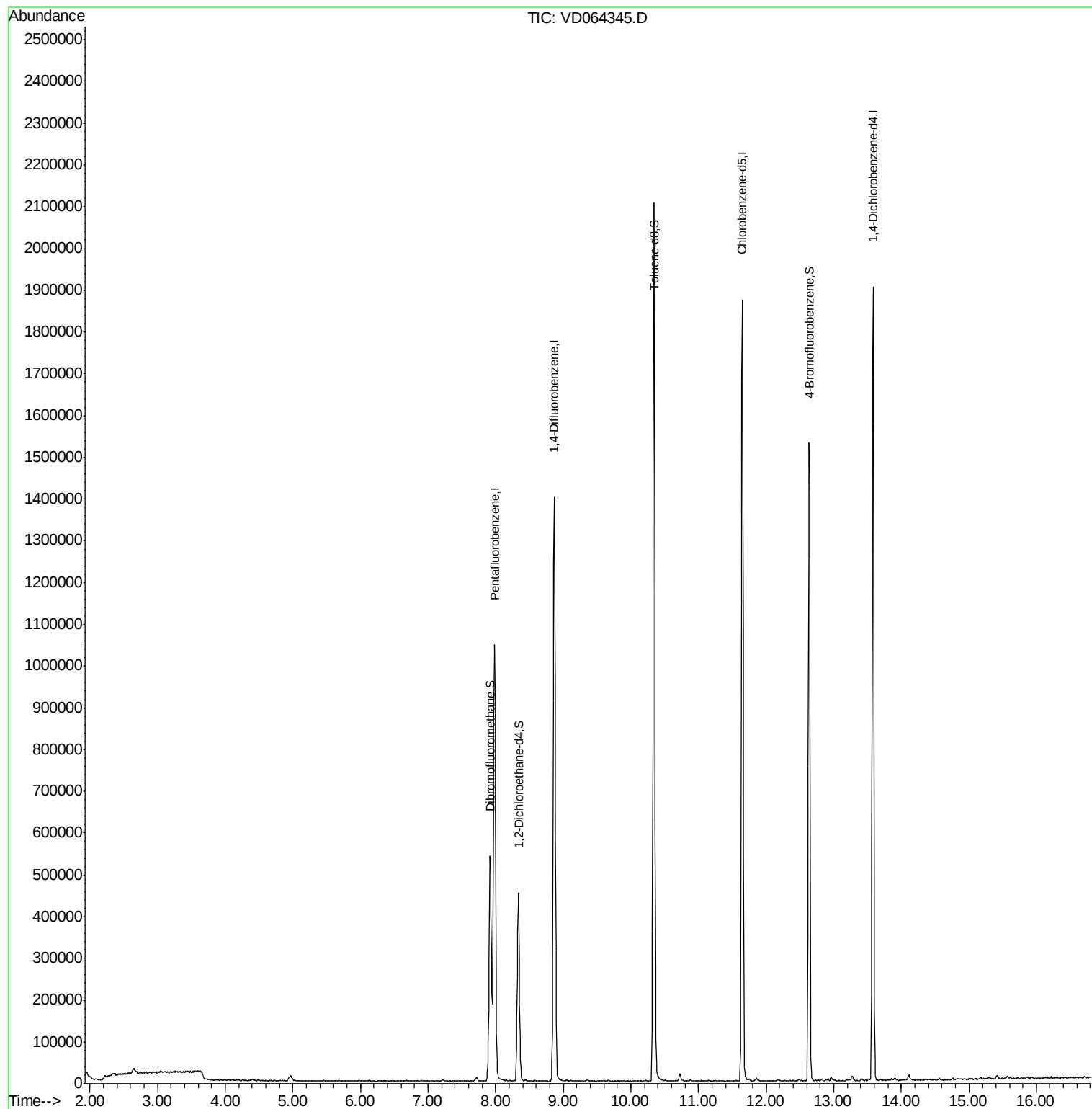
Target Compounds	Qvalue

(#) = 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: VD064345.D

Acq: 22 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

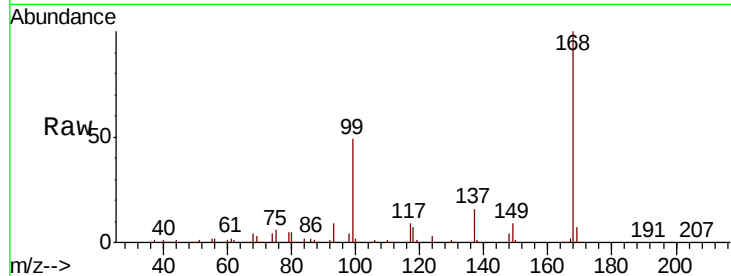
WS-112119-4-5-GRAB-B5

Tot Ion:168 Resp: 853690

Ion Ratio Lower Upper

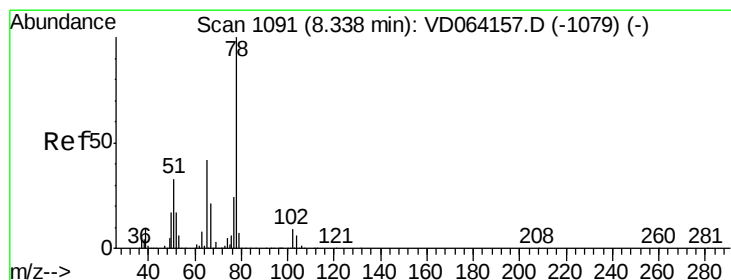
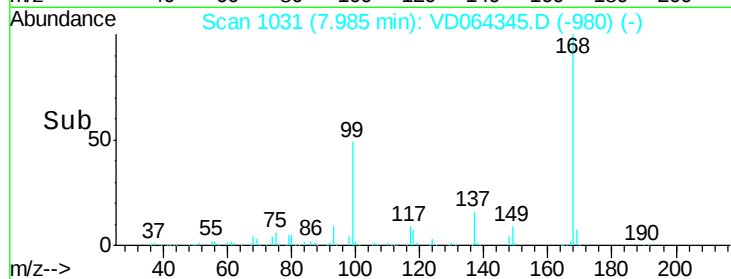
