

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056024.D
 Acq On : 31 Oct 2023 19:44
 Operator : MD/SY
 Sample : VIBLK153
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK153

Quant Time: Nov 01 01:12:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

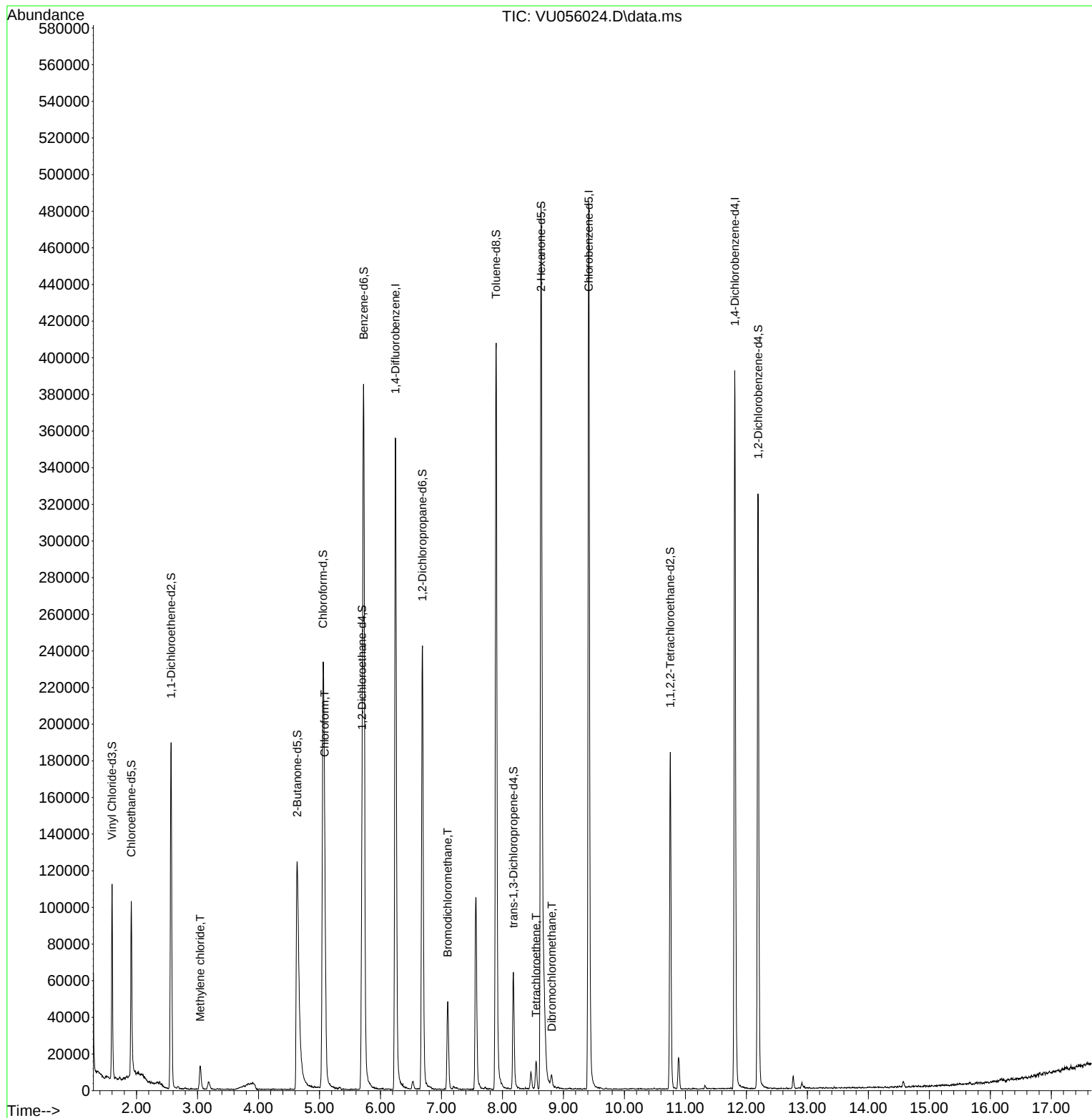
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309077	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	110878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78448	3.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.914	69	74157	3.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.566	65	36317	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.634	46	237553	54.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.920%
24) Chloroform-d	5.058	84	204516	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.698	65	99131	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.724	84	381487	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.688	67	128067	4.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.897	98	299099	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.180	79	40534	4.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.634	63	175280	68.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.800%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93699	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	92009	4.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	6992	0.412	ug/L	95
25) Chloroform	5.084	83	97400	3.012	ug/L	98
38) Bromodichloromethane	7.103	83	33650	1.565	ug/L	98
47) Tetrachloroethene	8.553	164	3270	0.259	ug/L	96
49) Dibromochloromethane	8.811	129	3471	0.263	ug/L	88

