

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076426.D
 Acq On : 14 Jun 2023 19:04
 Operator : KP/SY
 Sample : 03222-18
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-06-GRAB-7

Quant Time: Jun 15 05:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	16542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32465	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17678	92.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.040%#	
35) Dibromofluoromethane	7.805	113	12997	59.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.400%	
50) Toluene-d8	10.269	98	40993	49.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.575	95	14255	50.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.740%	

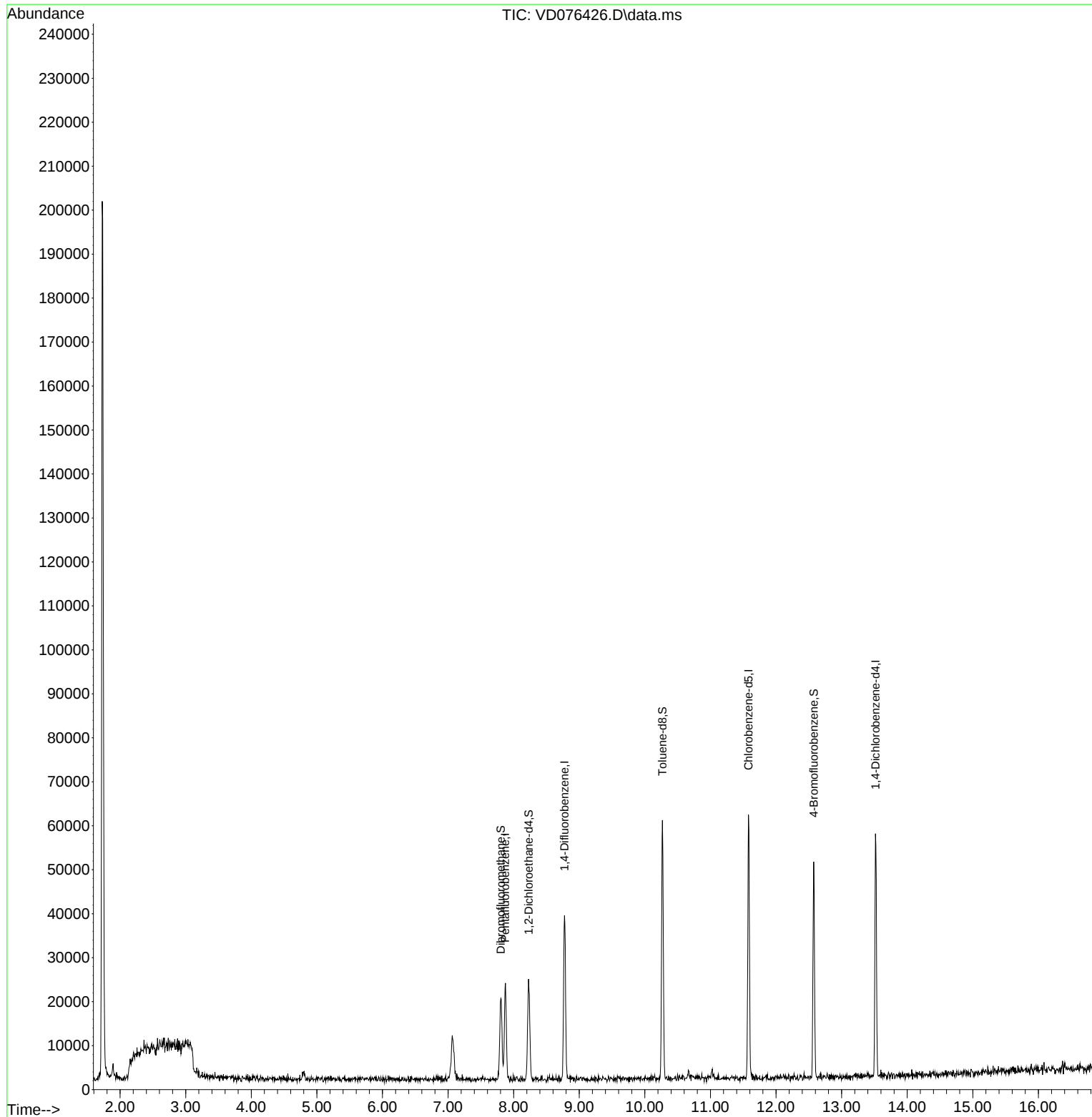
Target Compounds	Qvalue

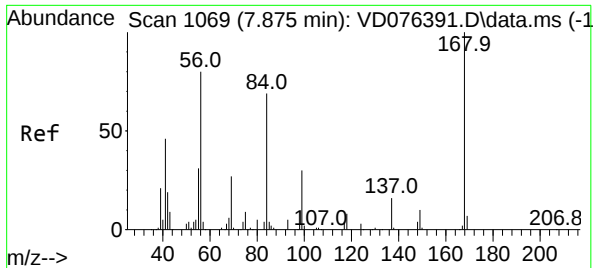
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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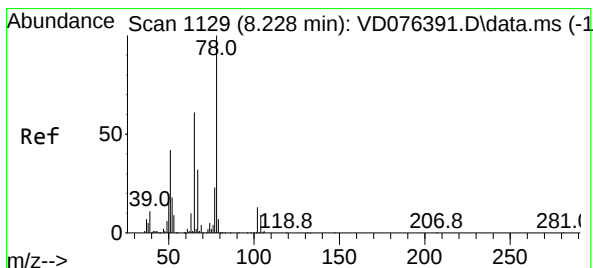
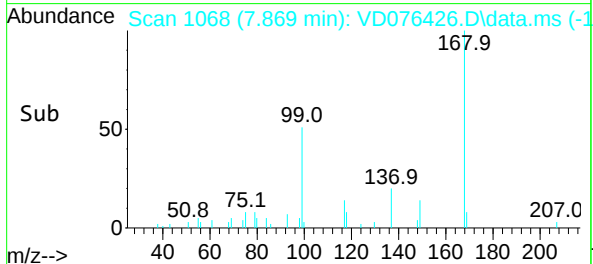
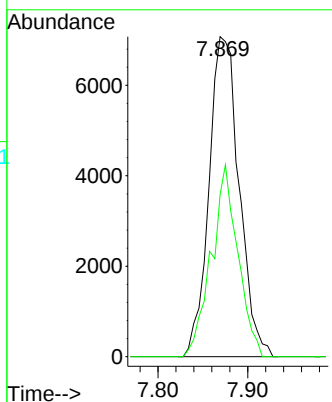
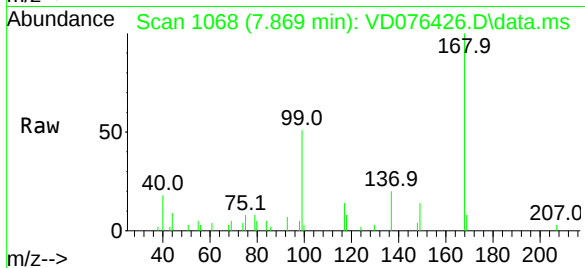




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076426.D
Acq: 14 Jun 2023 19:04

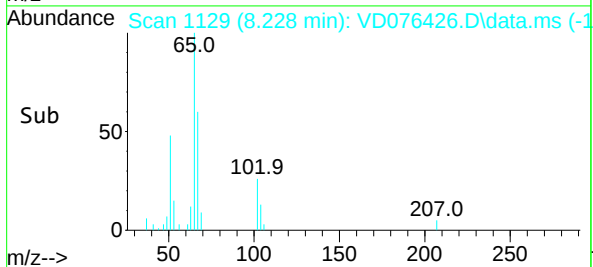
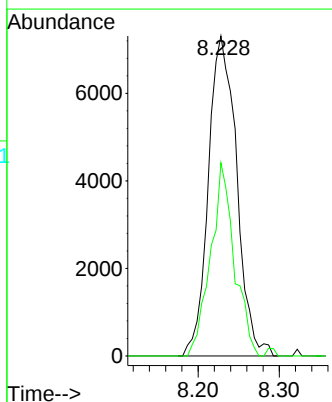
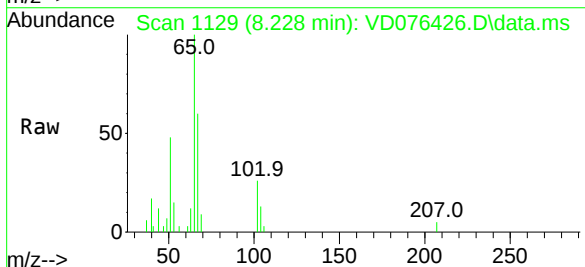
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-06-GRAB-7

