

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056803.D
 Acq On : 12 Dec 2023 23:22
 Operator : MD/SY
 Sample : 05677-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4DL

Quant Time: Dec 13 04:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

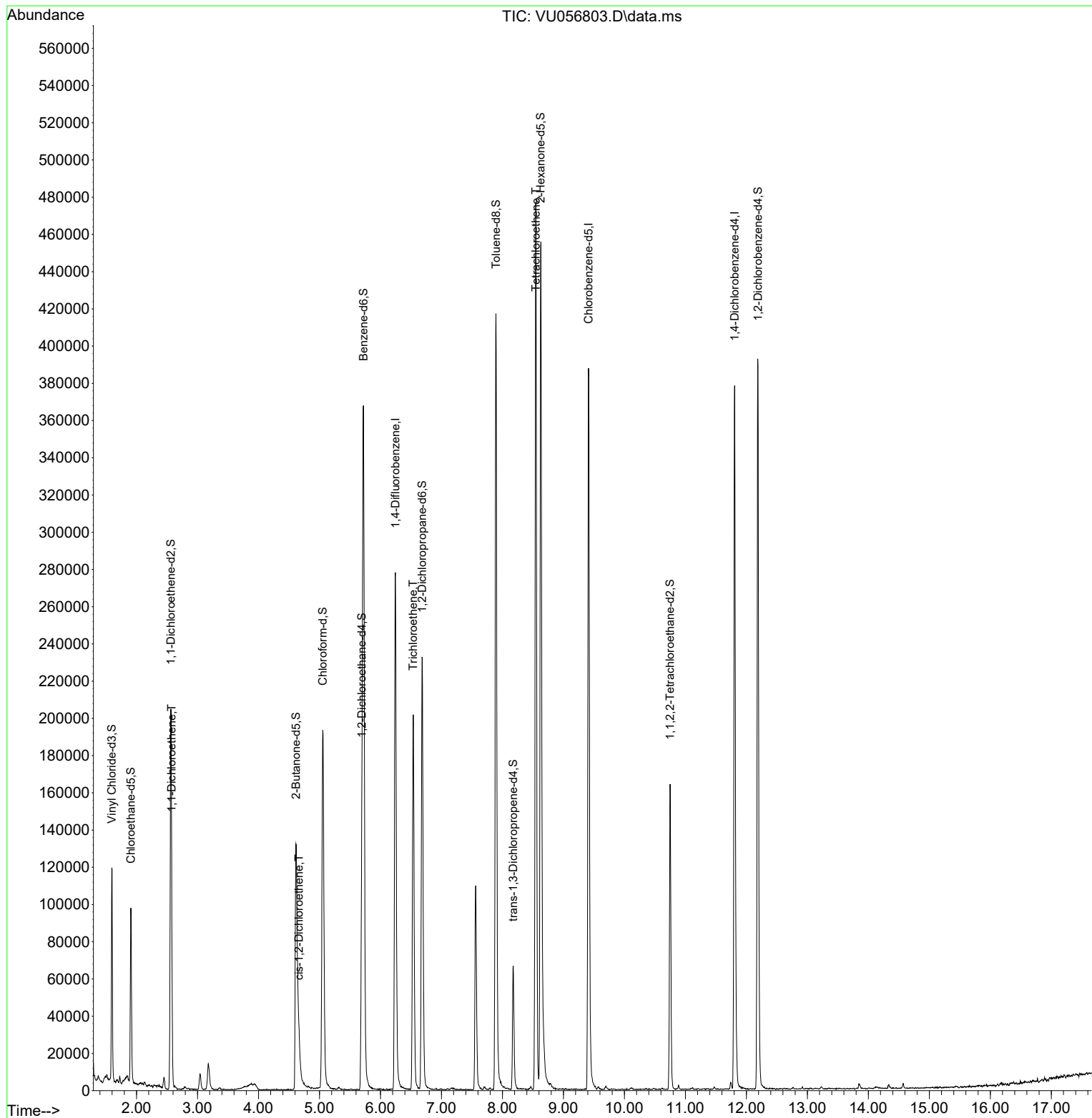
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82420	4.184	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.907	69	70433	4.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.563	65	38401	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.615	46	201987	51.927	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.860%	
24) Chloroform-d	5.055	84	187432	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.695	65	94141	5.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.721	84	356969	4.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.682	67	113690	5.053	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.894	98	291924	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.177	79	41006	4.700	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.627	63	155570	47.276	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.560%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80681	4.956	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	104944	5.227	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	9550	0.512	ug/L	# 1
22) cis-1,2-Dichloroethene	4.663	96	6594	0.320	ug/L	96
34) Trichloroethene	6.537	95	71678	3.208	ug/L	97
47) Tetrachloroethene	8.547	164	102041	6.526	ug/L	99

