

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076584.D
 Acq On : 26 Jun 2023 16:57
 Operator : KP/SY
 Sample : 03361-18
 Misc : 11.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-21-GRAB-5

Quant Time: Jun 27 04:28:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90927	68.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.180%
35) Dibromofluoromethane	7.804	113	95483	69.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.980%
50) Toluene-d8	10.269	98	318883	61.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	123.260%
62) 4-Bromofluorobenzene	12.575	95	78411	46.697	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.400%

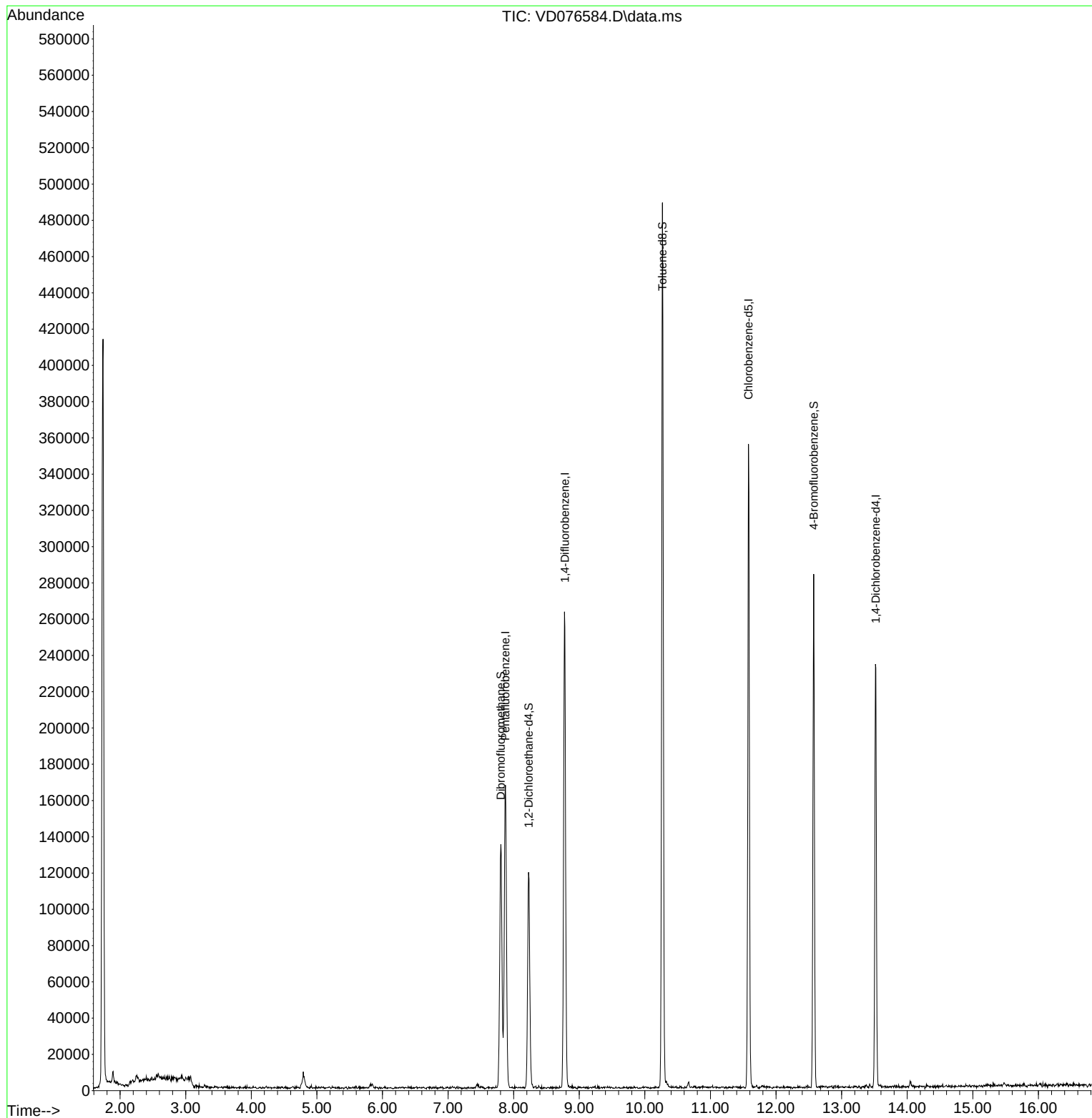
Target Compounds	Qvalue

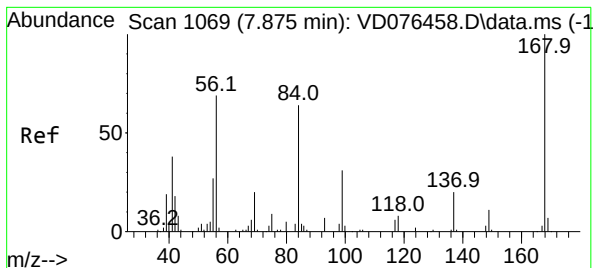
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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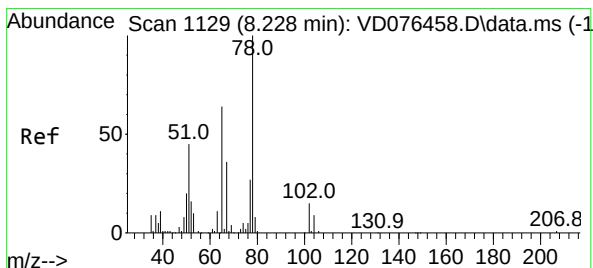
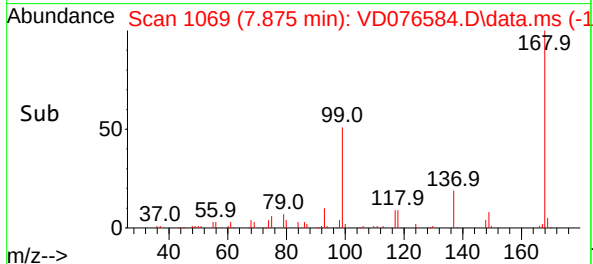
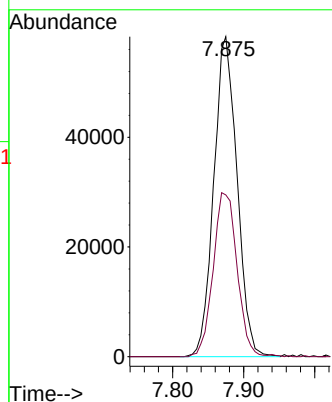
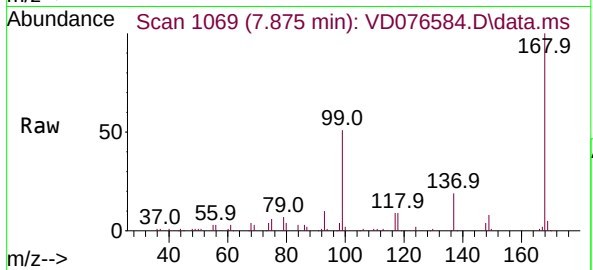




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

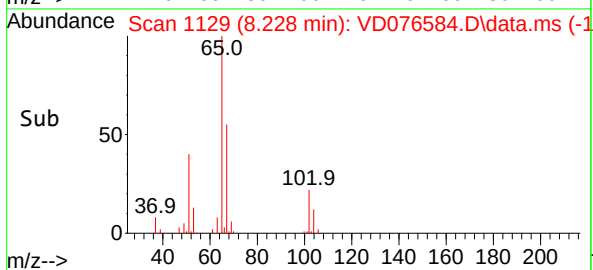
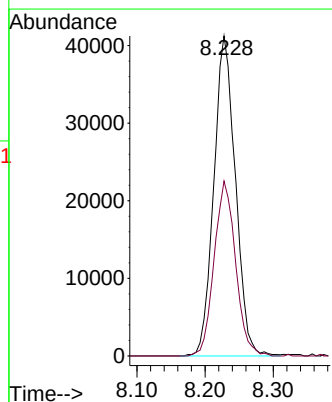
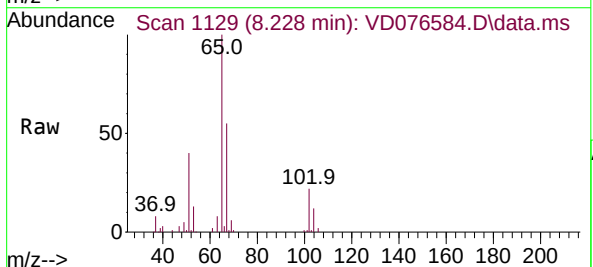
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-21-GRAB-5