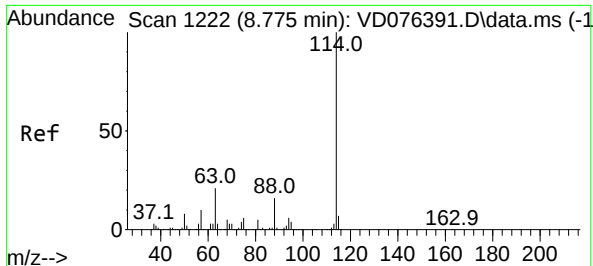
Tgt Ion:168 Resp: 16542
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 92.523 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076426.D
Acq: 14 Jun 2023 19:04

Tgt Ion: 65 Resp: 17678
Ion Ratio Lower Upper
65 100
67 50.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076426.D

Acq: 14 Jun 2023 19:04

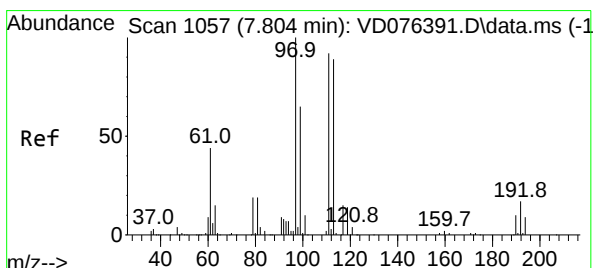
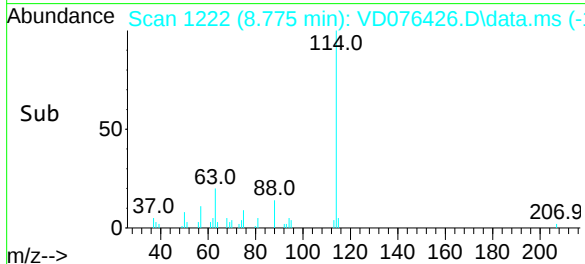
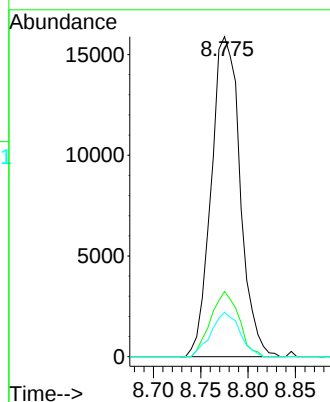
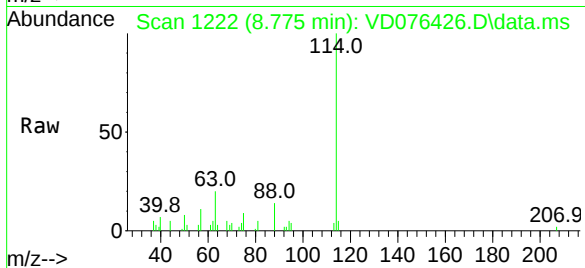
Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-06-GRAB-7

Tgt Ion:	114	Resp:	33682
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	33.4
88	13.9	0.0	26.2



#35

Dibromofluoromethane

Concen: 59.704 ug/l

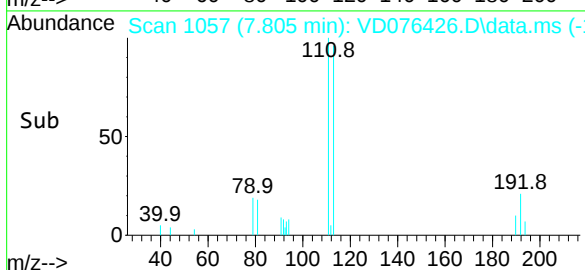
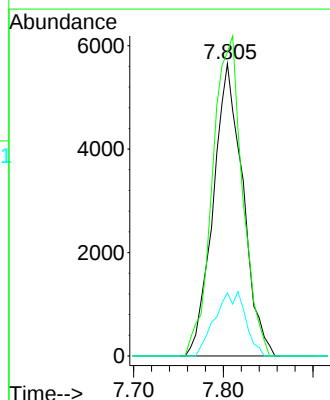
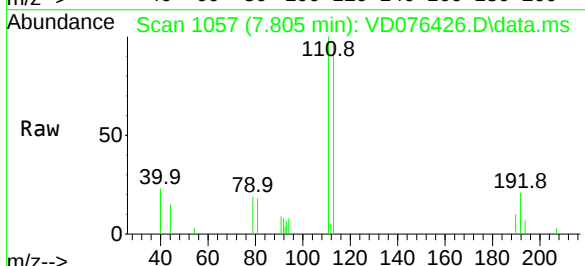
RT: 7.805 min Scan# 1057

