

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080047.D
 Acq On : 17 Nov 2024 17:34
 Operator : RP/MD
 Sample : P4833-07
 Misc : 4.33G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC

Quant Time: Nov 18 04:26:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

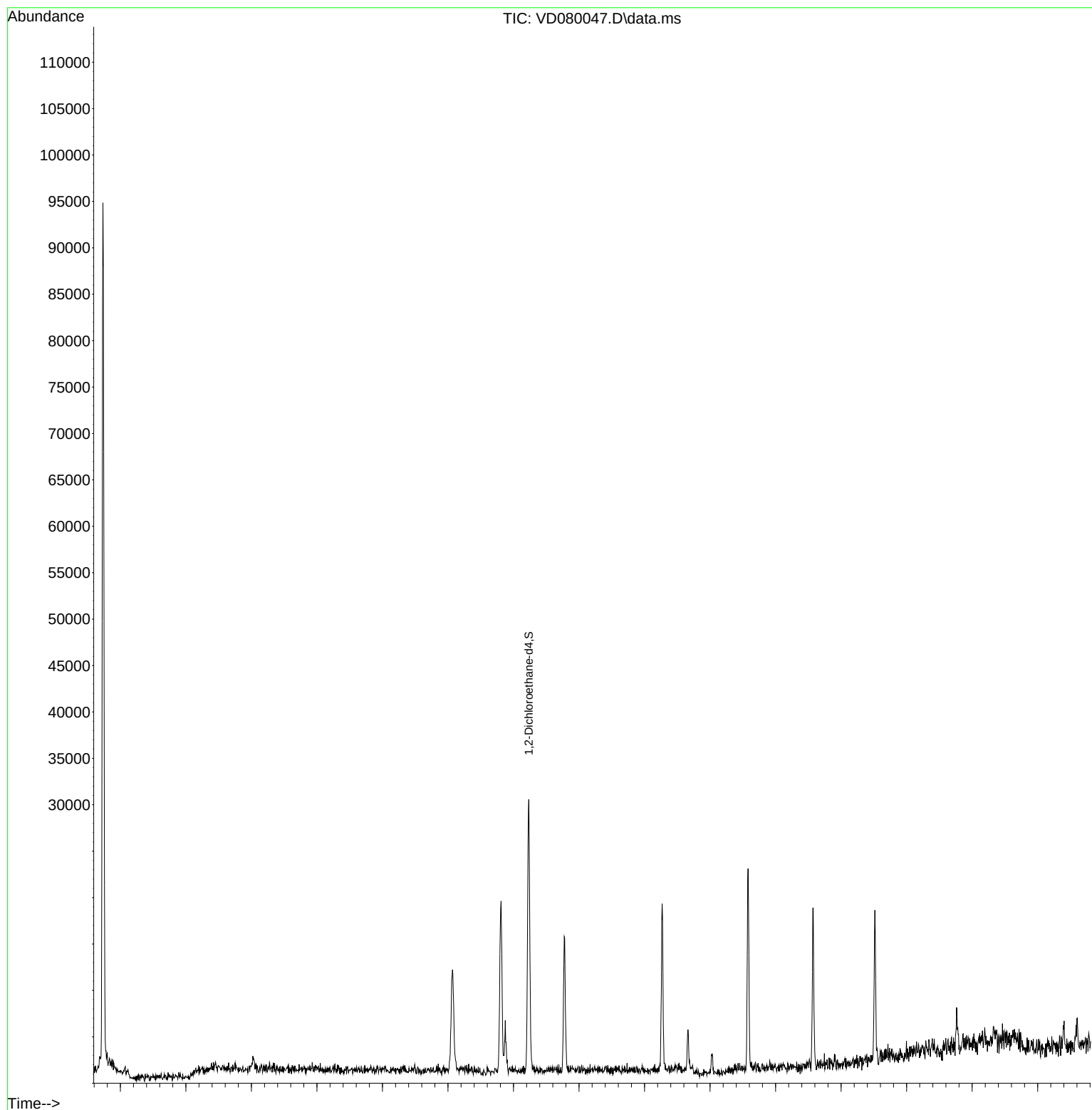
Internal Standards						
1) Pentafluorobenzene	7.875	168	4055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12566	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22943	549.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 1099.060%#	
35) Dibromofluoromethane	7.810	113	13983	163.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 326.500%#	
50) Toluene-d8	10.275	98	12728	39.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.860%	
62) 4-Bromofluorobenzene	12.575	95	5258	49.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.280%	
Target Compounds						Qvalue
16) Acetone	4.022	43	1772	195.615	ug/l	# 24

