

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056524.D
 Acq On : 20 Nov 2023 14:01
 Operator : MD/SY
 Sample : 05411-17RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK2RE

Quant Time: Nov 21 00:40:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

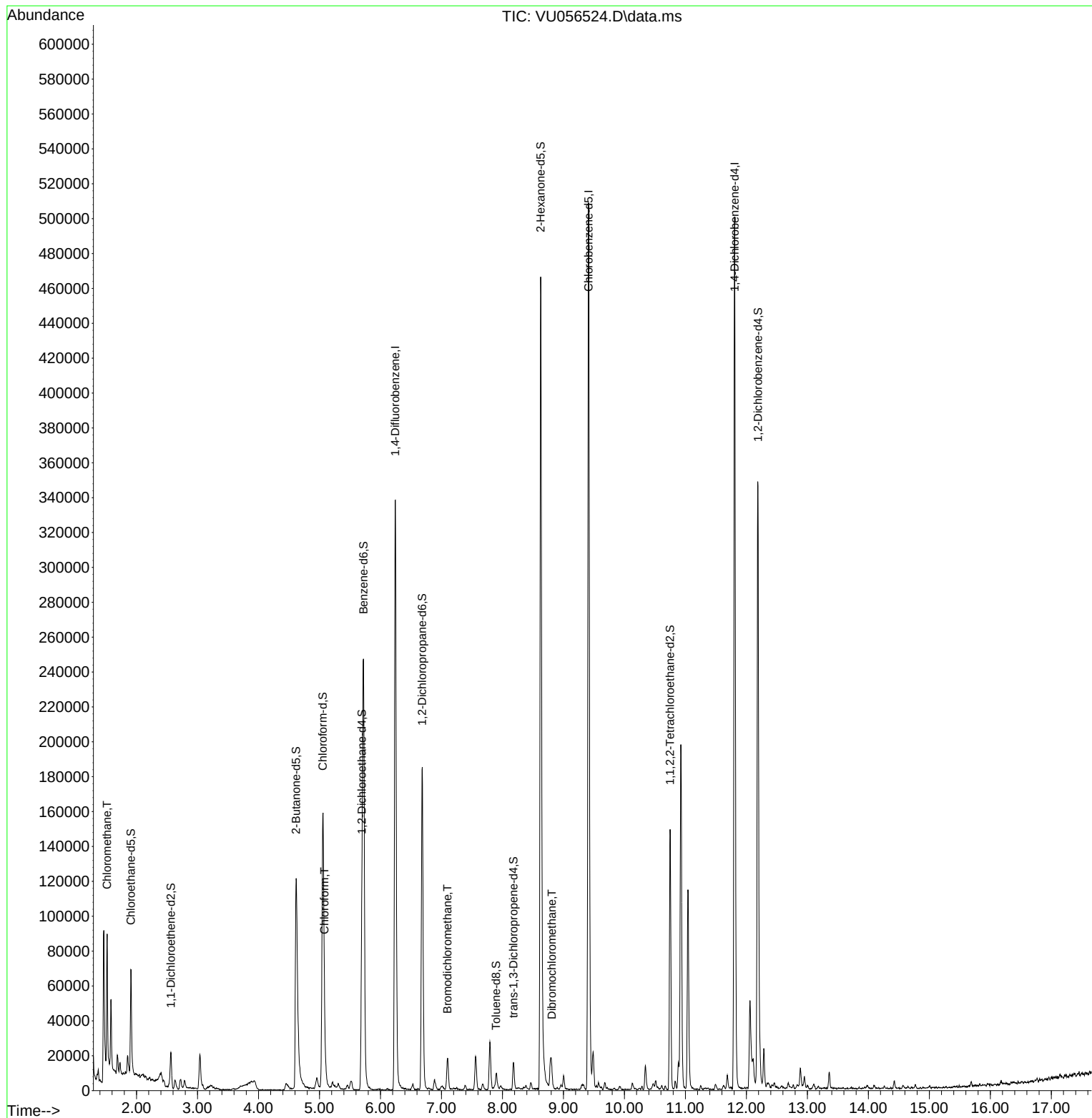
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	276534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.907	69	41344	2.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.200%#
11) 1,1-Dichloroethene-d2	2.563	65	3970	0.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.600%#
20) 2-Butanone-d5	4.618	46	189517	45.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	5.055	84	145301	3.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.695	65	72421	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.721	84	241283	2.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.600%#
36) 1,2-Dichloropropane-d6	6.682	67	90195	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.894	98	3884	0.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1.000%#
43) trans-1,3-Dichloroprop...	8.180	79	6636	0.661	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	13.200%#
46) 2-Hexanone-d5	8.627	63	162911	41.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73031	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	89635	3.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	50318	2.247	ug/L	96
25) Chloroform	5.081	83	20482	0.548	ug/L	94
38) Bromodichloromethane	7.100	83	10893	0.389	ug/L	98
49) Dibromochloromethane	8.807	129	5256	0.320	ug/L	95

