

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076424.D
 Acq On : 14 Jun 2023 18:03
 Operator : KP/SY
 Sample : 03222-12
 Misc : 9.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-5-SB-26

Quant Time: Jun 15 05:35:16 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	7.875	168	17529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	33226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19115	94.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.820%#
35) Dibromofluoromethane	7.805	113	14877	66.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.000%
50) Toluene-d8	10.269	98	42291	49.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.575	95	13495	46.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.800%

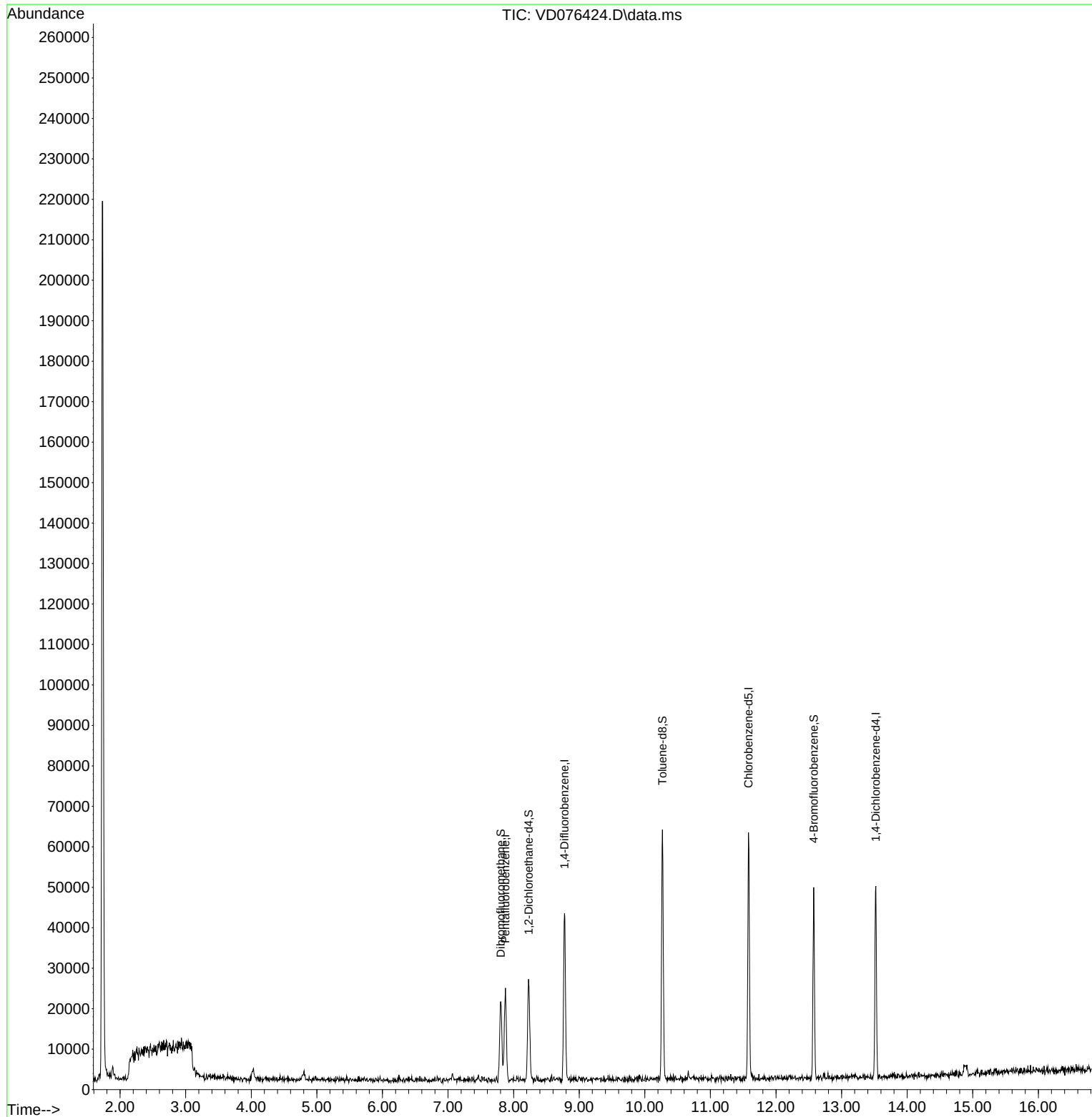
Target Compounds	Qvalue

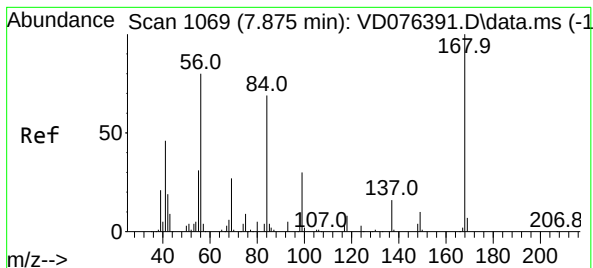
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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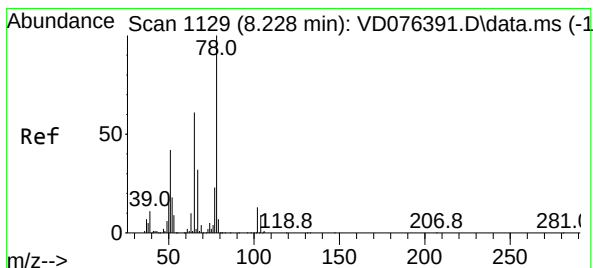
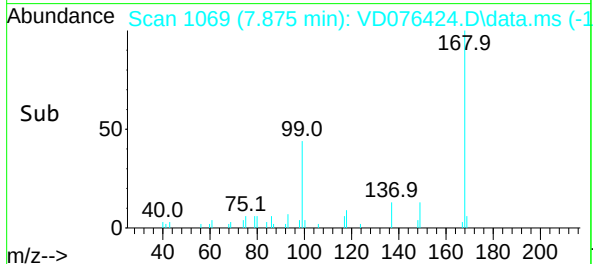
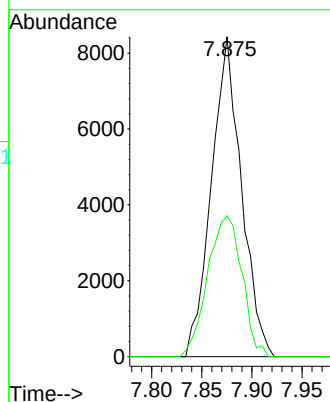
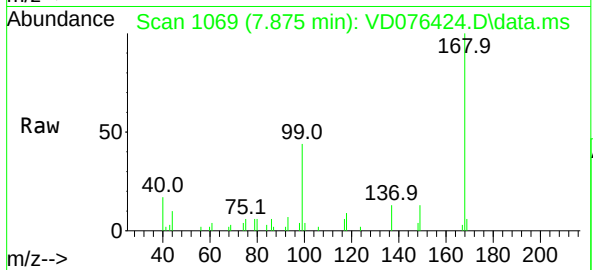




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076424.D
Acq: 14 Jun 2023 18:03

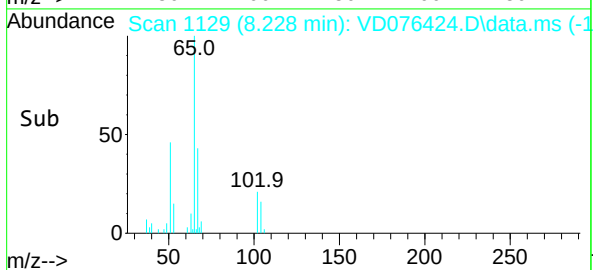
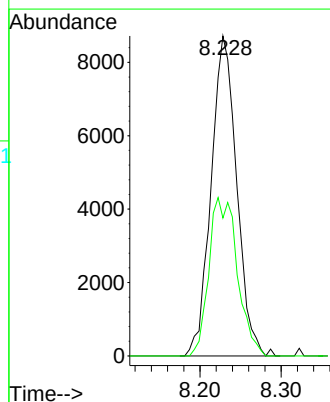
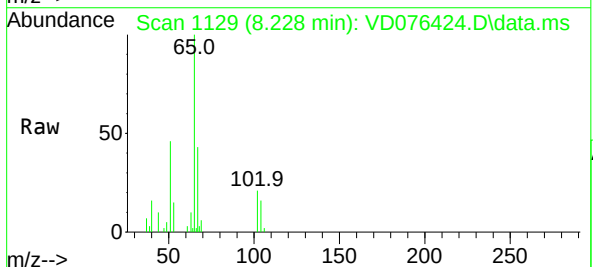
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-5-SB-26