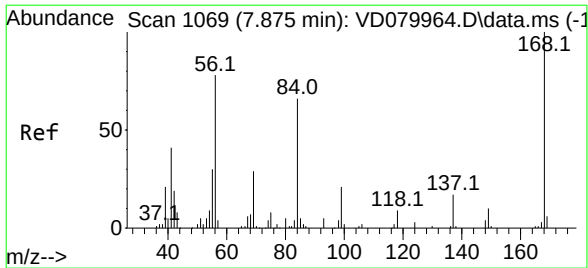
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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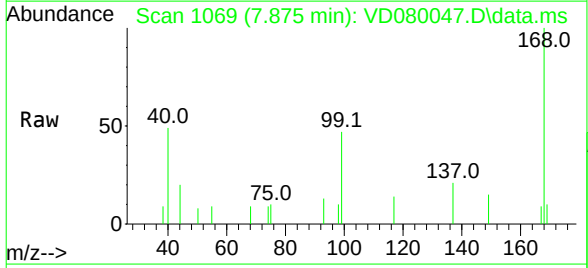
Quant Time: Nov 18 04:26:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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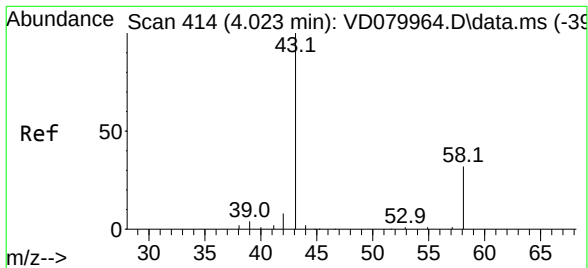
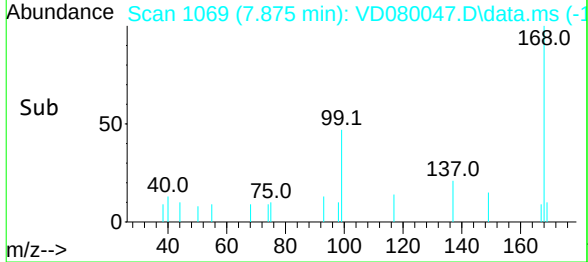
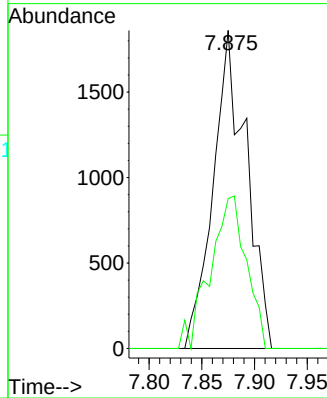


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080047.D
Acq: 17 Nov 2024 17:34

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

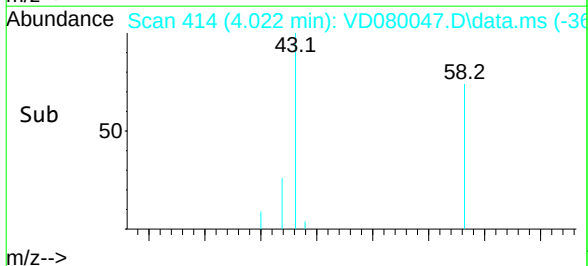
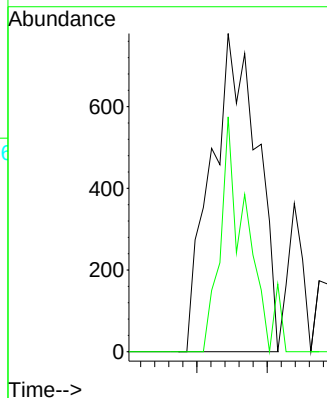
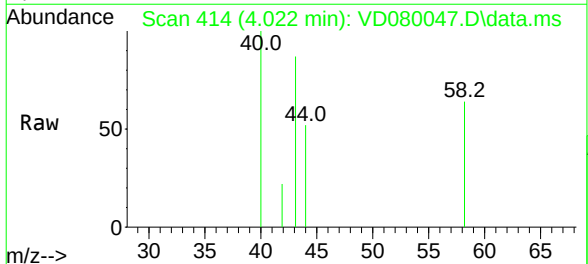