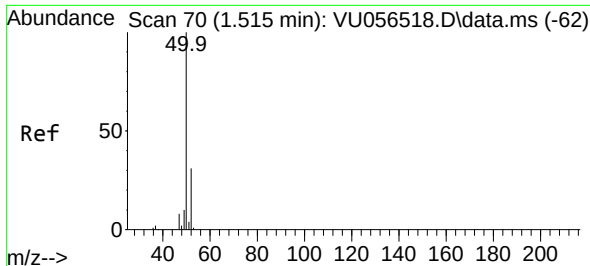
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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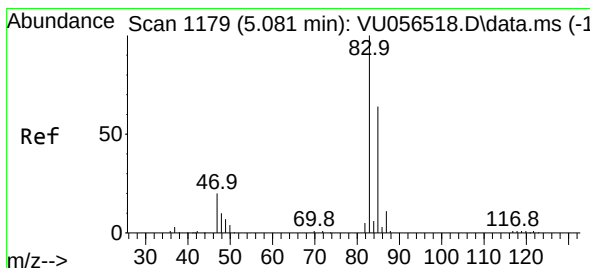
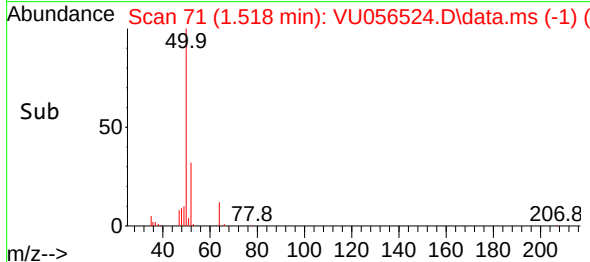
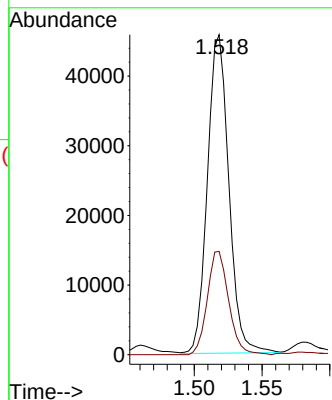
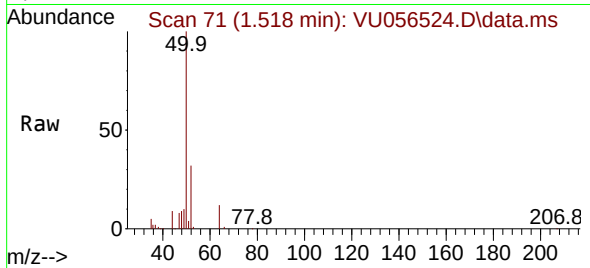




#3
Chloromethane
Concen: 2.247 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

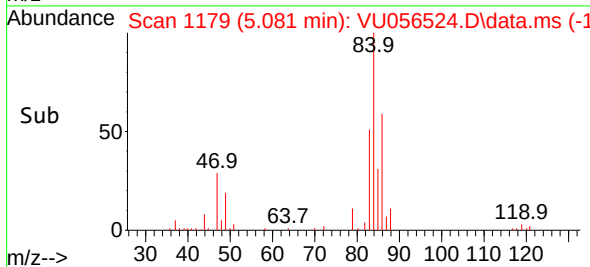
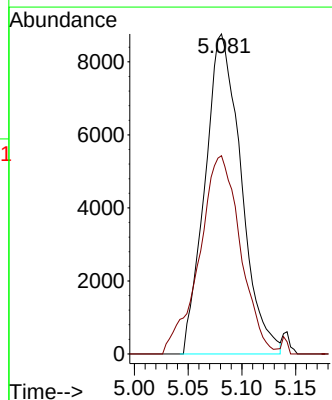
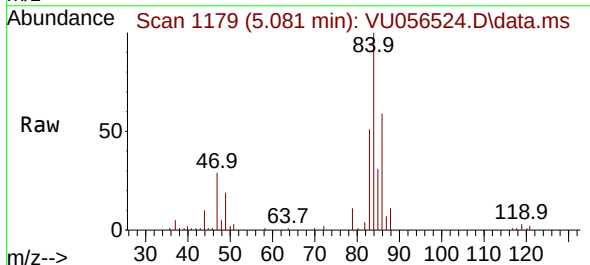
Instrument :
MSVOA_U
ClientSampleId :
C0QK2RE

