

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064436.D
 Acq On : 05 Dec 2019 15:07
 Operator : VA/SY
 Sample : K6147-09
 Misc : 4.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC009

Quant Time: Dec 06 06:29:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	625264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	965711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	862403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	385649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	260950	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.92	113	290615	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.34	98	1154092	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.64	95	356511	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

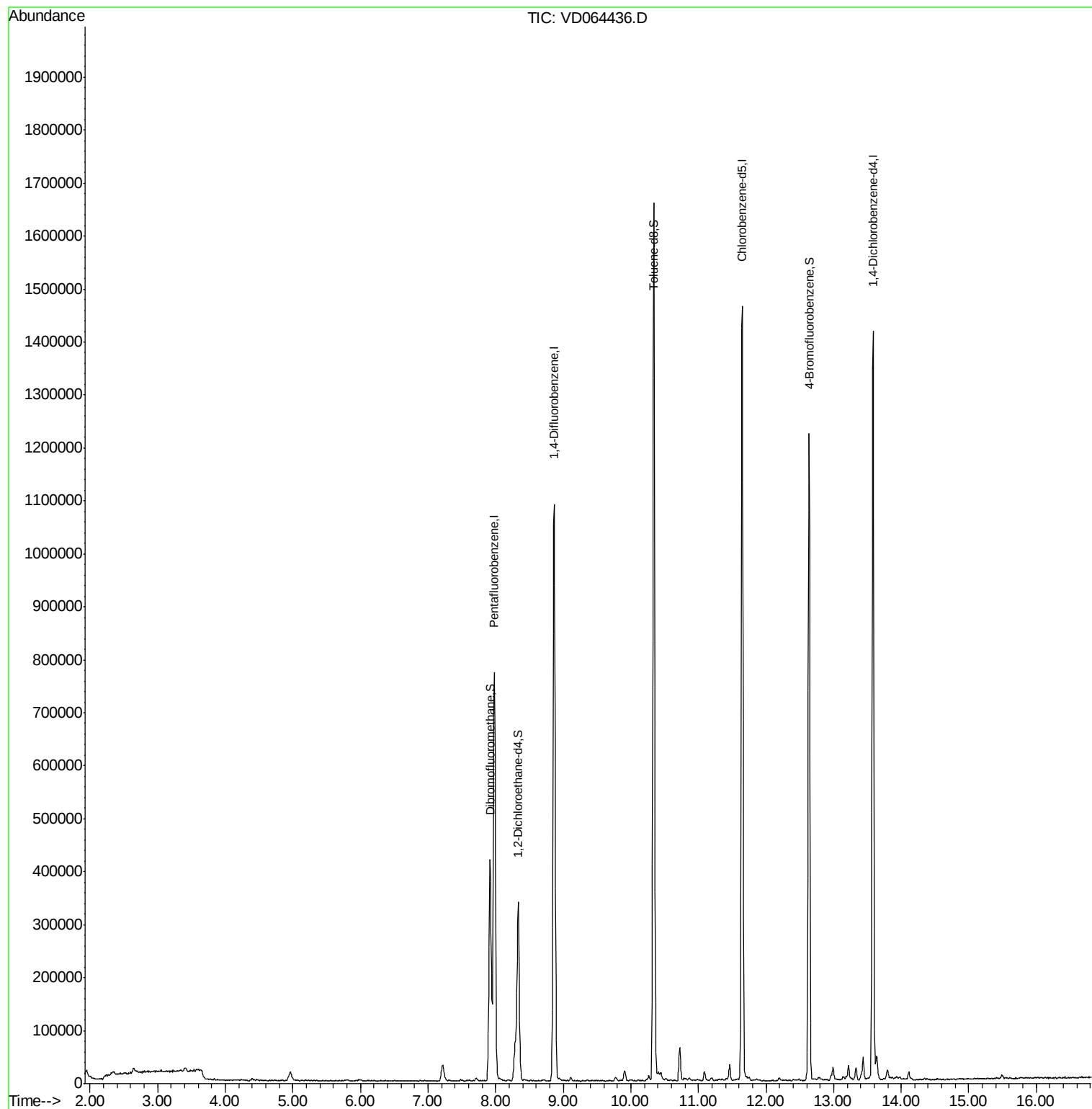
Target Compounds	Qvalue

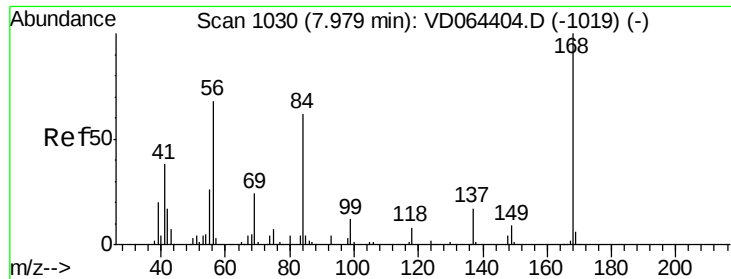
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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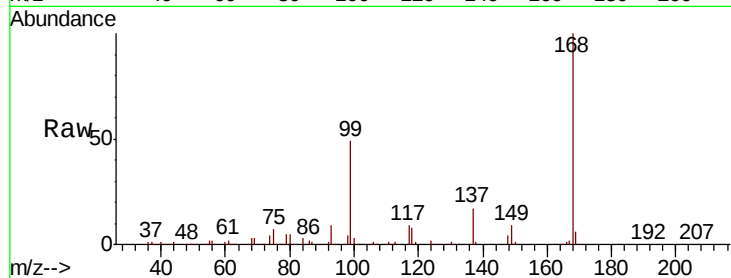




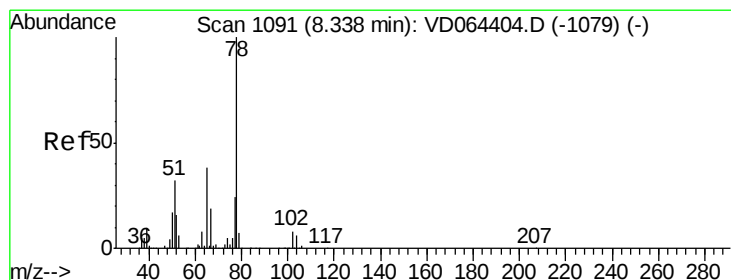
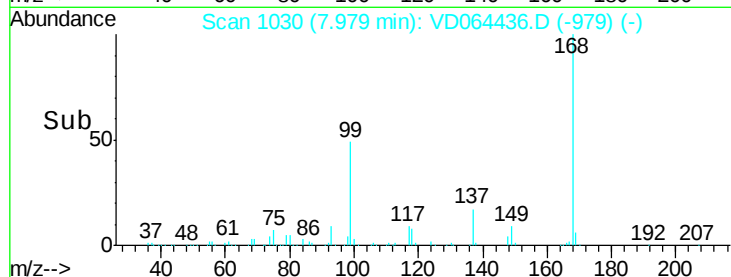
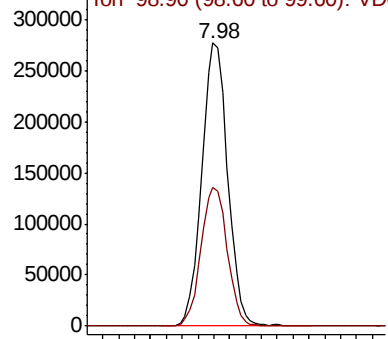
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD064436.D
Acq: 05 Dec 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :
P001-WC009