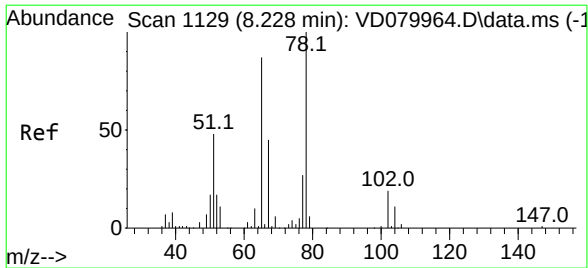
Tgt Ion:168 Resp: 4055
Ion Ratio Lower Upper
168 100
99 47.1 46.0 69.0



#16
Acetone
Concen: 195.615 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080047.D
Acq: 17 Nov 2024 17:34

Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
58 73.8 25.4 38.2#

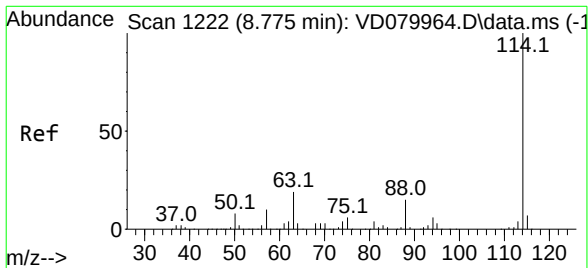
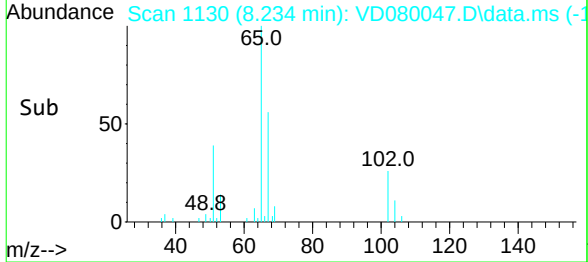
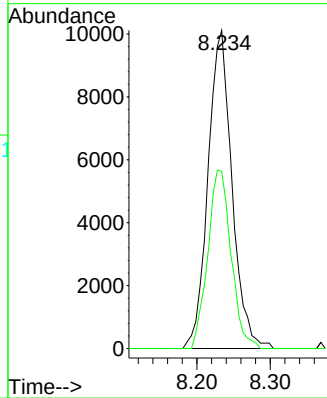
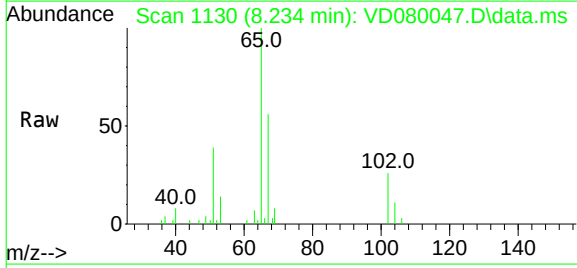




#33
1,2-Dichloroethane-d4
Concen: 549.531 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD080047.D
Acq: 17 Nov 2024 17:34