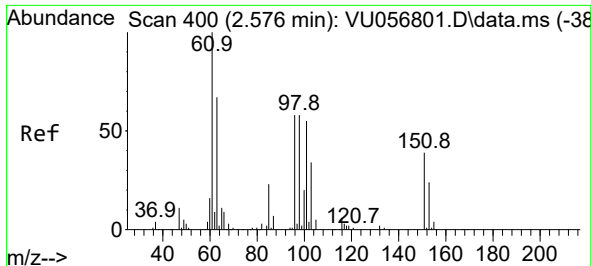
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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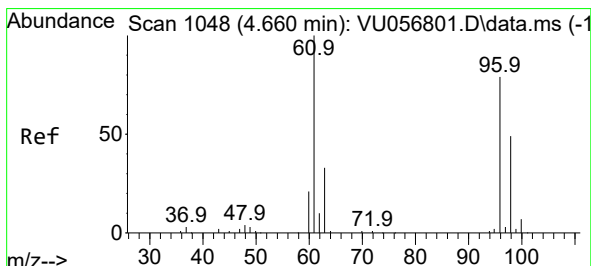
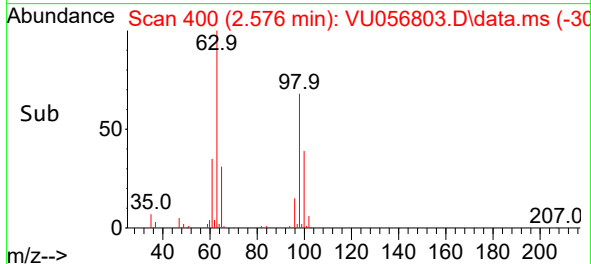
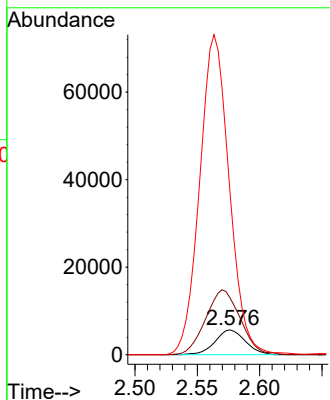
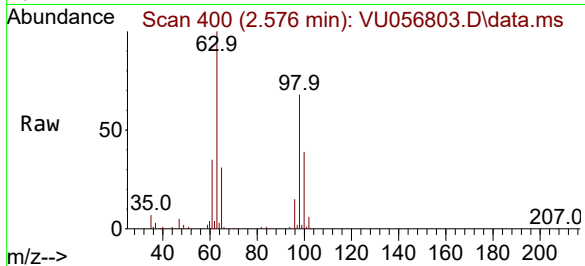




#12
 1,1-Dichloroethene
 Concen: 0.512 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056803.D
 Acq: 12 Dec 2023 23:22

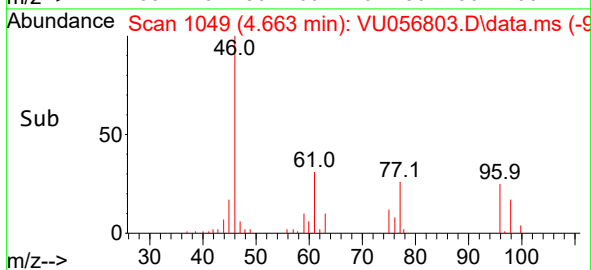
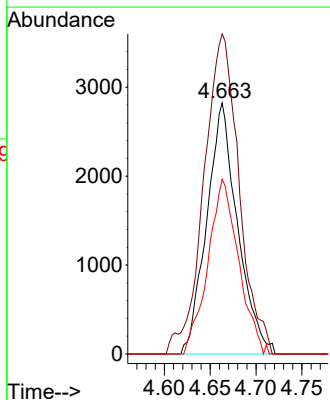
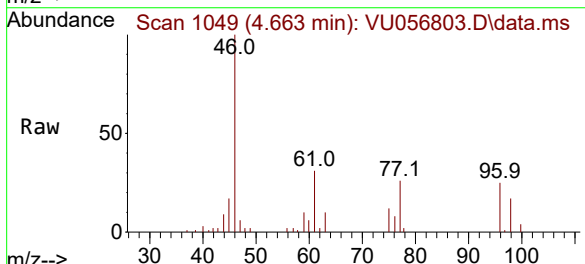
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD4DL