Tot Ion:168 Resp: 625264
Ion Ratio Lower Upper
168 100
99 48.9 40.7 61.1

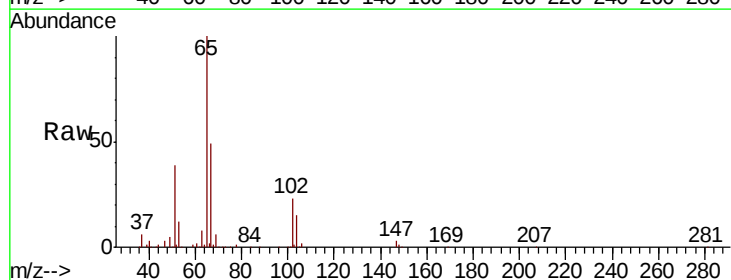


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): V

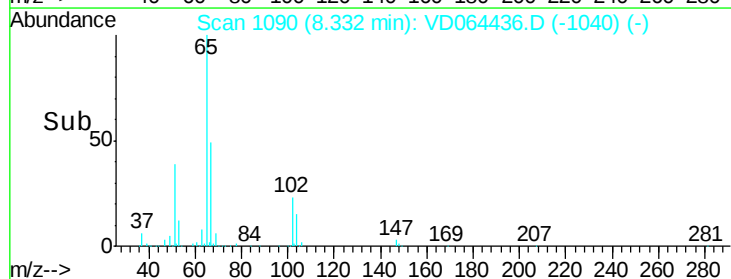
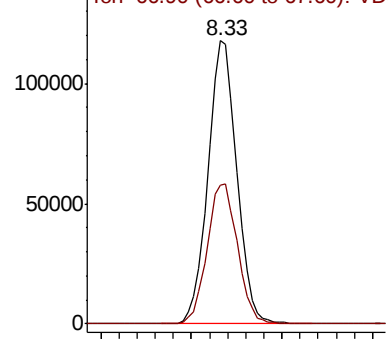


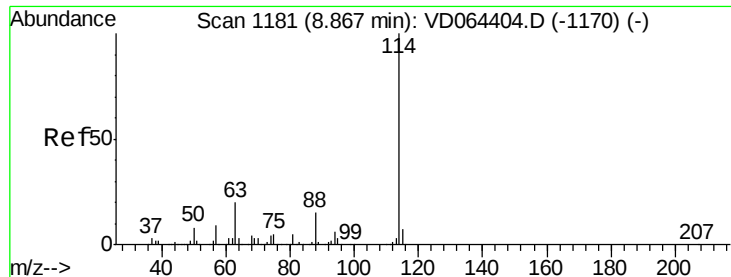
#33
1,2-Dichloroethane-d4
Concen: 46.108 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064436.D
Acq: 05 Dec 2019 15:07

Tgt Ion: 65 Resp: 260950
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): V
Ion 66.90 (66.60 to 67.60): V