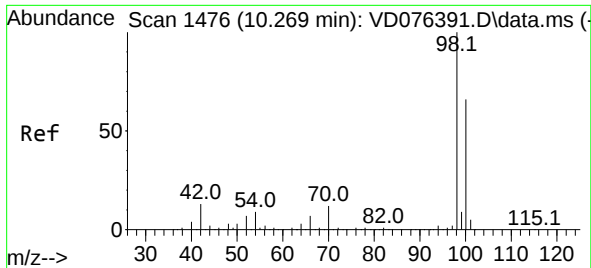
Delta R.T. 0.000 min

Lab File: VD076426.D

Acq: 14 Jun 2023 19:04

Tgt Ion:	113	Resp:	12997
Ion Ratio	Lower	Upper	
113	100		
111	110.5	84.7	127.1
192	22.5	16.8	25.2

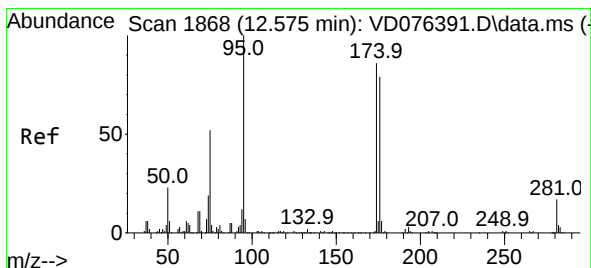
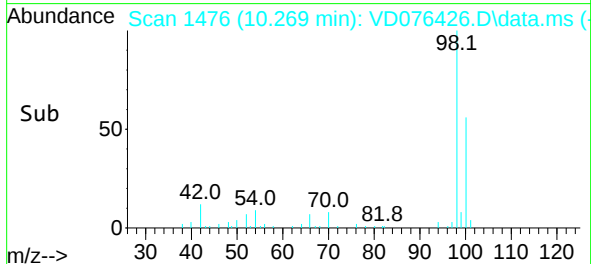
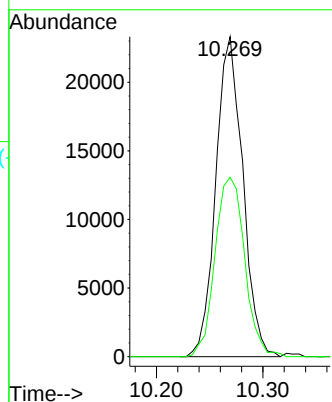
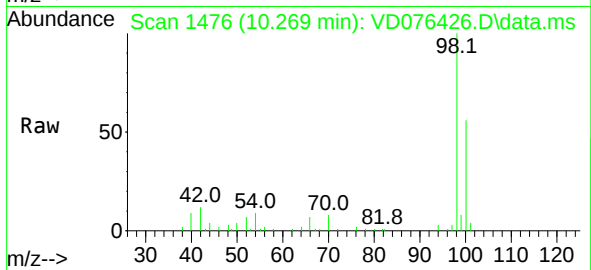




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076426.D
Acq: 14 Jun 2023 19:04

