

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056929.D
 Acq On : 16 Dec 2023 16:02
 Operator : MD/SY
 Sample : 05810-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C53

Quant Time: Dec 16 23:47:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

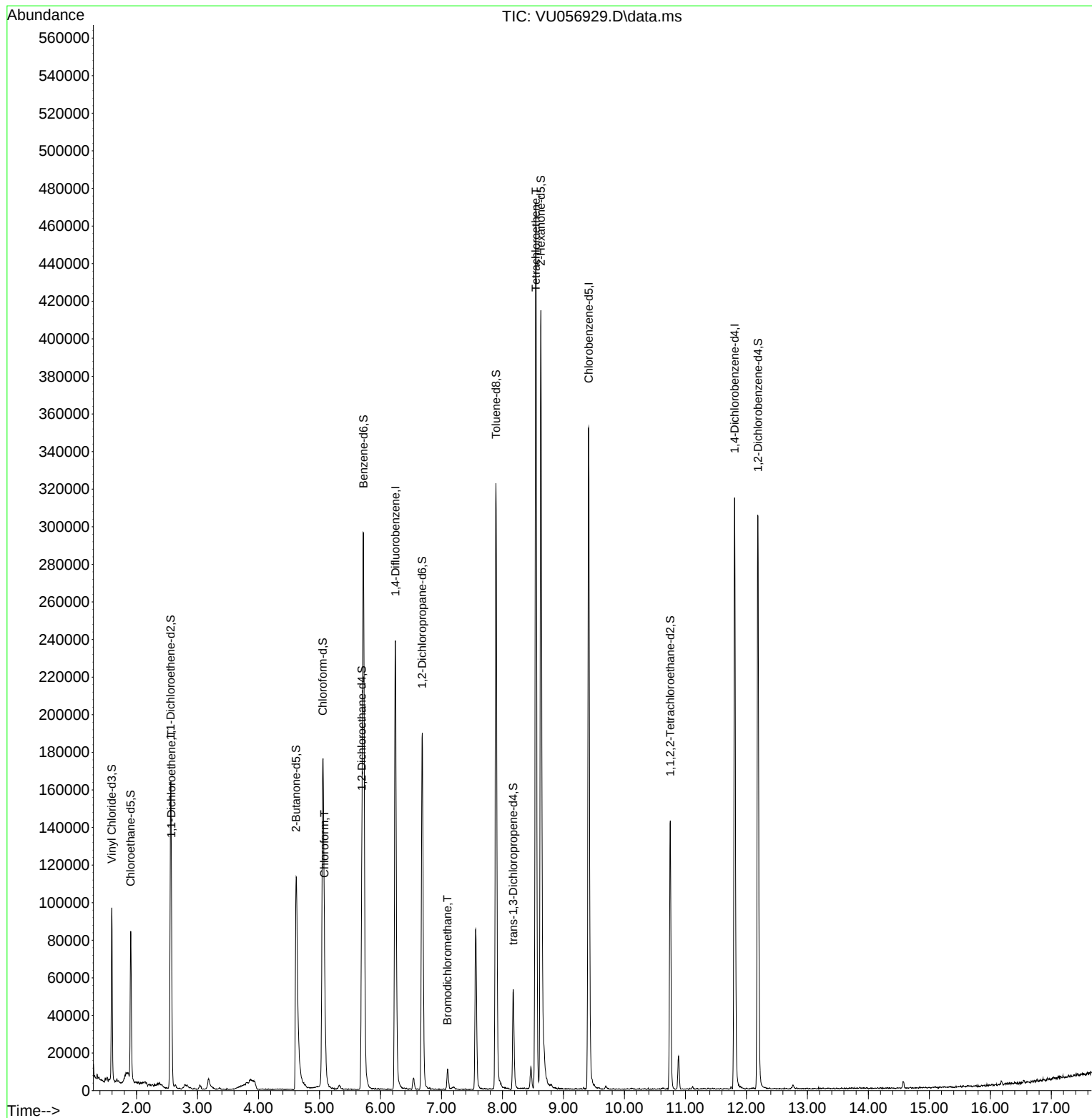
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	195115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	208289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65964	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.904	69	60969	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.560	65	30877	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.618	46	181078	54.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.640%
24) Chloroform-d	5.055	84	158798	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	79271	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.721	84	284307	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	94717	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	222749	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	32744	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	135922	45.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73785	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	83606	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	7922	0.500	ug/L	# 1
25) Chloroform	5.081	83	40582	1.254	ug/L	98
38) Bromodichloromethane	7.100	83	7792	0.326	ug/L	96
47) Tetrachloroethene	8.547	164	104398	7.429	ug/L	93