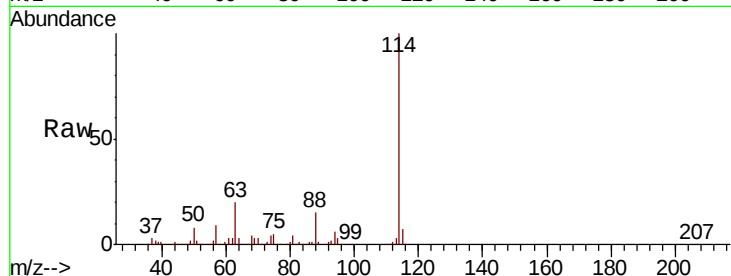




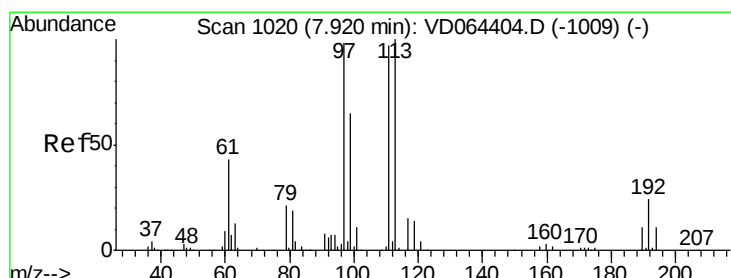
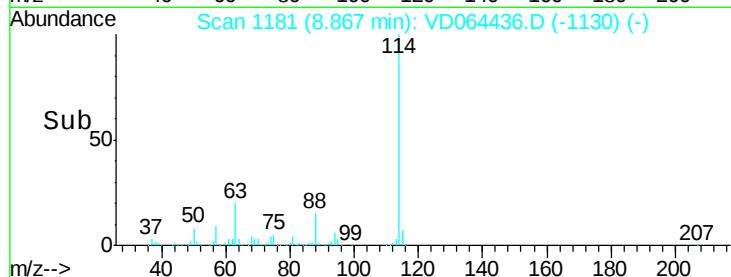
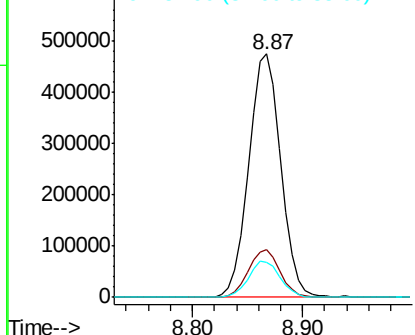
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064436.D
 Acq: 05 Dec 2019 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC009

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	14.6	0.0	29.2

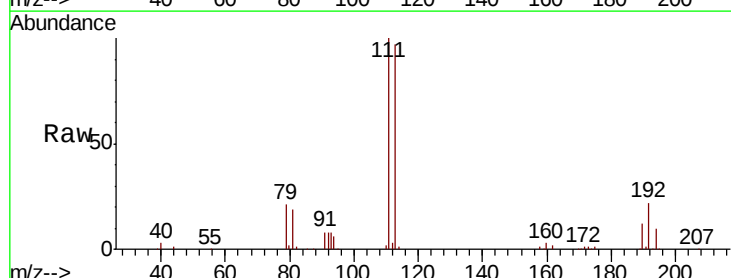


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

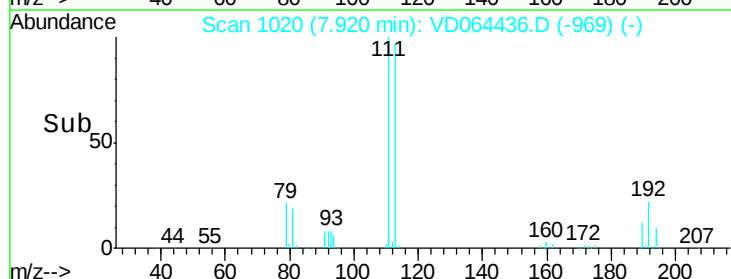
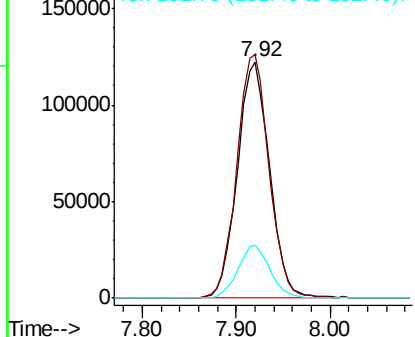


#35
 Dibromofluoromethane
 Concen: 47.763 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064436.D
 Acq: 05 Dec 2019 15:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	79.4	119.2
192	22.4	18.6	28.0



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: 50.354 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064436.D

