

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051476.D
 Acq On : 20 Oct 2022 16:53
 Operator : JC/MD
 Sample : N5180-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 20 22:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

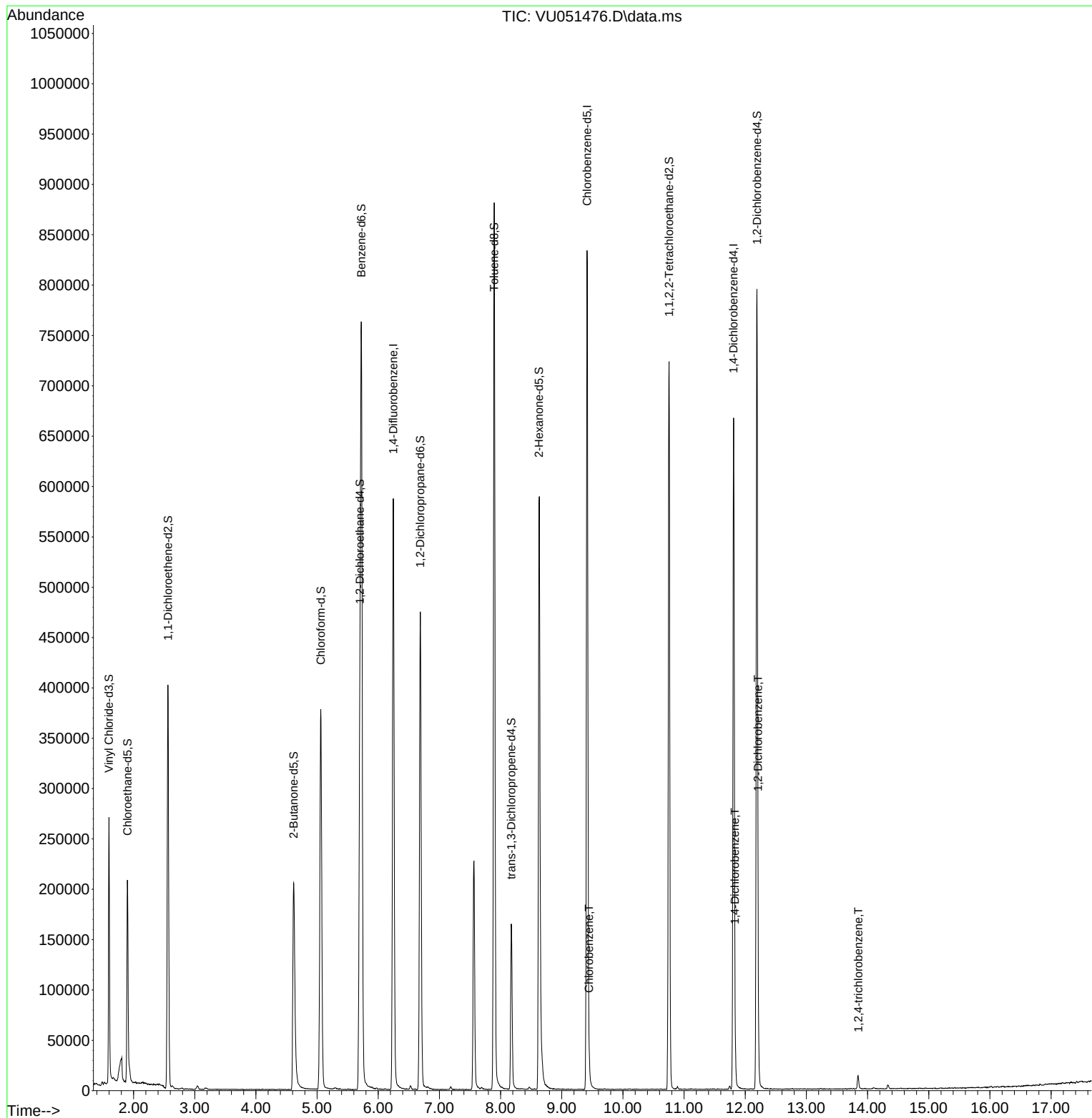
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	465013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	186883	49.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.340%
7) Chloroethane-d5	1.899	69	166279	53.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.280%
11) 1,1-Dichloroethene-d2	2.562	63	240265	37.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.020%
21) 2-Butanone-d5	4.616	46	293309	110.579	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.580%
24) Chloroform-d	5.060	84	354164	51.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	5.700	65	226282	52.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.320%
32) Benzene-d6	5.722	84	716823	56.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.840%
36) 1,2-Dichloropropane-d6	6.687	67	235811	57.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.040%
41) Toluene-d8	7.896	98	601978	52.445	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.900%
43) trans-1,3-Dichloroprop...	8.176	79	93374	53.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.060%
47) 2-Hexanone-d5	8.629	63	189424	104.289	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.290%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	365990	50.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	209718	62.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.020%#
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	12187	1.193	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	10818	1.817	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	12841	2.129	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	5095	1.704	ug/L	97