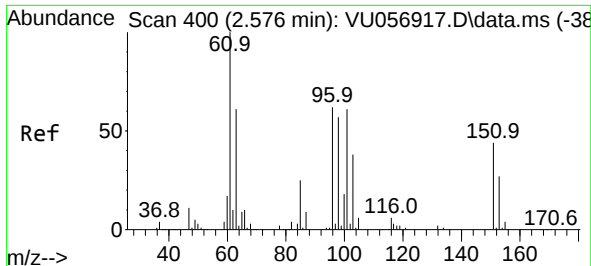
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.500 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

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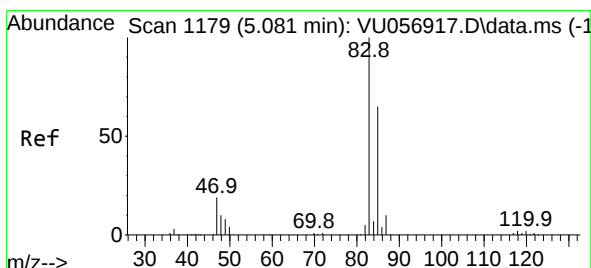
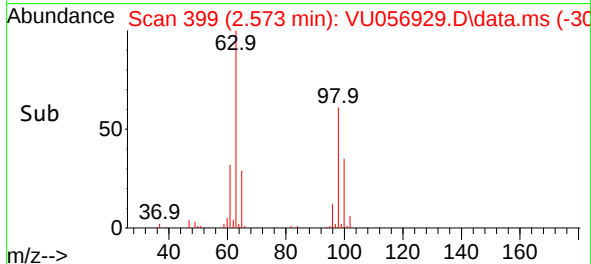
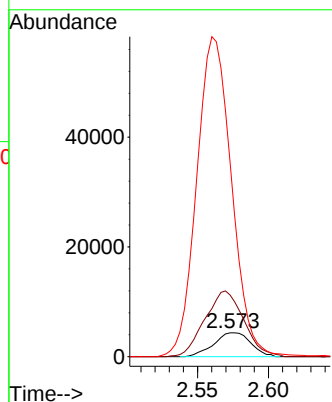
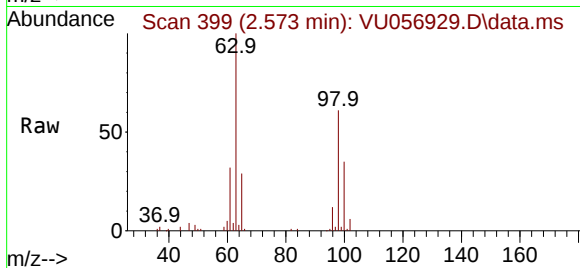
Tgt Ion: 96 Resp: 7922