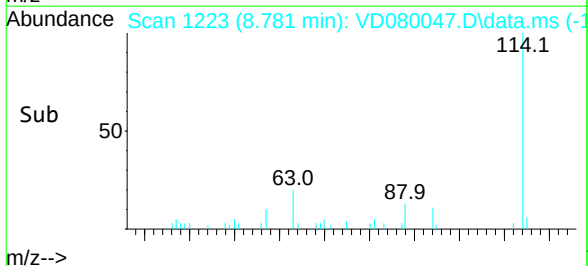
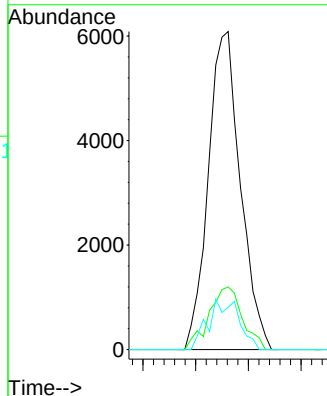
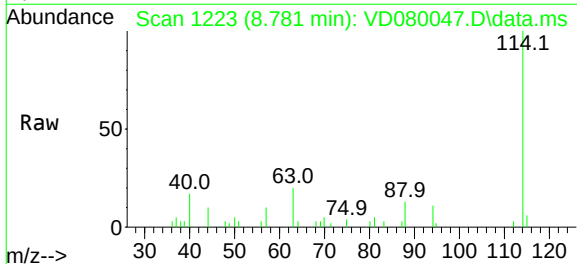
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

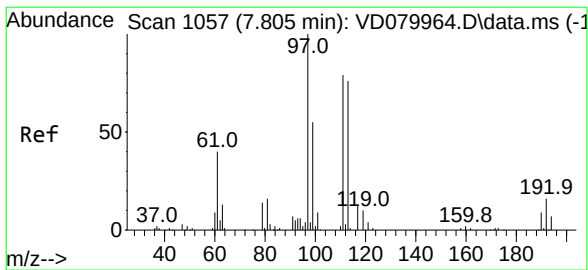
Tgt Ion: 65 Resp: 22943
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD080047.D
Acq: 17 Nov 2024 17:34

Tgt Ion: 114 Resp: 12870
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.8
88 13.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 163.250 ug/l

RT: 7.810 min Scan# 10

Delta R.T. 0.005 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

Instrument :

MSVOA_D

ClientSampleId :

TP-2-VOC

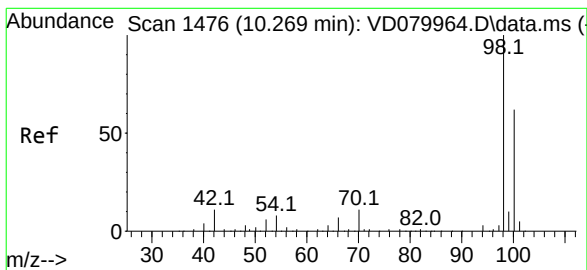
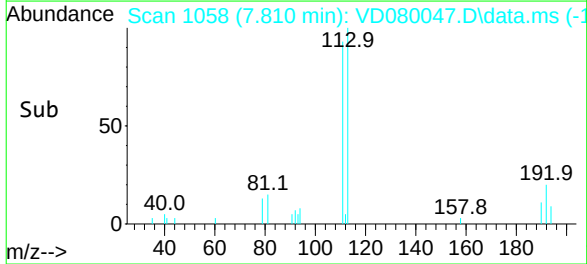
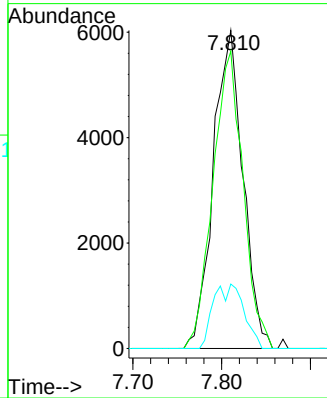
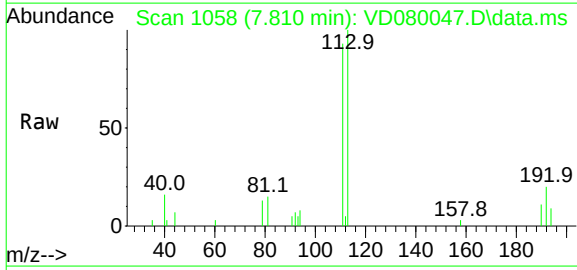
Tgt Ion:113 Resp: 13983