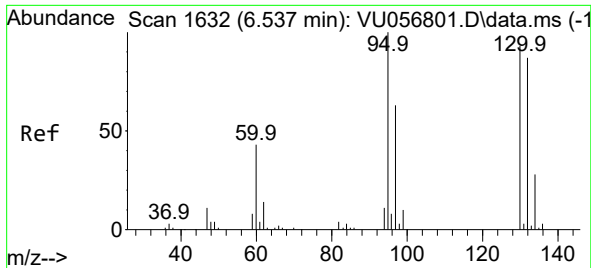
Tgt Ion: 96 Resp: 9550
 Ion Ratio Lower Upper
 96 100
 61 229.3 119.0 221.0#
 63 653.5 88.7 164.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.320 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056803.D
 Acq: 12 Dec 2023 23:22

Tgt Ion: 96 Resp: 6594
 Ion Ratio Lower Upper
 96 100
 61 127.5 91.3 169.6
 98 69.6 44.2 82.0

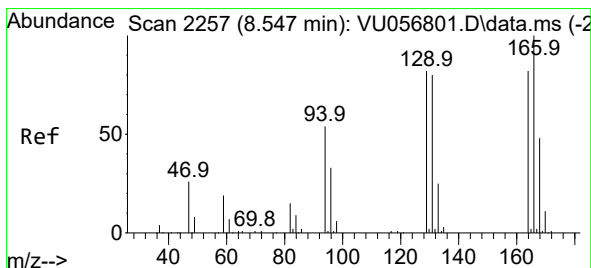
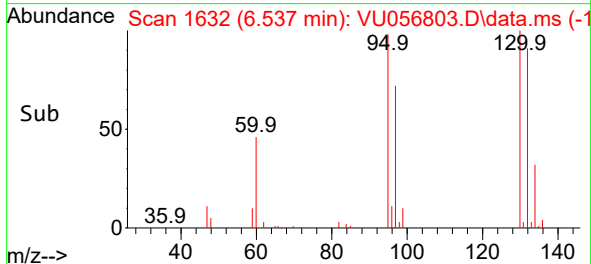
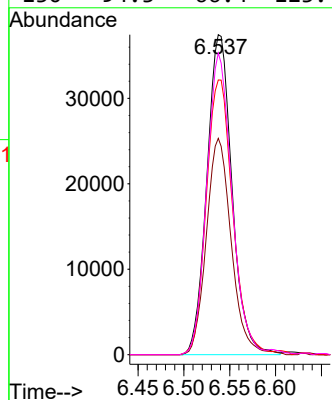
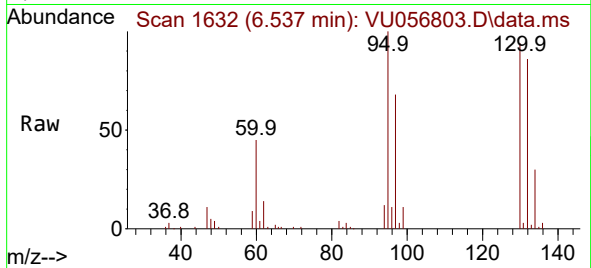




#34
Trichloroethene
Concen: 3.208 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056803.D
Acq: 12 Dec 2023 23:22

Instrument :
MSVOA_U
ClientSampleId :
H0AD4DL

Tgt Ion: 95 Resp: 71678
Ion Ratio Lower Upper
95 100
97 67.6 46.1 85.5
132 85.8 63.6 118.0
130 94.3 66.4 123.4



#47
Tetrachloroethene
Concen: 6.526 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056803.D
Acq: 12 Dec 2023 23:22

Tgt Ion: 164 Resp: 102041
Ion Ratio Lower Upper
164 100
129 106.3 73.4 136.4
131 104.1 71.5 132.9
166 131.4 92.7 172.1