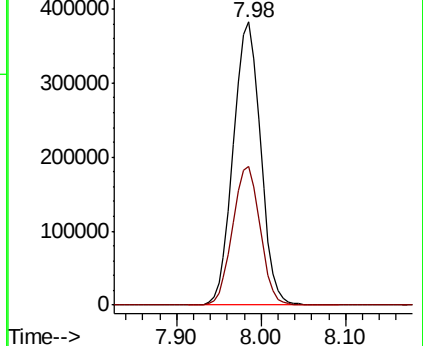
168 100

99 49.1 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: 50.306 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064345.D

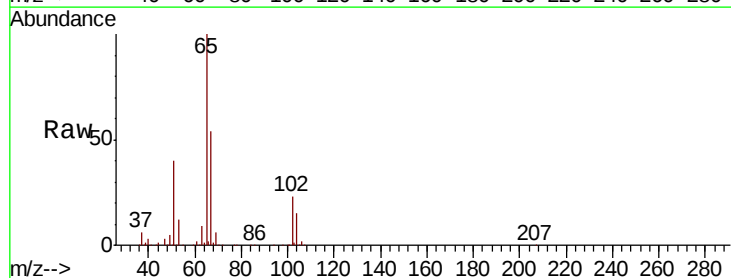
Acq: 22 Nov 2019 14:07

Tgt Ion: 65 Resp: 353204

Ion Ratio Lower Upper

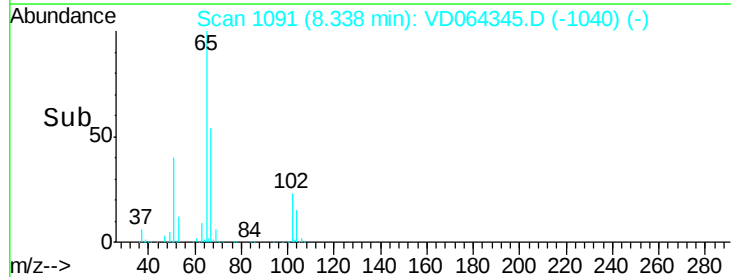
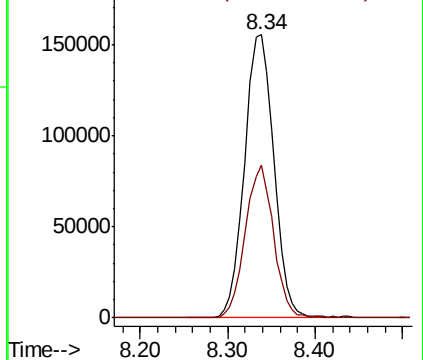
65 100