Acq: 05 Dec 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

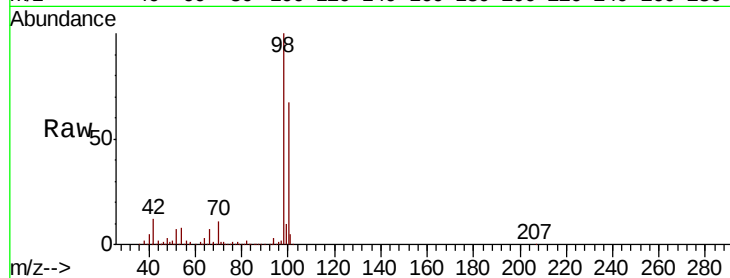
P001-WC009

Tot Ion: 98 Resp: 1154092

Ion Ratio Lower Upper

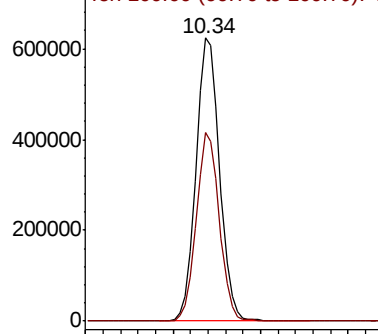
98 100

100 65.0 52.6 79.0

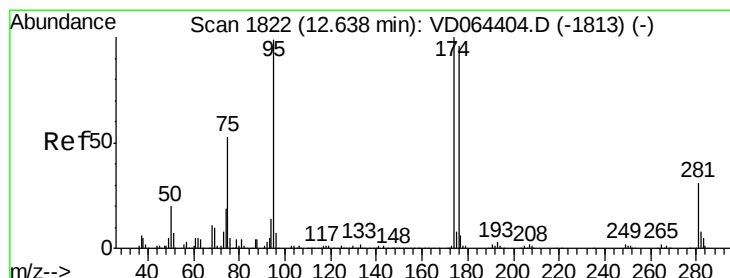
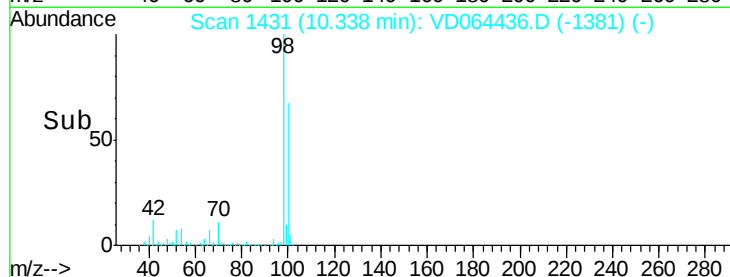


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064436.D

Acq: 05 Dec 2019 15:07

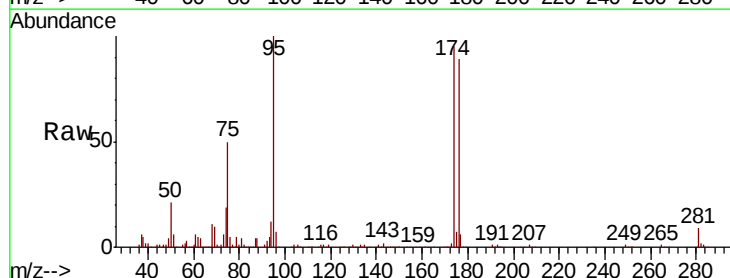
Tgt Ion: 95 Resp: 356511

Ion Ratio Lower Upper

95 100

174 95.2 0.0 197.2

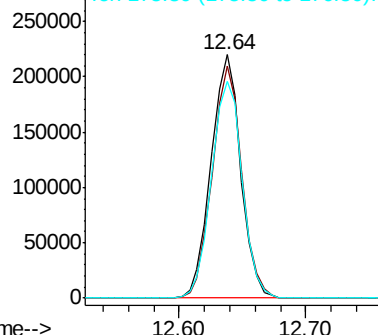
176 92.4 0.0 189.6



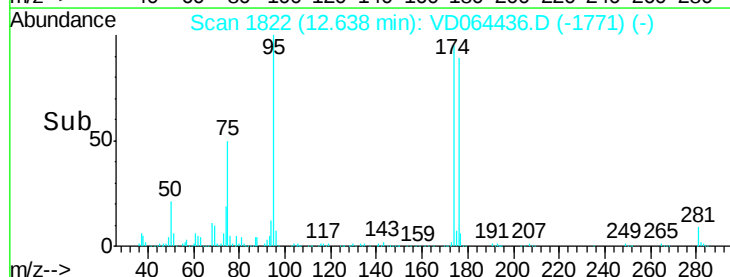
Abundance Ion 94.90 (94.60 to 95.60): VDC