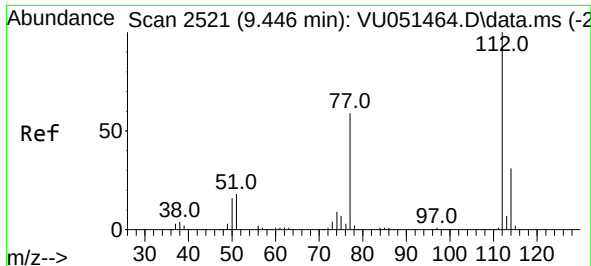
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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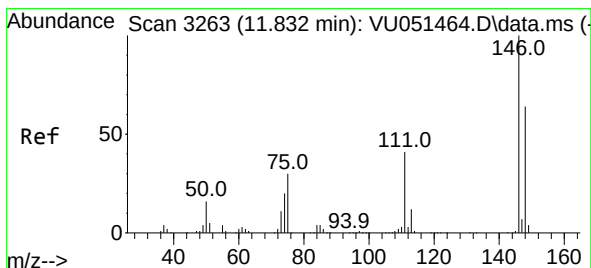
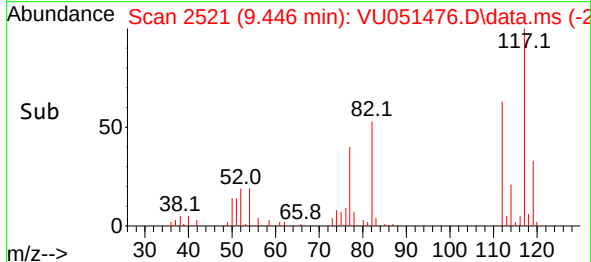
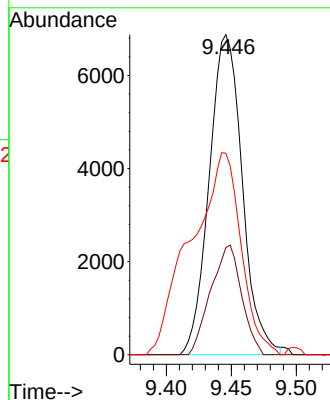
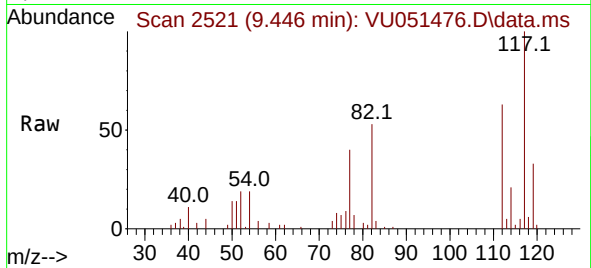




#51
Chlorobenzene
Concen: 1.193 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051476.D
Acq: 20 Oct 2022 16:53

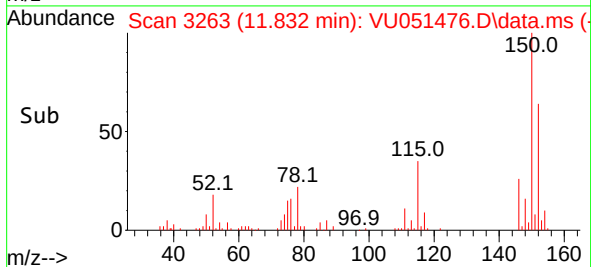
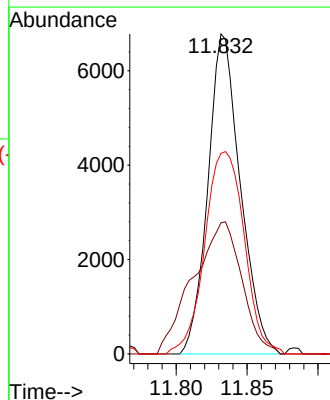
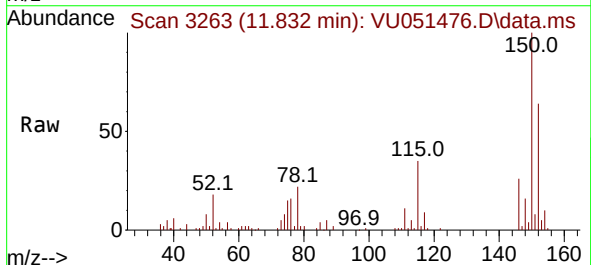
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