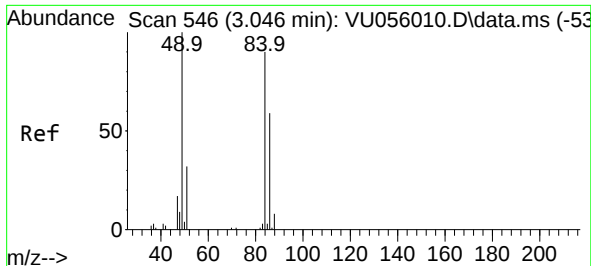
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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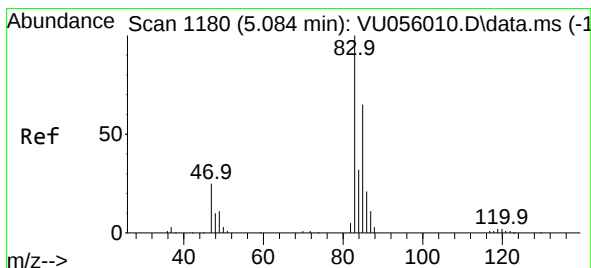
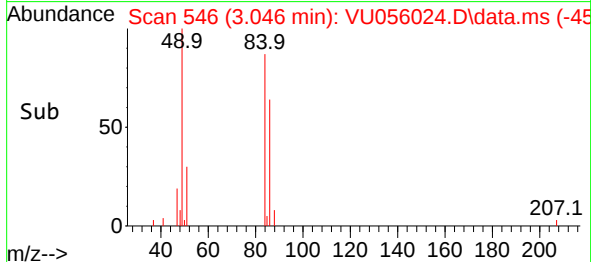
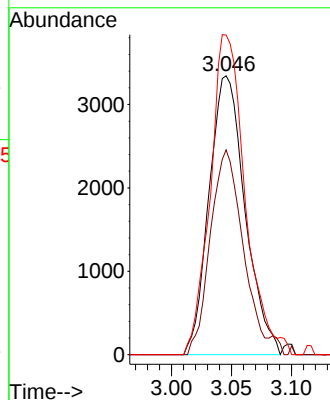
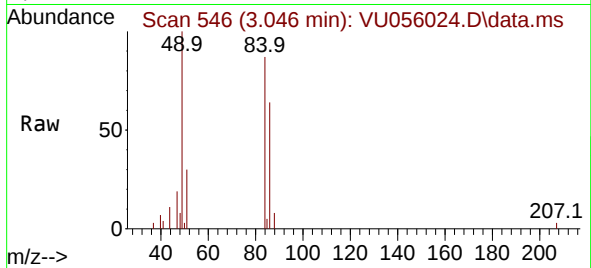




#16
Methylene chloride
Concen: 0.412 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056024.D
Acq: 31 Oct 2023 19:44