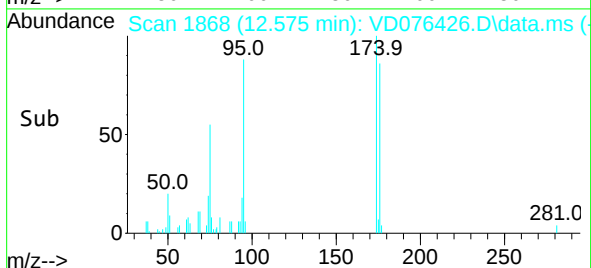
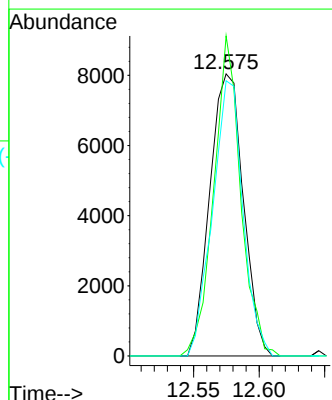
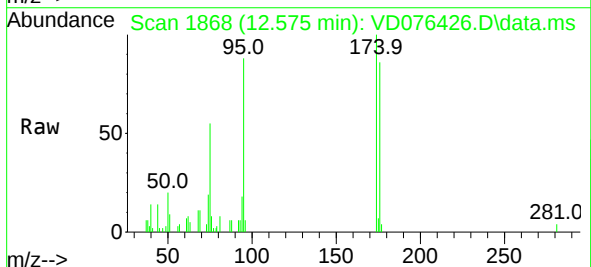
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-06-GRAB-7

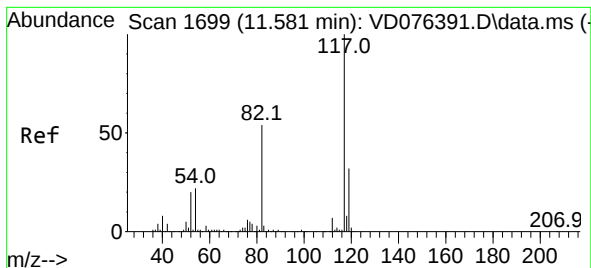
Tgt Ion: 98 Resp: 40993
Ion Ratio Lower Upper
98 100
100 61.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076426.D
Acq: 14 Jun 2023 19:04

Tgt Ion: 95 Resp: 14255
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 88.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076426.D

Acq: 14 Jun 2023 19:04

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-06-GRAB-7

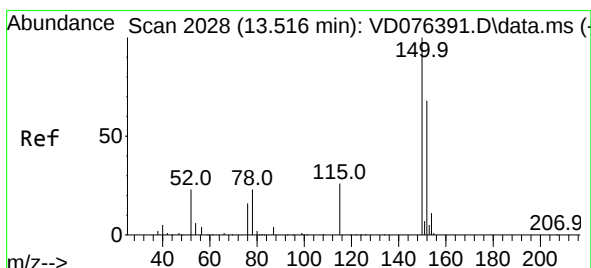
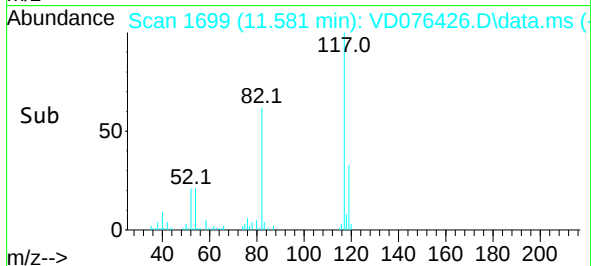
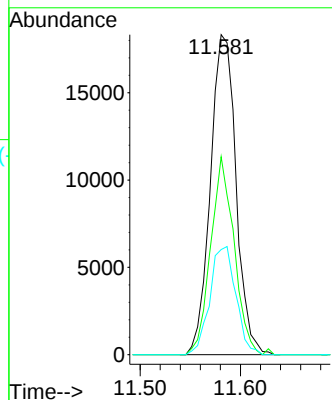
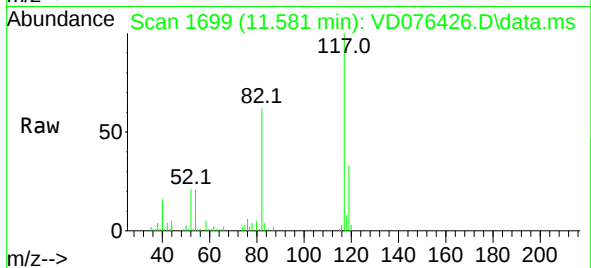
Tgt Ion:117 Resp: 32465

Ion Ratio Lower Upper

117 100

82 61.9 38.3 57.5#

119 32.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076426.D

Acq: 14 Jun 2023 19:04

Tgt Ion:152 Resp: 14892

Ion Ratio Lower Upper

152 100

115 59.4 27.1 81.3

150 150.3 0.0 353.6