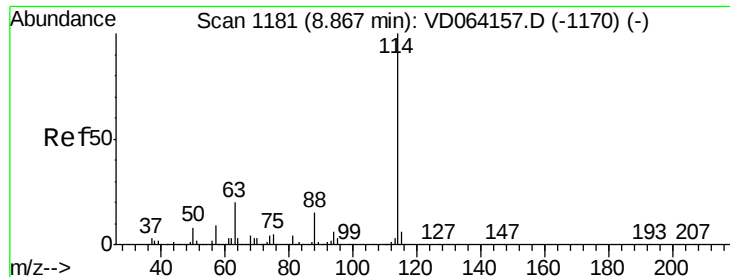
67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

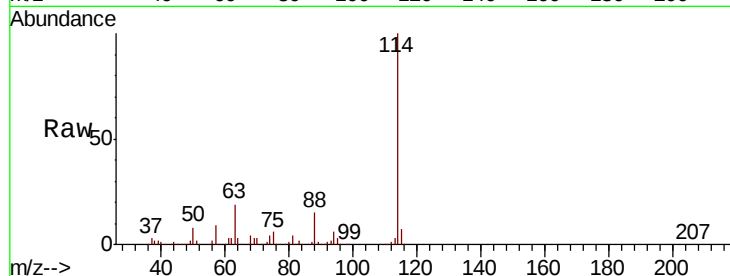




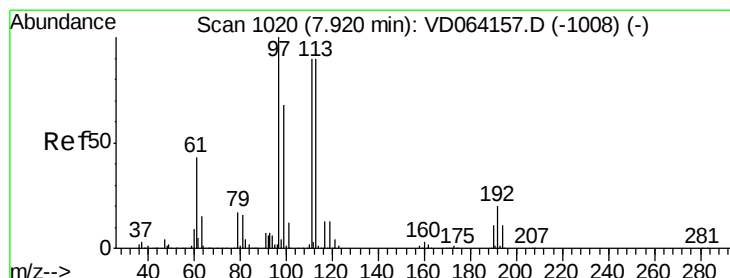
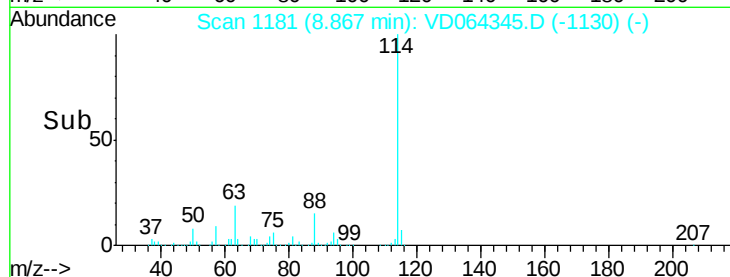
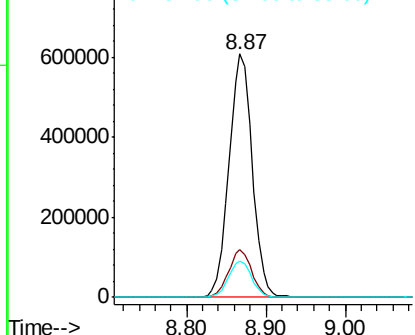
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064345.D
 Acq: 22 Nov 2019 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-112119-4-5-GRAB-B5

Tot Ion:114 Resp: 1235254
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 30.2