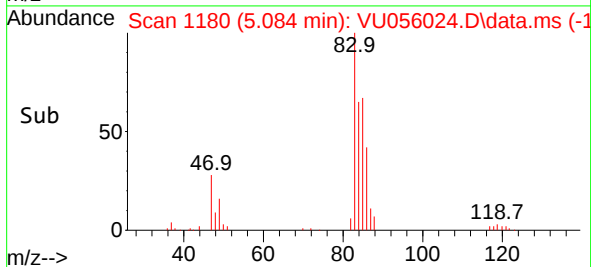
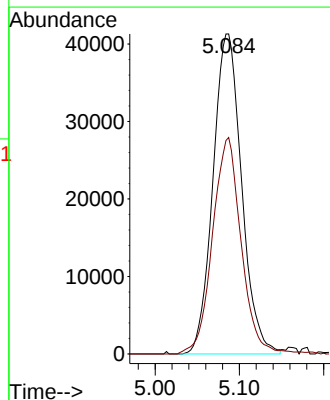
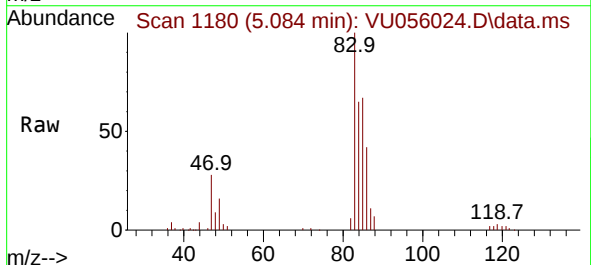
Instrument :
MSVOA_U
ClientSampleId :
VIBLK153

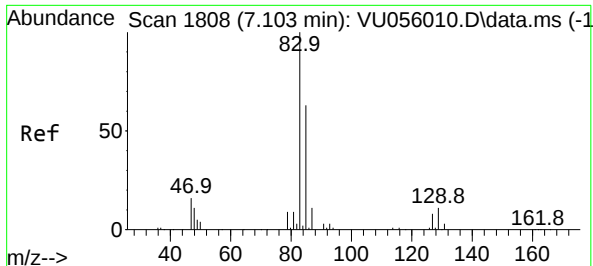
Tgt Ion: 84 Resp: 6992
Ion Ratio Lower Upper
84 100
86 73.4 45.2 84.0
49 114.7 78.8 146.3



#25
Chloroform
Concen: 3.012 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU056024.D
Acq: 31 Oct 2023 19:44

Tgt Ion: 83 Resp: 97400
Ion Ratio Lower Upper
83 100
85 66.7 45.6 84.8





#38

Bromodichloromethane

Concen: 1.565 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU056024.D

Acq: 31 Oct 2023 19:44

Instrument :

MSVOA_U

ClientSampleId :

VIBLK153

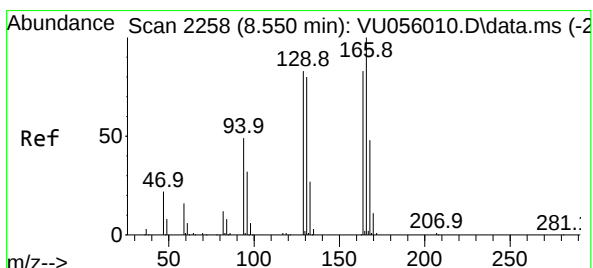
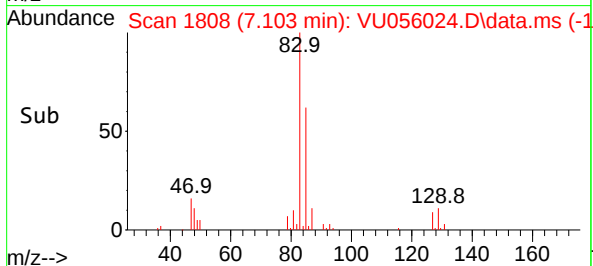
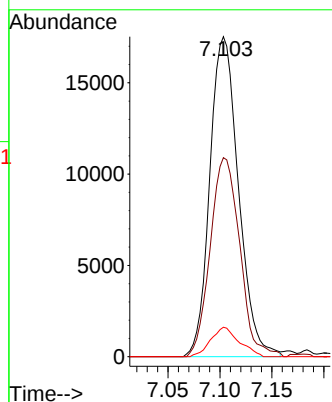
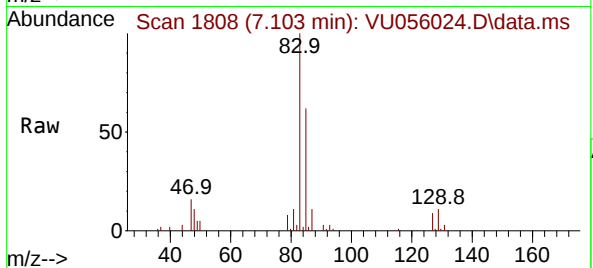
Tgt Ion: 83 Resp: 33650