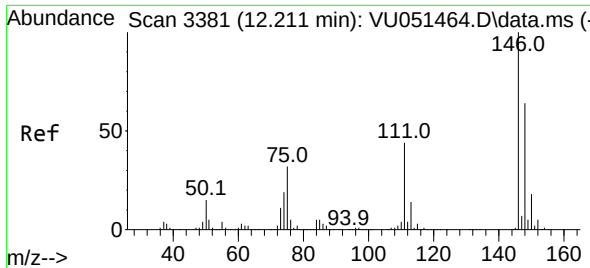
Tgt Ion:112 Resp: 12187
Ion Ratio Lower Upper
112 100
114 33.5 21.9 40.7
77 62.9 47.3 70.9



#65
1,4-Dichlorobenzene
Concen: 1.817 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU051476.D
Acq: 20 Oct 2022 16:53

Tgt Ion:146 Resp: 10818
Ion Ratio Lower Upper
146 100
111 41.0 28.9 53.7
148 62.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 2.129 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

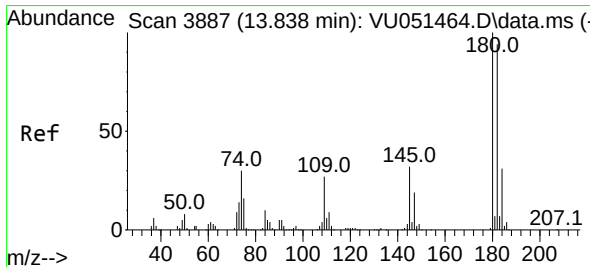
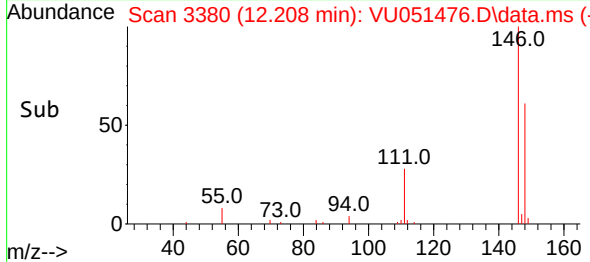
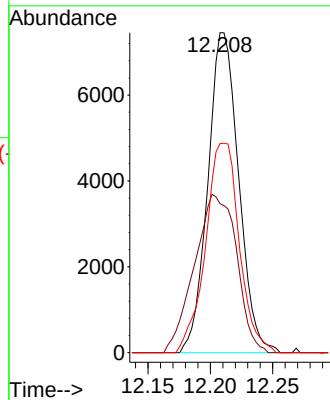
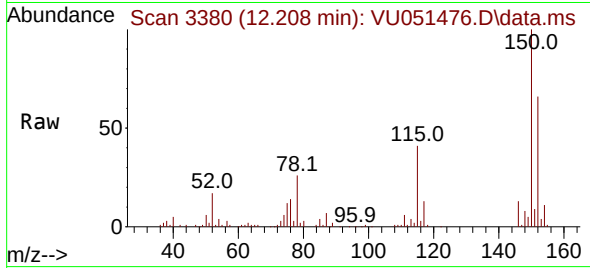
Tgt Ion:146 Resp: 12841

Ion Ratio Lower Upper

146 100

111 46.5 35.3 52.9

148 65.4 51.1 76.7



#70

1,2,4-trichlorobenzene

Concen: 1.704 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.010 min

Lab File: VU051476.D

Acq: 20 Oct 2022 16:53

Tgt Ion:180 Resp: 5095

Ion Ratio Lower Upper

180 100

182 97.9 76.2 114.4

145 28.2 25.0 37.6