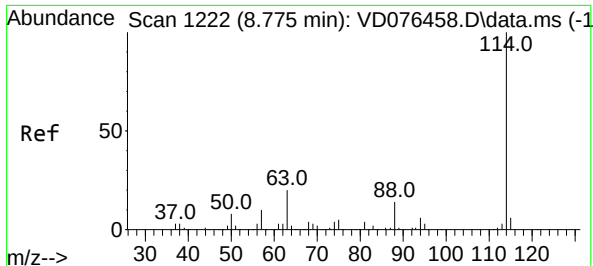
Tgt Ion:168 Resp: 132317
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 68.588 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 65 Resp: 90927
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5

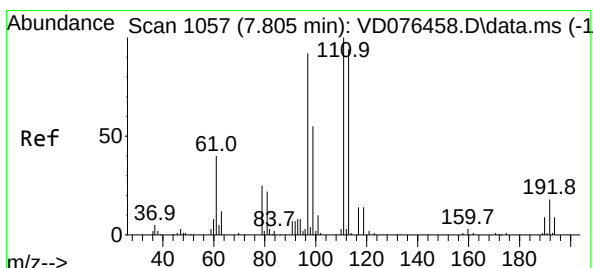
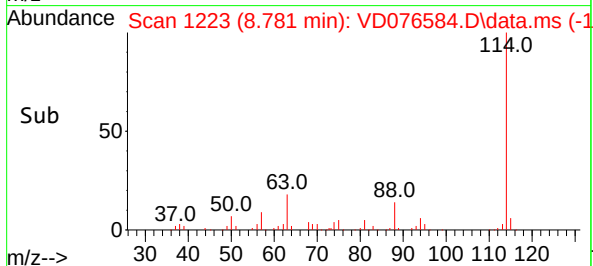
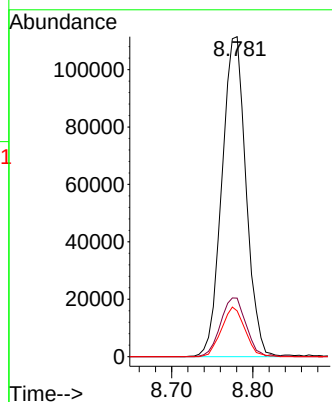
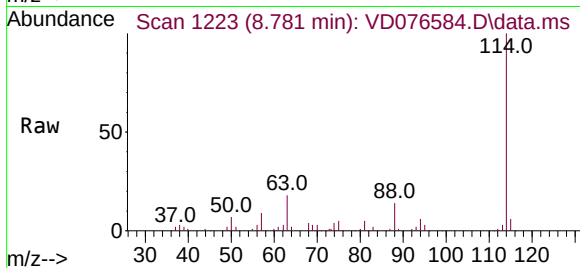
Tgt Ion:114 Resp: 229644

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 69.990 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

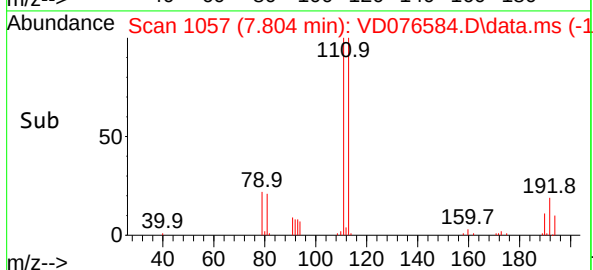
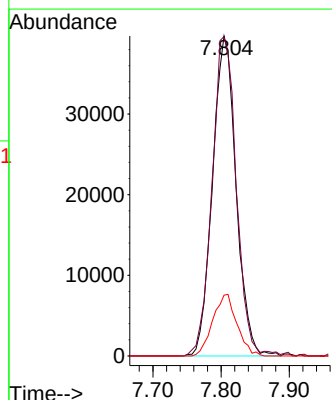
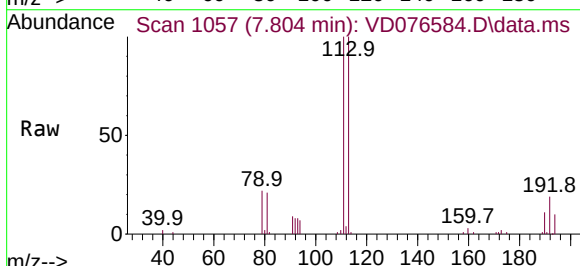
Tgt Ion:113 Resp: 95483