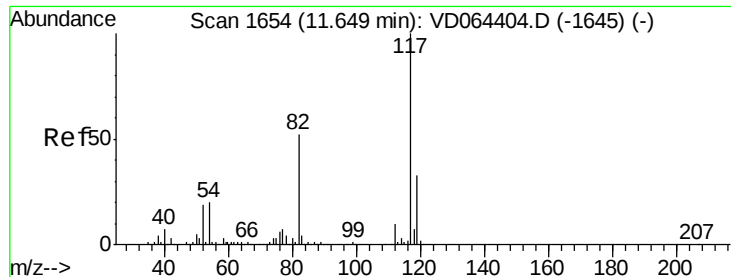
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time--> 12.60 12.70

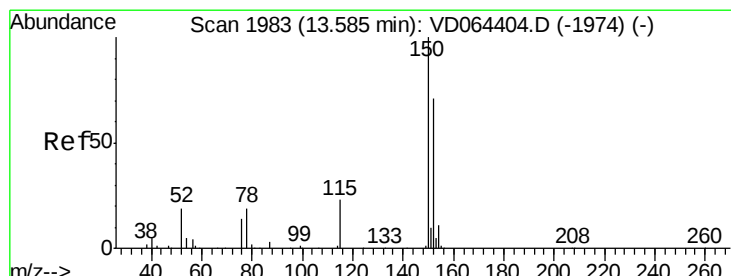
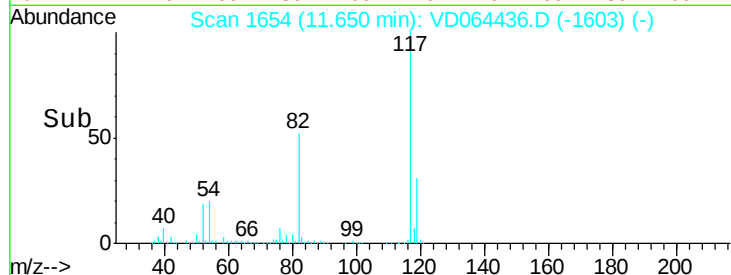
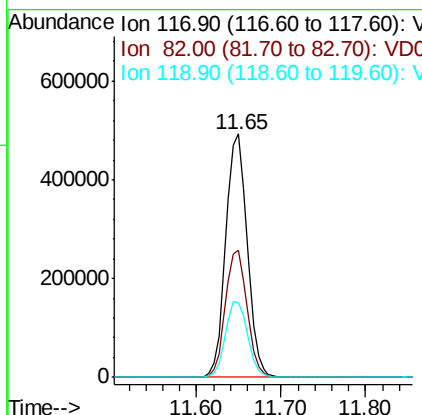
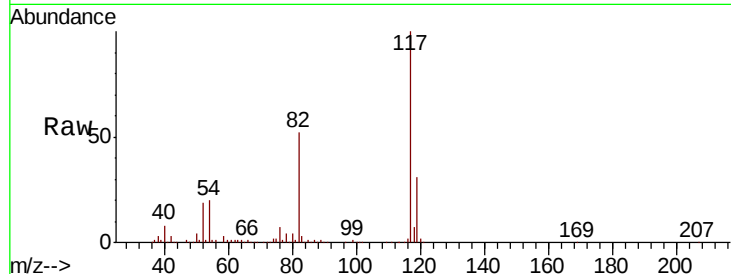




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064436.D
Acq: 05 Dec 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :
P001-WC009

Tot Ion:117 Resp: 862403
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 30.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064436.D
Acq: 05 Dec 2019 15:07

Tgt Ion:152 Resp: 385649
Ion Ratio Lower Upper
152 100
115 54.4 26.7 80.1
150 157.9 0.0 347.2