Ion Ratio Lower Upper

83 100

85 62.2 44.9 83.3

127 9.2 6.6 9.8



#47

Tetrachloroethene

Concen: 0.259 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU056024.D

Acq: 31 Oct 2023 19:44

Tgt Ion:164 Resp: 3270

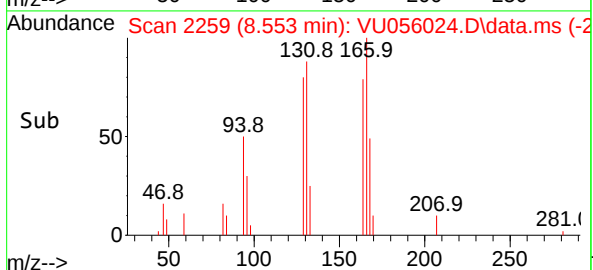
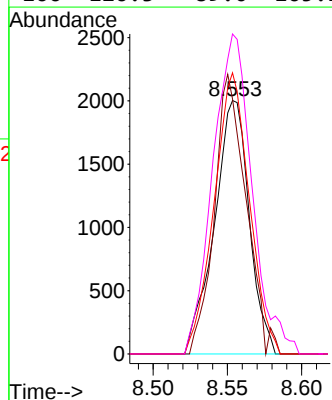
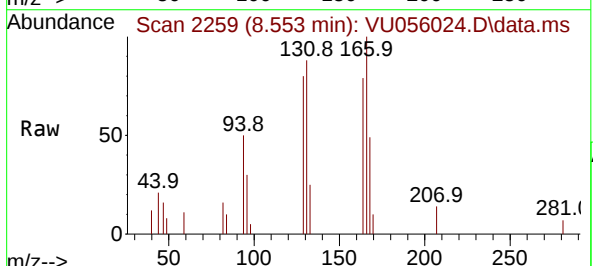
Ion Ratio Lower Upper

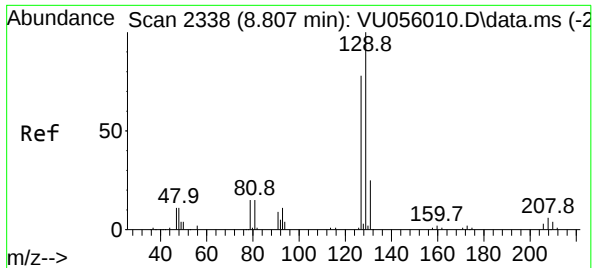
164 100

129 100.6 72.2 134.0

131 110.9 70.8 131.6

166 126.3 89.0 165.2





#49
 Dibromochloromethane
 Concen: 0.263 ug/L
 RT: 8.811 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU056024.D
 Acq: 31 Oct 2023 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK153

Tgt Ion:129 Resp: 3471
 Ion Ratio Lower Upper
 129 100
 127 66.0 53.5 99.5

