

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056870.D
 Acq On : 15 Dec 2023 11:31
 Operator : MD/SY
 Sample : 05675-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6

Quant Time: Dec 15 22:24:43 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)

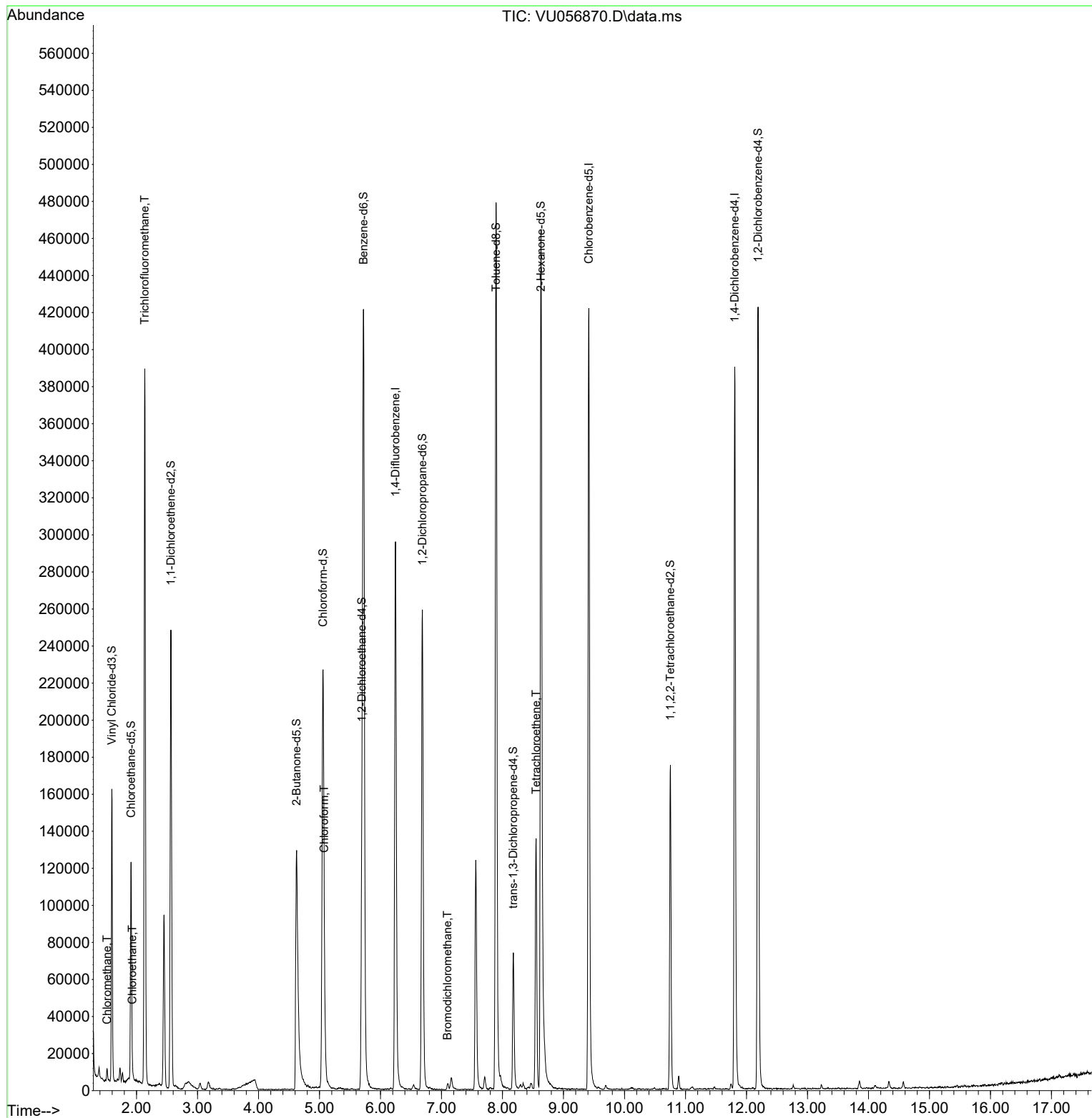
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112264	5.369	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.911	69	88745	5.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.400%		
11) 1,1-Dichloroethene-d2	2.563	65	49378	5.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.400%		
20) 2-Butanone-d5	4.624	46	215521	52.194	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.380%		
24) Chloroform-d	5.055	84	214050	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4	5.695	65	100072	5.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
32) Benzene-d6	5.721	84	411808	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.685	67	128219	5.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.800%		
41) Toluene-d8	7.894	98	339672	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.200%		
43) trans-1,3-Dichloroprop...	8.177	79	43566	4.639	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.800%		
46) 2-Hexanone-d5	8.631	63	163903	46.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.540%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89124	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	111945	5.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.518	50	4783	0.190	ug/L #	66
8) Chloroethane	1.930	64	2123	0.145	ug/L	87
9) Trichlorofluoromethane	2.136	101	251523	7.151	ug/L	99
25) Chloroform	5.078	83	22057	0.545	ug/L	99
38) Bromodichloromethane	7.097	83	2739	0.096	ug/L #	70
47) Tetrachloroethene	8.550	164	29976	1.781	ug/L	92