Ion Ratio Lower Upper

113 100

111 95.3 82.5 123.7

192 9.9 16.6 25.0#



#50

Toluene-d8

Concen: 39.426 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD080047.D

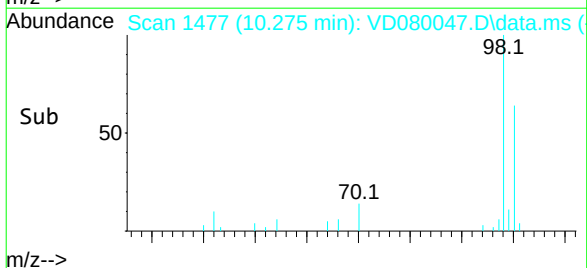
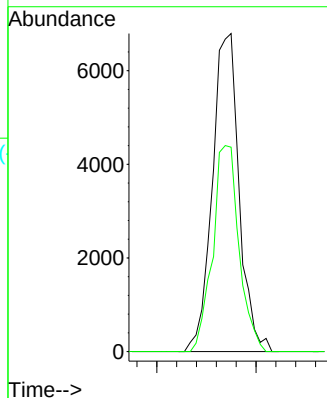
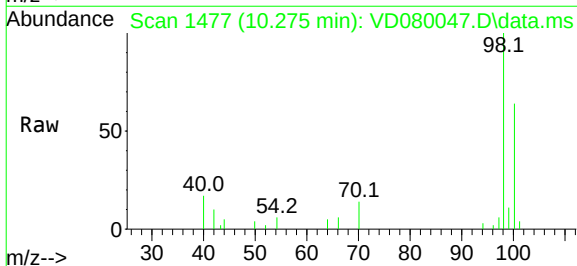
Acq: 17 Nov 2024 17:34

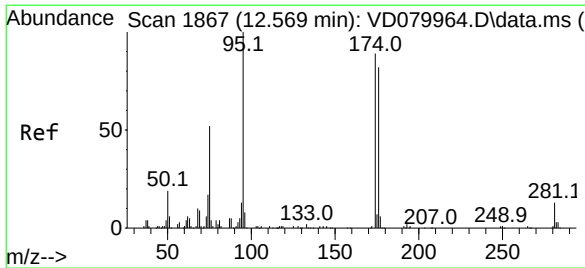
Tgt Ion: 98 Resp: 12728

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.4





#62

4-Bromofluorobenzene

Concen: 49.643 ug/l

RT: 12.575 min Scan# 18

Delta R.T. 0.006 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

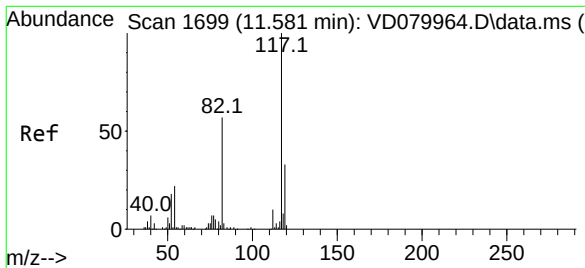
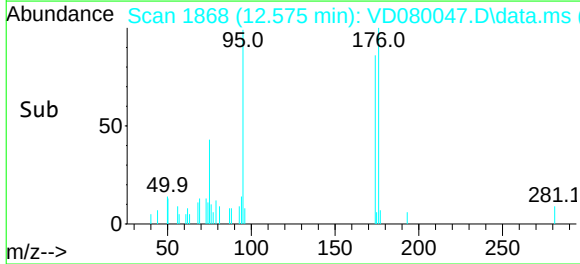
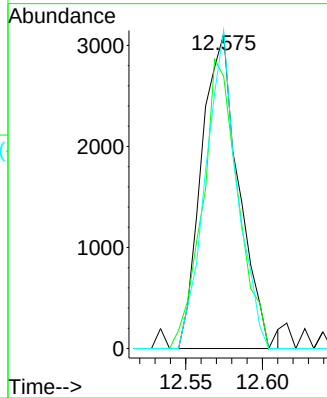
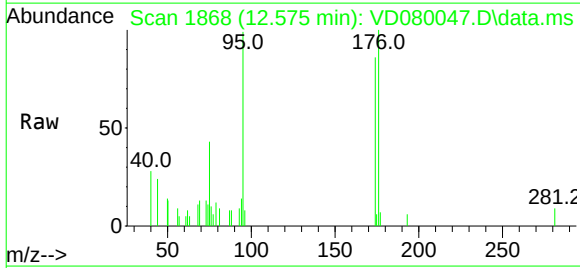
Instrument :