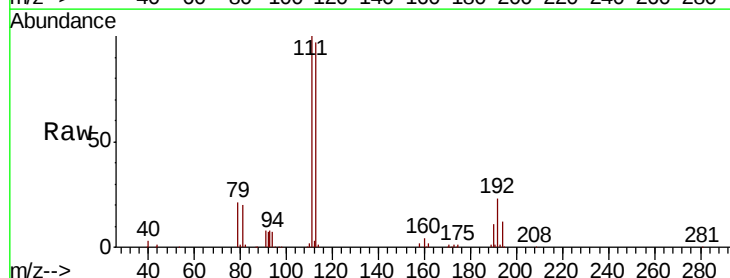


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

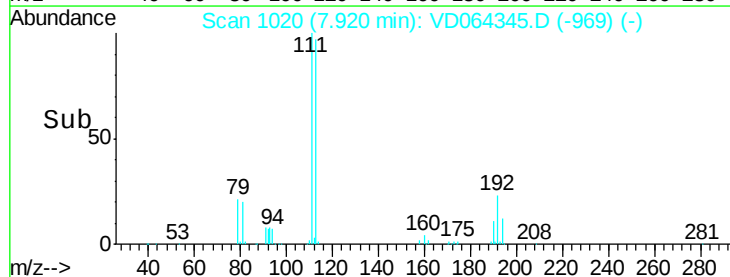
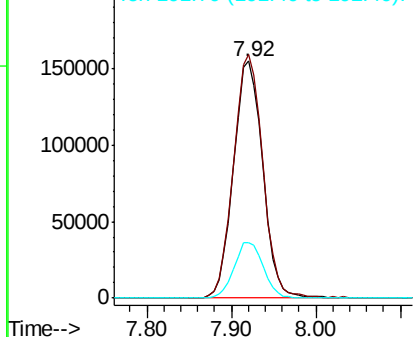


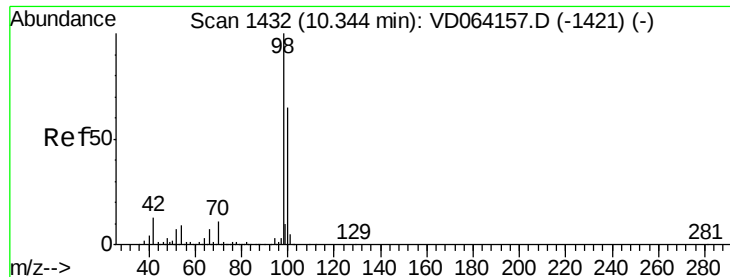
#35
 Dibromofluoromethane
 Concen: 52.166 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064345.D
 Acq: 22 Nov 2019 14:07

Tgt Ion:113 Resp: 369885
 Ion Ratio Lower Upper
 113 100
 111 102.5 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





#50

Toluene-d8

Concen: 54.042 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064345.D

Acq: 22 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

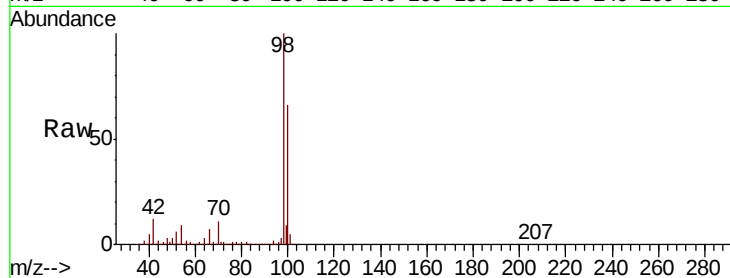
WS-112119-4-5-GRAB-B5

Tot Ion: 98 Resp: 1445551

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD064157.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD064157.D (-1421) (-)

10.34

800000

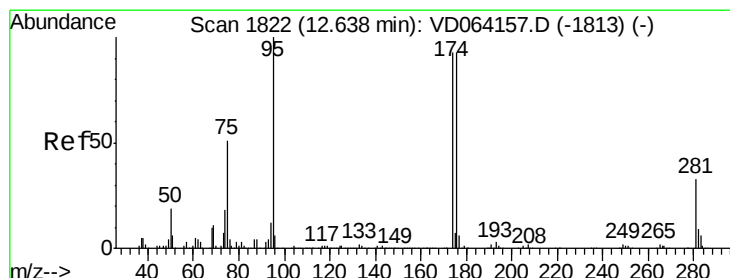
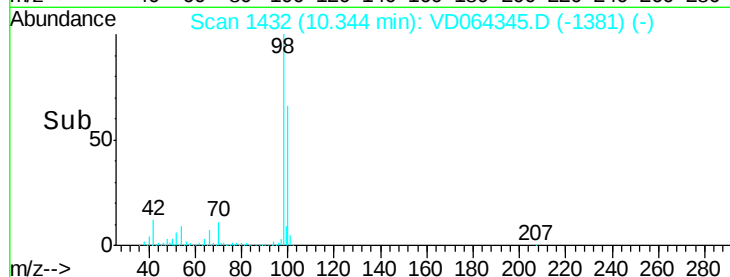
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.185 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064345.D