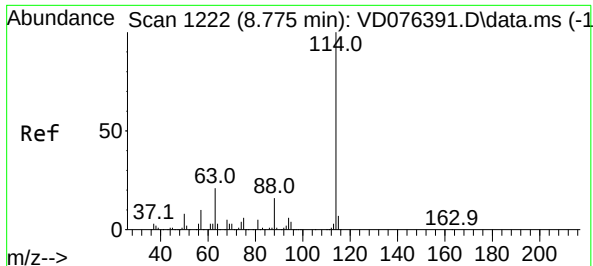
Tgt Ion:168 Resp: 17529
Ion Ratio Lower Upper
168 100
99 44.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 94.411 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076424.D
Acq: 14 Jun 2023 18:03

Tgt Ion: 65 Resp: 19115
Ion Ratio Lower Upper
65 100
67 54.7 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: VD076424.D

Acq: 14 Jun 2023 18:03

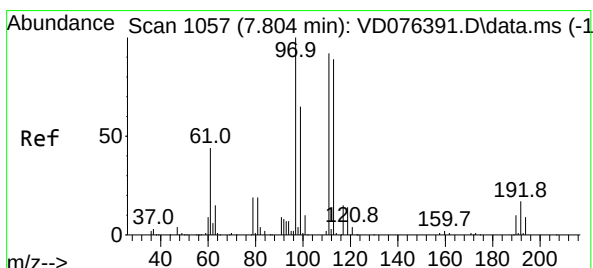
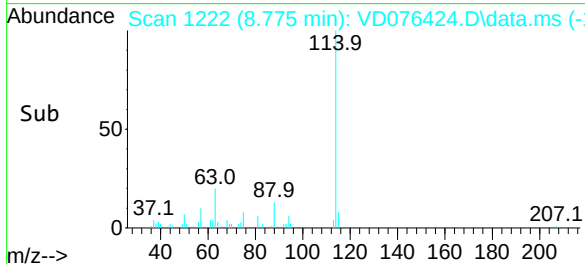
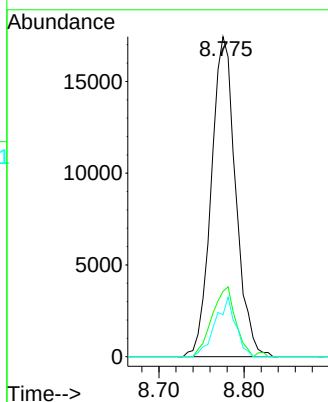
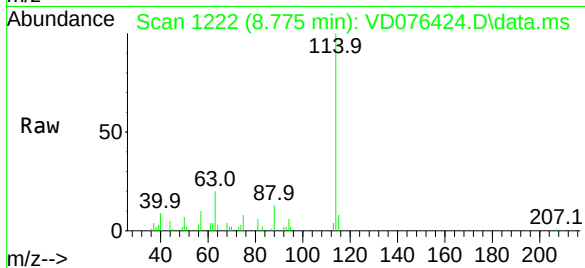
Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-5-SB-26

Tgt Ion:114	Resp:	34616
Ion	Ratio	Lower Upper
114	100	
63	20.4	0.0 33.4
88	13.1	0.0 26.2



#35

Dibromofluoromethane

Concen: 66.496 ug/l

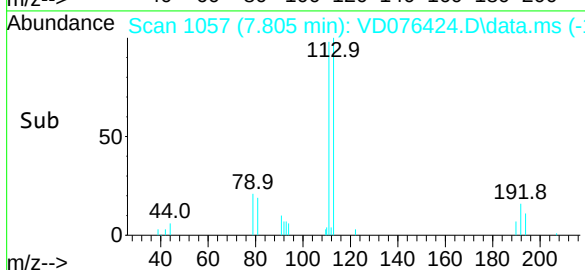
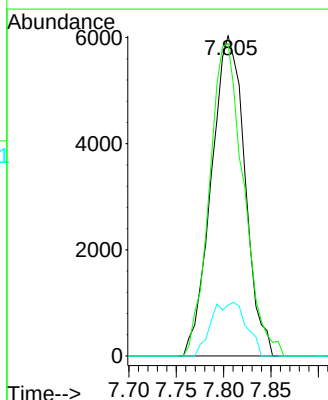
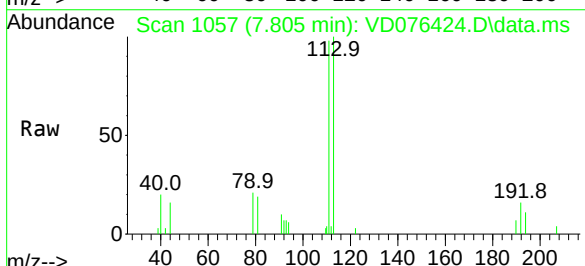
RT: 7.805 min Scan# 1057