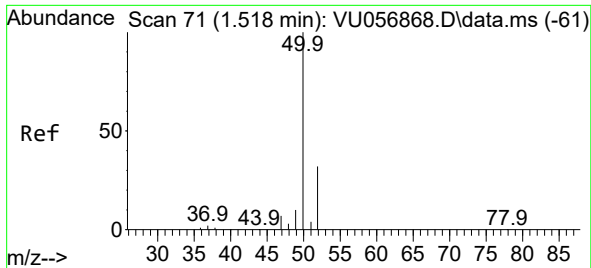
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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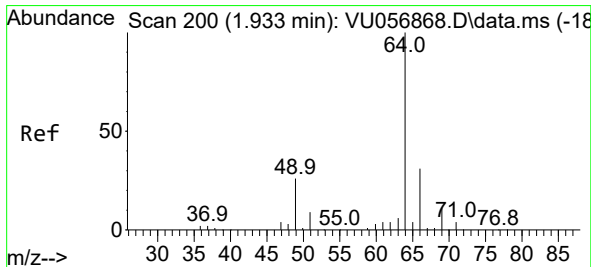
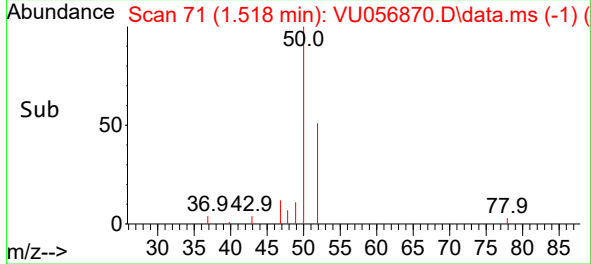
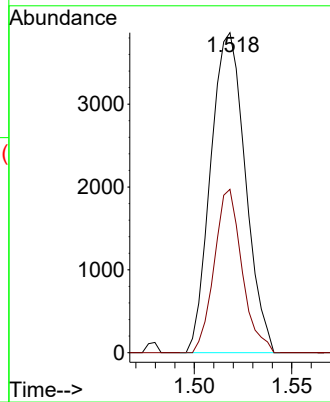
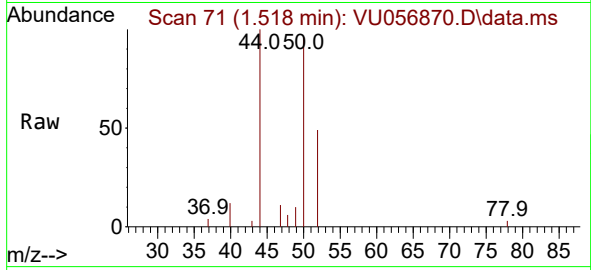




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

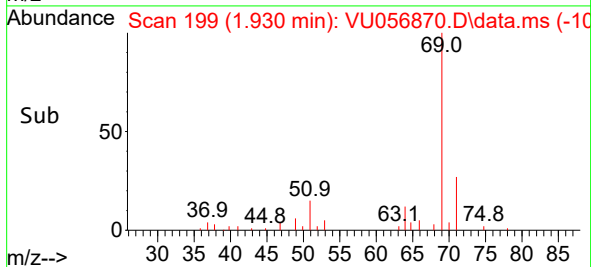
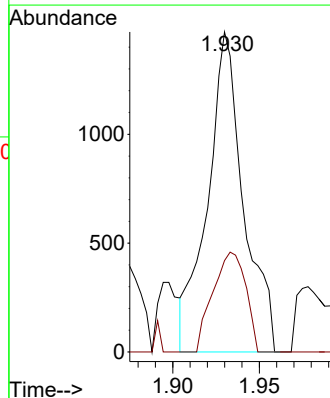
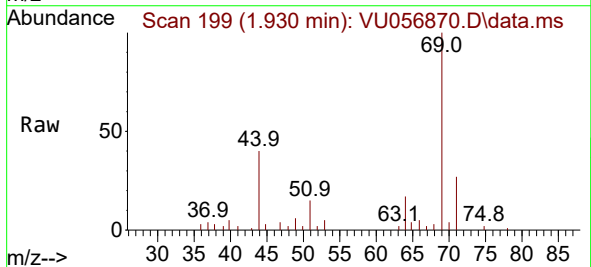
Instrument :
MSVOA_U
ClientSampleId :
H0AB6