MSVOA_D

ClientSampleId :

TP-2-VOC

Tgt Ion: 95	Resp: 5258
Ion Ratio	Lower Upper
95 100	
174 87.7	0.0 173.4
176 86.1	0.0 166.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

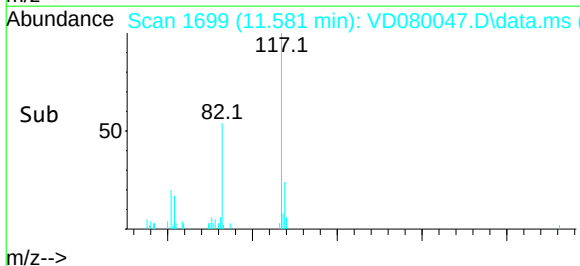
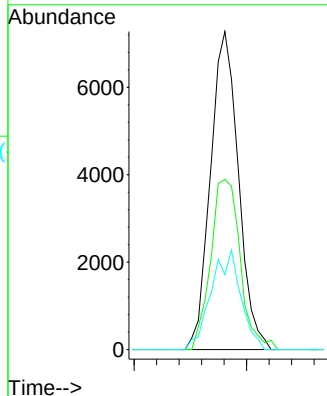
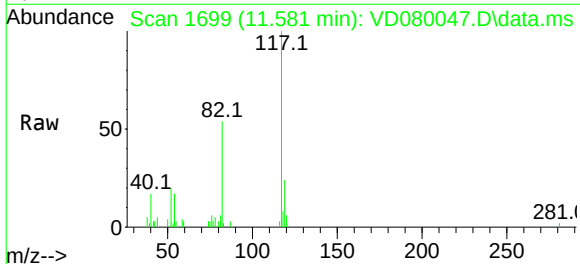
RT: 11.581 min Scan# 1699

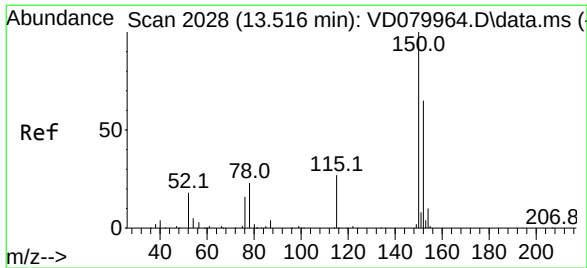
Delta R.T. -0.000 min

Lab File: VD080047.D

Acq: 17 Nov 2024 17:34

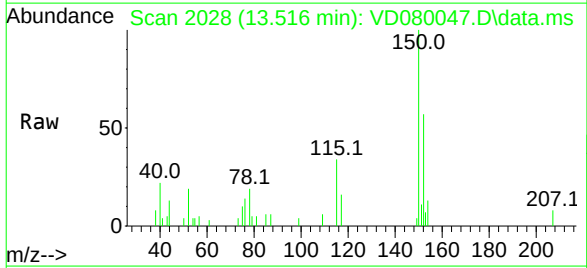
Tgt Ion: 117	Resp: 12566
Ion Ratio	Lower Upper
117 100	
82 53.5	45.8 68.6
119 23.6	26.2 39.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD080047.D
 Acq: 17 Nov 2024 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC



Tgt Ion:	152	Resp:	4240
Ion	Ratio	Lower	Upper
152	100		
115	63.5	28.9	86.8
150	180.1	0.0	354.8