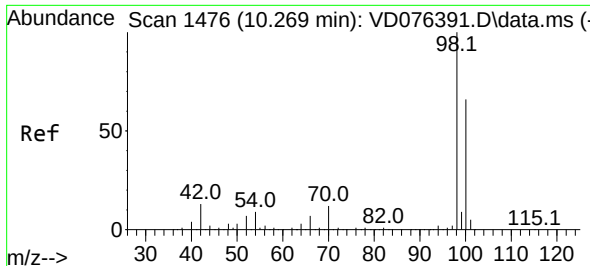
Delta R.T. 0.000 min

Lab File: VD076424.D

Acq: 14 Jun 2023 18:03

Tgt Ion:113	Resp:	14877
Ion	Ratio	Lower Upper
113	100	
111	99.0	84.7 127.1
192	17.4	16.8 25.2

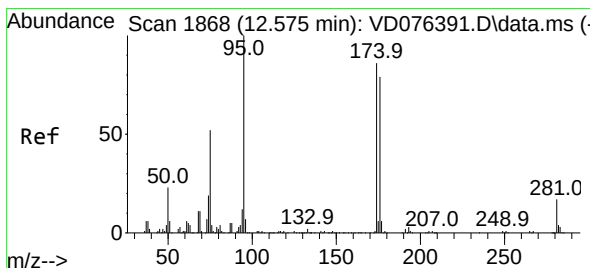
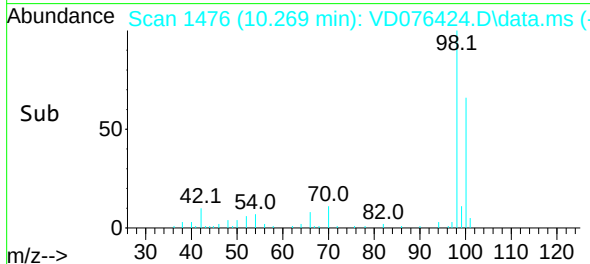
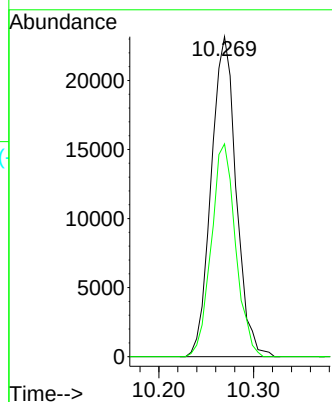
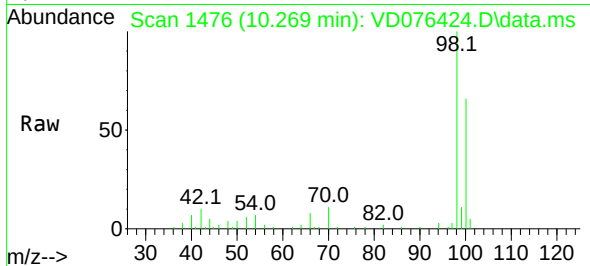




#50
Toluene-d8
Concen: 49.881 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076424.D
Acq: 14 Jun 2023 18:03