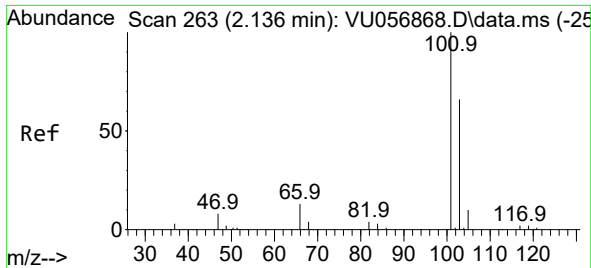
Tgt Ion: 50 Resp: 4783
Ion Ratio Lower Upper
50 100
52 51.1 22.5 41.7#



#8
Chloroethane
Concen: 0.145 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 64 Resp: 2123
Ion Ratio Lower Upper
64 100
66 23.7 21.4 39.8

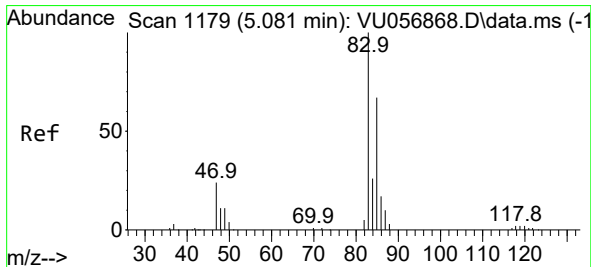
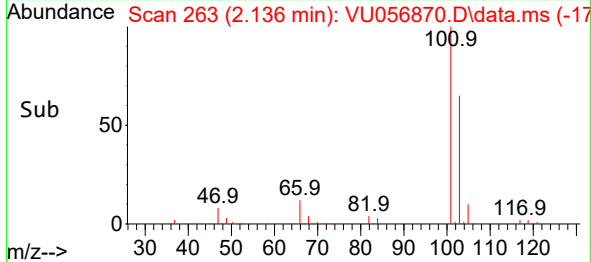
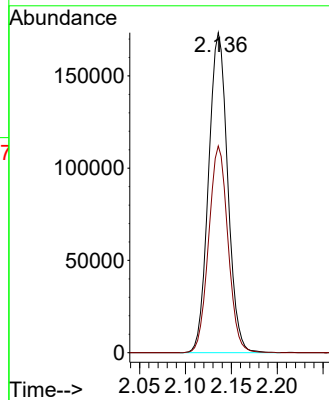
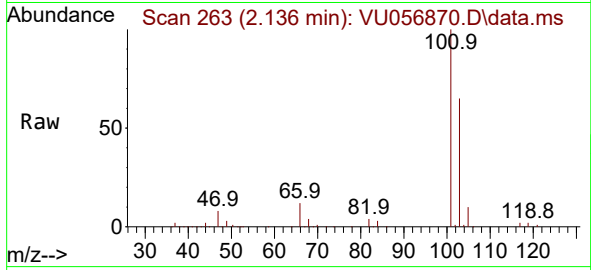




#9
Trichlorofluoromethane
Concen: 7.151 ug/L
RT: 2.136 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