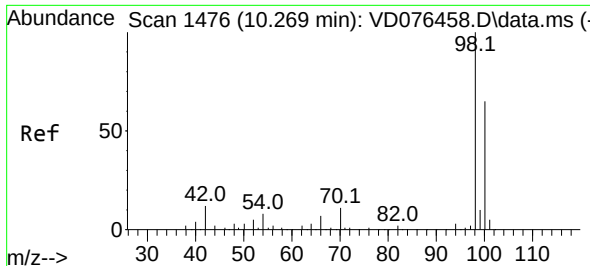
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.7 16.8 25.2

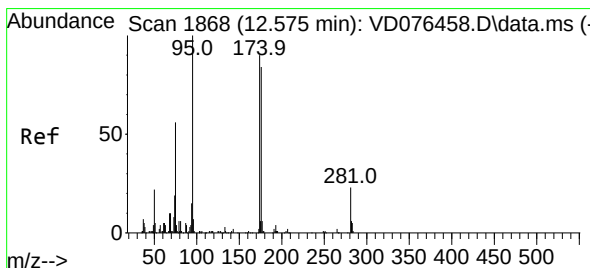
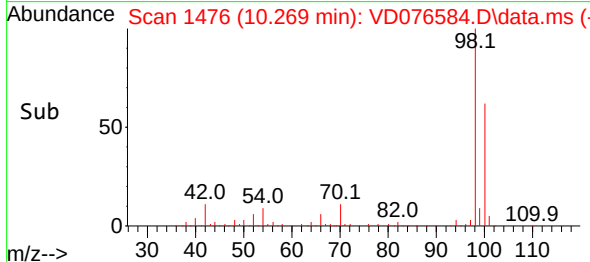
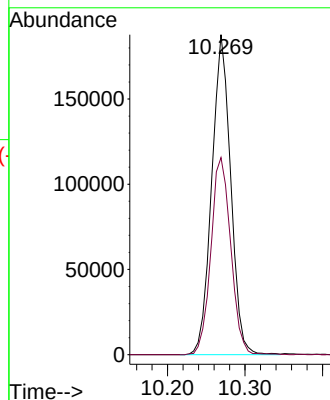
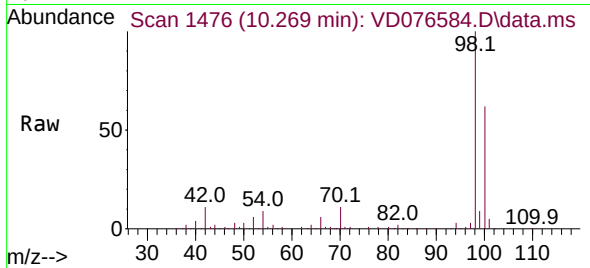




#50
Toluene-d8
Concen: 61.634 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