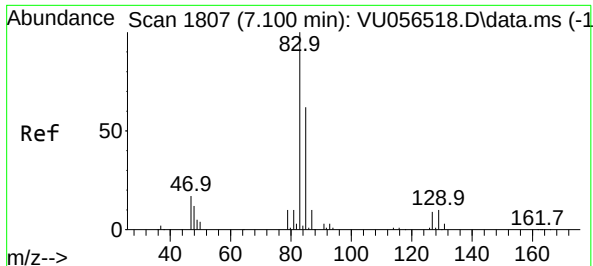
Tgt Ion: 50 Resp: 50318
Ion Ratio Lower Upper
50 100
52 32.3 24.3 45.1



#25
Chloroform
Concen: 0.548 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056524.D
Acq: 20 Nov 2023 14:01

Tgt Ion: 83 Resp: 20482
Ion Ratio Lower Upper
83 100
85 62.0 47.0 87.2





#38

Bromodichloromethane

Concen: 0.389 ug/L

RT: 7.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU056524.D

Acq: 20 Nov 2023 14:01

Instrument :

MSVOA_U

ClientSampleId :

C0QK2RE

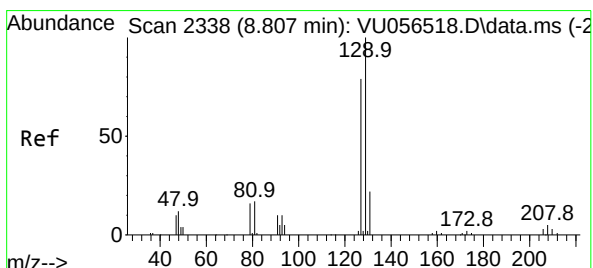
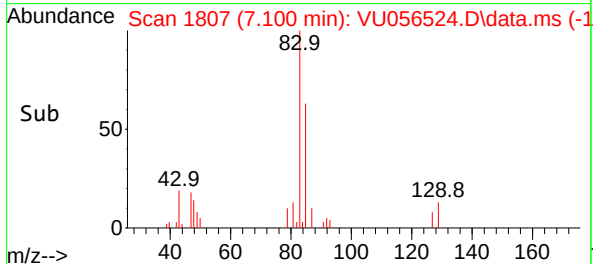
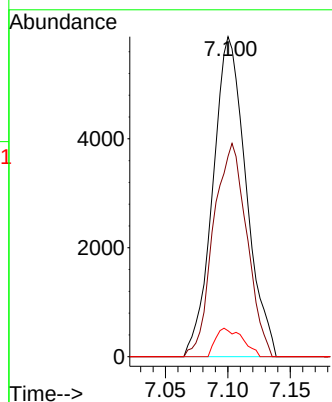
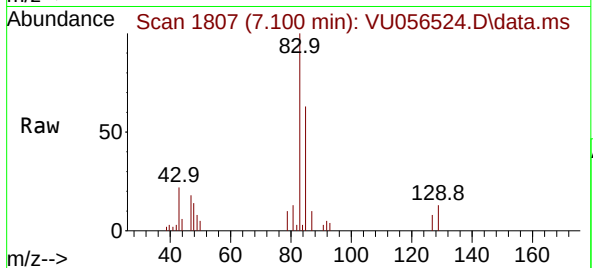
Tgt Ion: 83 Resp: 10893

Ion Ratio Lower Upper

83 100

85 62.6 44.9 83.5

127 8.1 6.9 10.3



#49

Dibromochloromethane

Concen: 0.320 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.000 min

Lab File: VU056524.D

Acq: 20 Nov 2023 14:01

Tgt Ion: 129 Resp: 5256

Ion Ratio Lower Upper

129 100

127 79.6 52.9 98.3