Ion Ratio Lower Upper

96 100

61 258.7 119.0 221.0#

63 814.7 88.7 164.7#



#25

Chloroform

Concen: 1.254 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056929.D

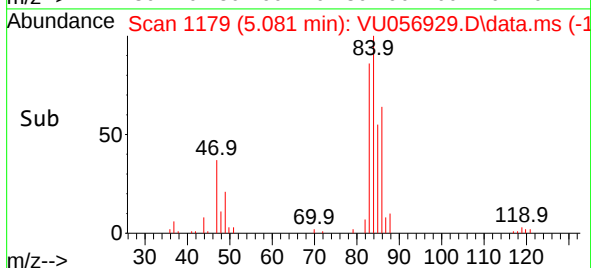
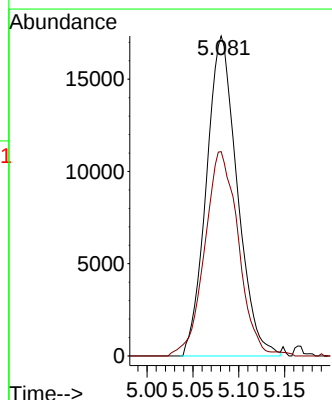
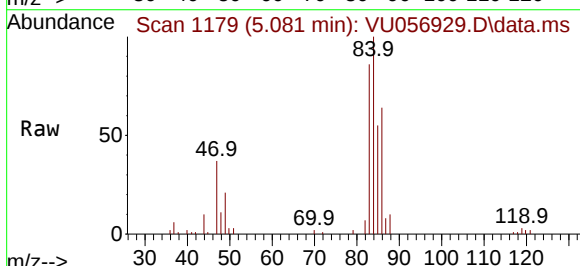
Acq: 16 Dec 2023 16:02

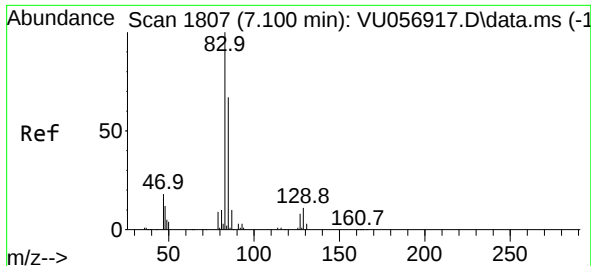
Tgt Ion: 83 Resp: 40582

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0





#38

Bromodichloromethane

Concen: 0.326 ug/L

RT: 7.100 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

F7C53

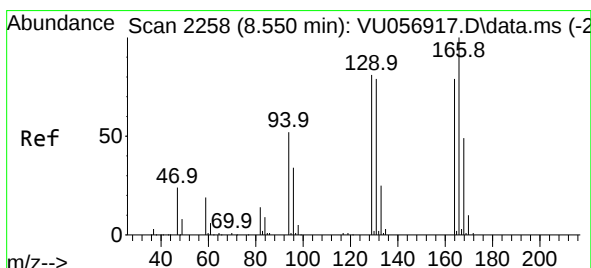
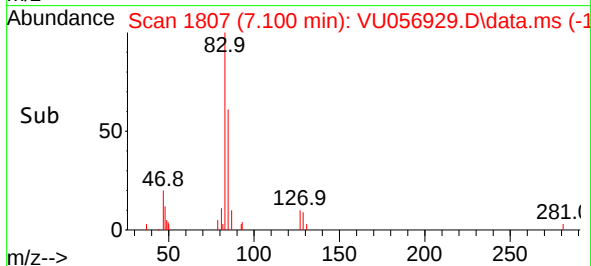
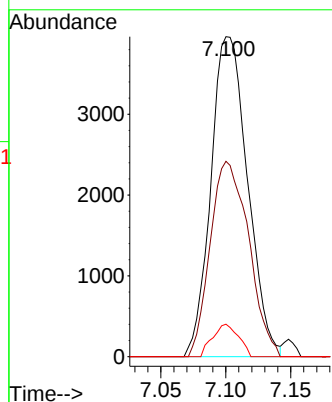
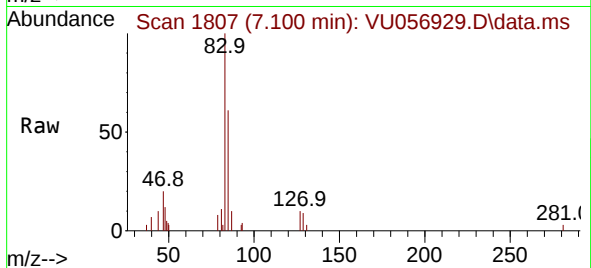
Tgt Ion: 83 Resp: 7792

Ion Ratio Lower Upper

83 100

85 61.0 45.0 83.6

127 10.1 7.0 10.4



#47

Tetrachloroethene

Concen: 7.429 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056929.D

Acq: 16 Dec 2023 16:02

Tgt Ion: 164 Resp: 104398

Ion Ratio Lower Upper

164 100

129 99.8 73.4 136.4

131 95.3 71.5 132.9

166 120.7 92.7 172.1