Acq: 22 Nov 2019 14:07

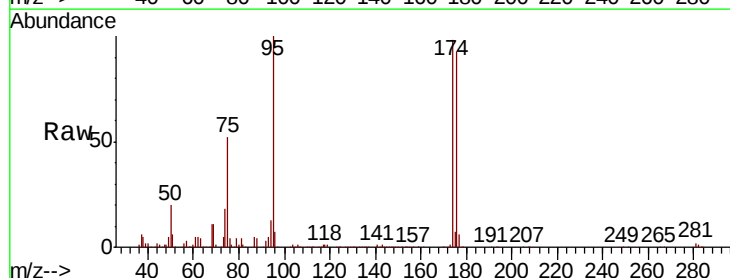
Tgt Ion: 95 Resp: 464876

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.6

176 94.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VD064157.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064157.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064157.D (-1813) (-)

12.64

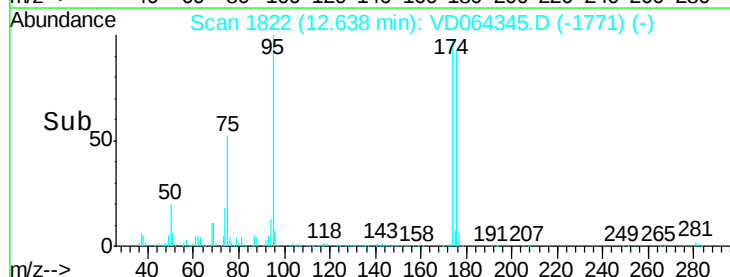
300000

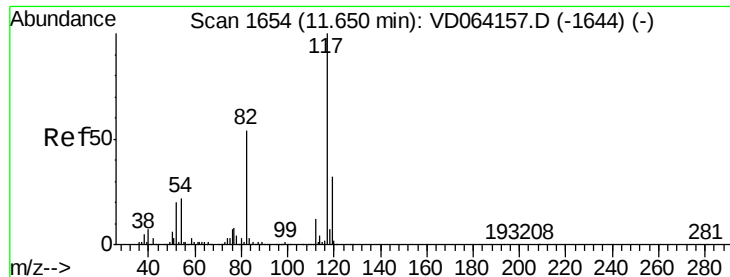
200000

100000

0

Time--> 12.60 12.70

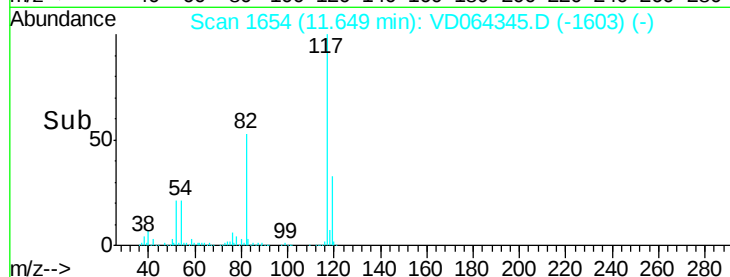
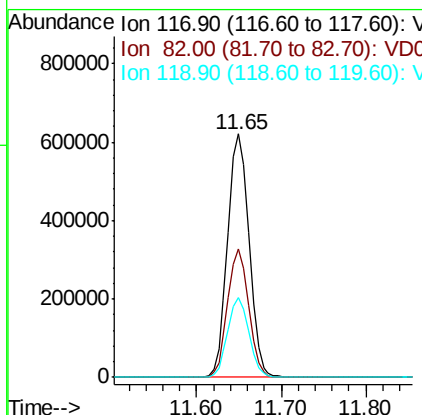
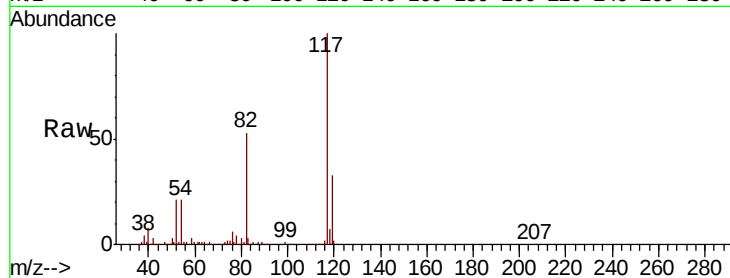




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064345.D
Acq: 22 Nov 2019 14:07

Instrument :
MSVOA_D
ClientSampleId :
WS-112119-4-5-GRAB-B5

Tot Ion:117 Resp: 1087216
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.7 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: VD064345.D
Acq: 22 Nov 2019 14:07

Tgt Ion:152 Resp: 513964
Ion Ratio Lower Upper
152 100
115 54.2 27.4 82.2
150 158.1 0.0 351.6