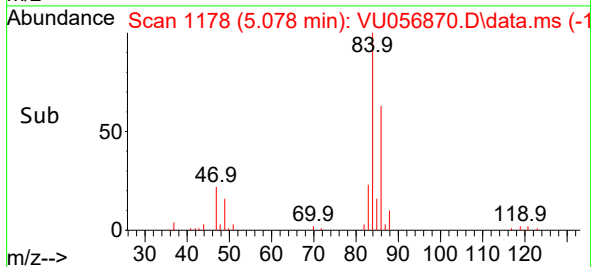
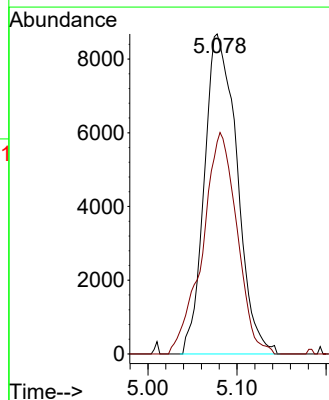
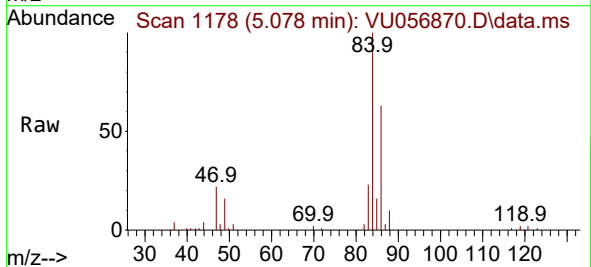
Instrument :
MSVOA_U
ClientSampleId :
H0AB6

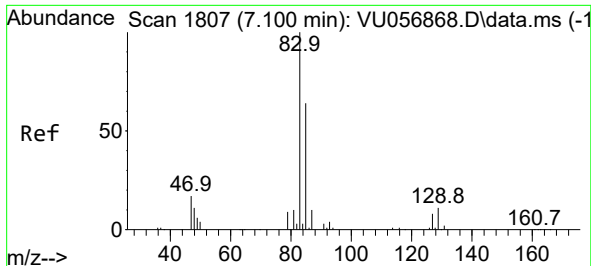
Tgt Ion:101 Resp: 251523
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



#25
Chloroform
Concen: 0.545 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 83 Resp: 22057
Ion Ratio Lower Upper
83 100
85 66.3 45.8 85.0





#38

Bromodichloromethane

Concen: 0.096 ug/L

RT: 7.097 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU056870.D

Acq: 15 Dec 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

H0AB6

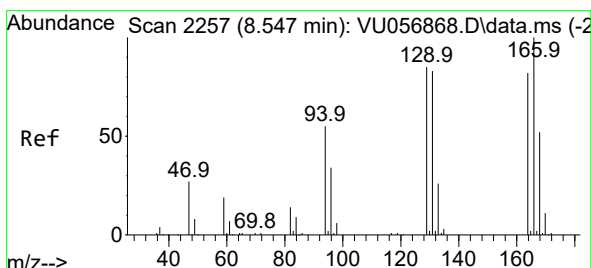
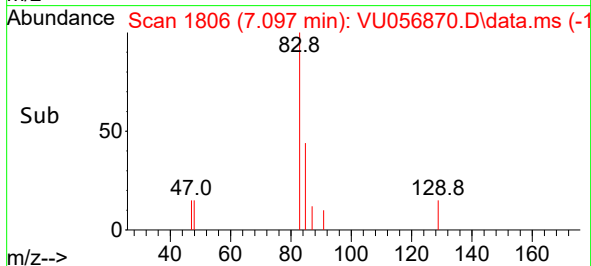
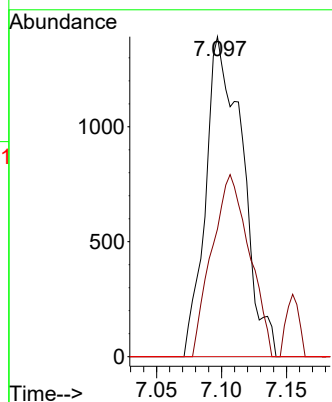
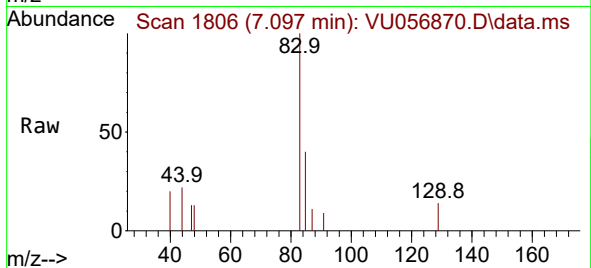
Tgt Ion: 83 Resp: 2739

Ion Ratio Lower Upper

83 100

85 39.9 45.0 83.6#

127 0.0 7.0 10.4#



#47

Tetrachloroethene

Concen: 1.781 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056870.D

Acq: 15 Dec 2023 11:31

Tgt Ion:164 Resp: 29976

Ion Ratio Lower Upper

164 100

129 98.2 73.4 136.4

131 91.6 71.5 132.9

166 124.5 92.7 172.1