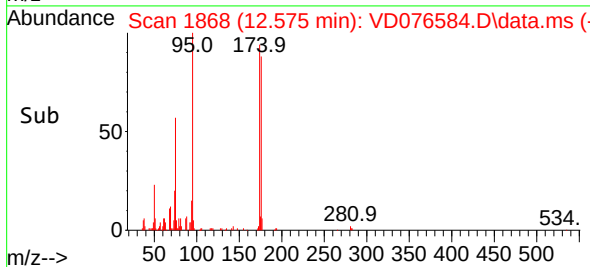
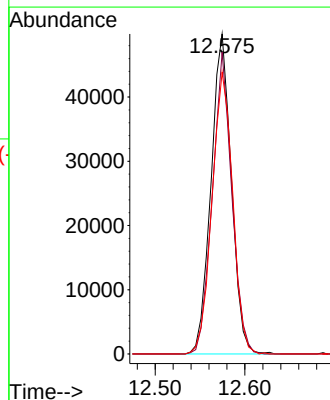
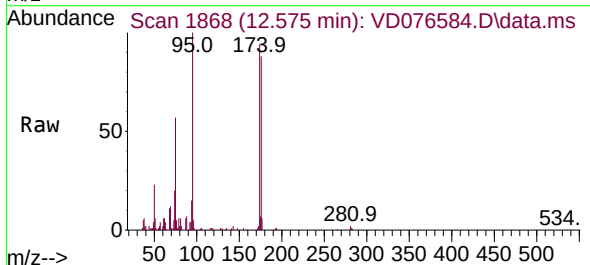
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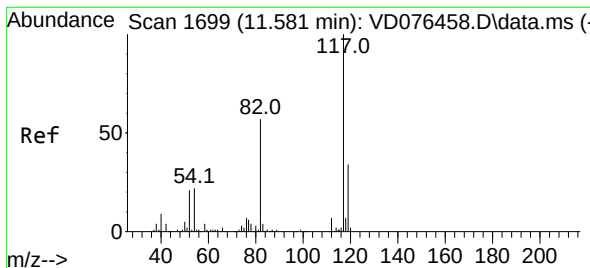
Tgt Ion: 98 Resp: 318883
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.697 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076584.D
Acq: 26 Jun 2023 16:57

Tgt Ion: 95 Resp: 78411
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 89.5 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: VD076584.D

Acq: 26 Jun 2023 16:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-21-GRAB-5

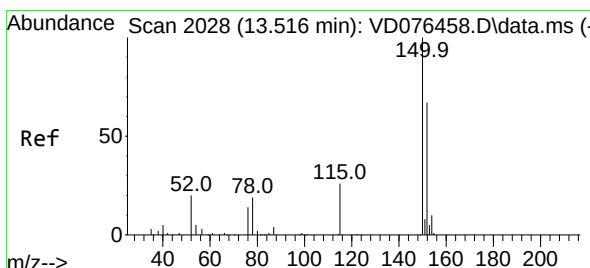
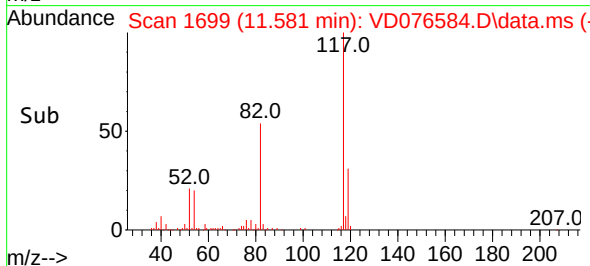
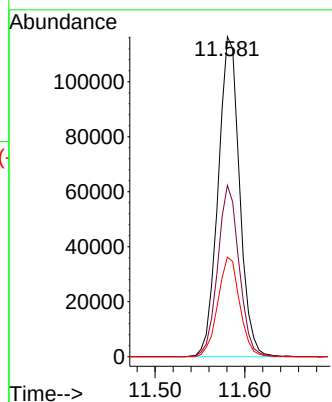
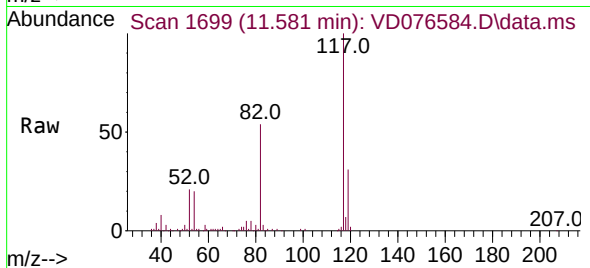
Tgt Ion:117 Resp: 192930

Ion Ratio Lower Upper

117 100

82 53.5 38.3 57.5

119 31.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076584.D

Acq: 26 Jun 2023 16:57

Tgt Ion:152 Resp: 62878

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 157.0 0.0 353.6