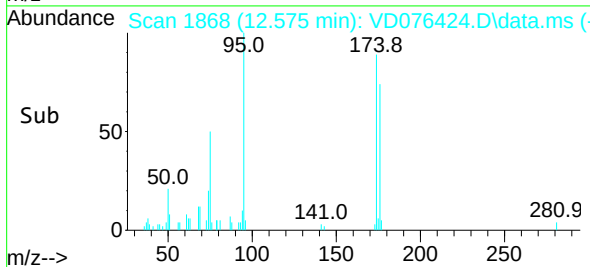
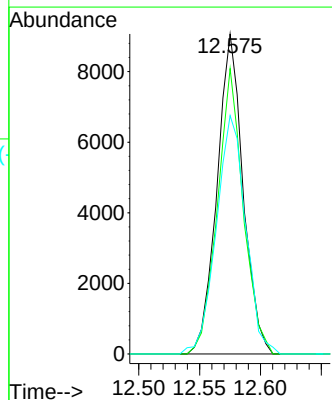
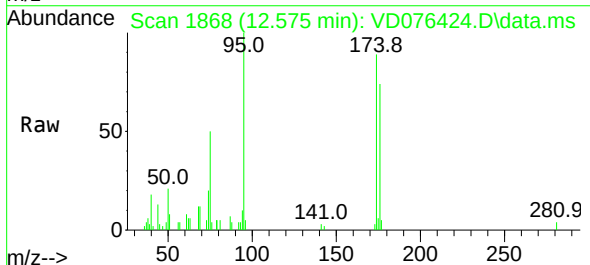
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-5-SB-26

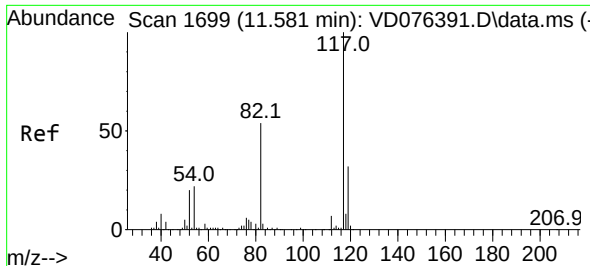
Tgt Ion: 98 Resp: 42291
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.397 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076424.D
Acq: 14 Jun 2023 18:03

Tgt Ion: 95 Resp: 13495
Ion Ratio Lower Upper
95 100
174 88.3 0.0 201.8
176 83.7 0.0 191.8

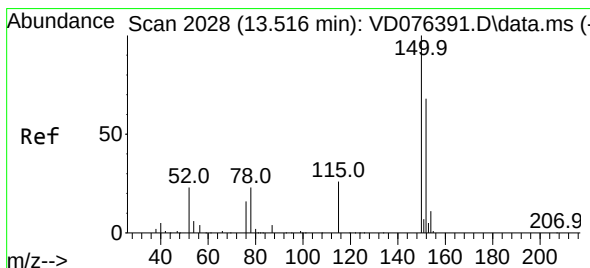
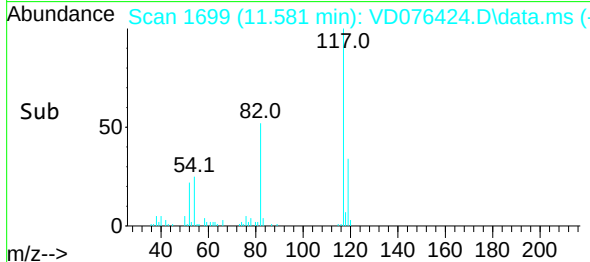
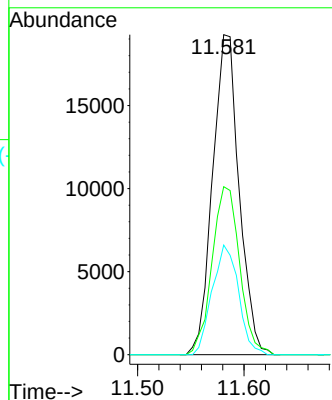
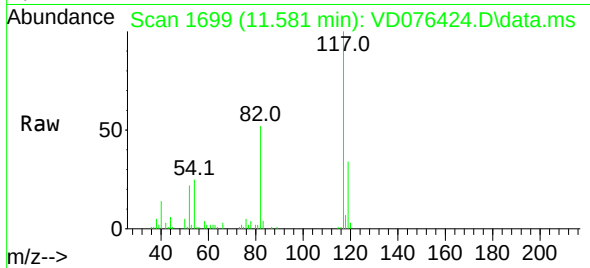




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076424.D
Acq: 14 Jun 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-5-SB-26

Tgt Ion:	117	Resp:	33226
Ion	Ratio	Lower	Upper
117	100		
82	52.5	38.3	57.5
119	34.3	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: VD076424.D
Acq: 14 Jun 2023 18:03

Tgt Ion:	152	Resp:	12716
Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.1	81.3
150	148.0	0.0	353.6

