

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056769.D
 Acq On : 12 Dec 2023 06:37
 Operator : MD/SY
 Sample : 05675-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC2

Quant Time: Dec 12 06:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

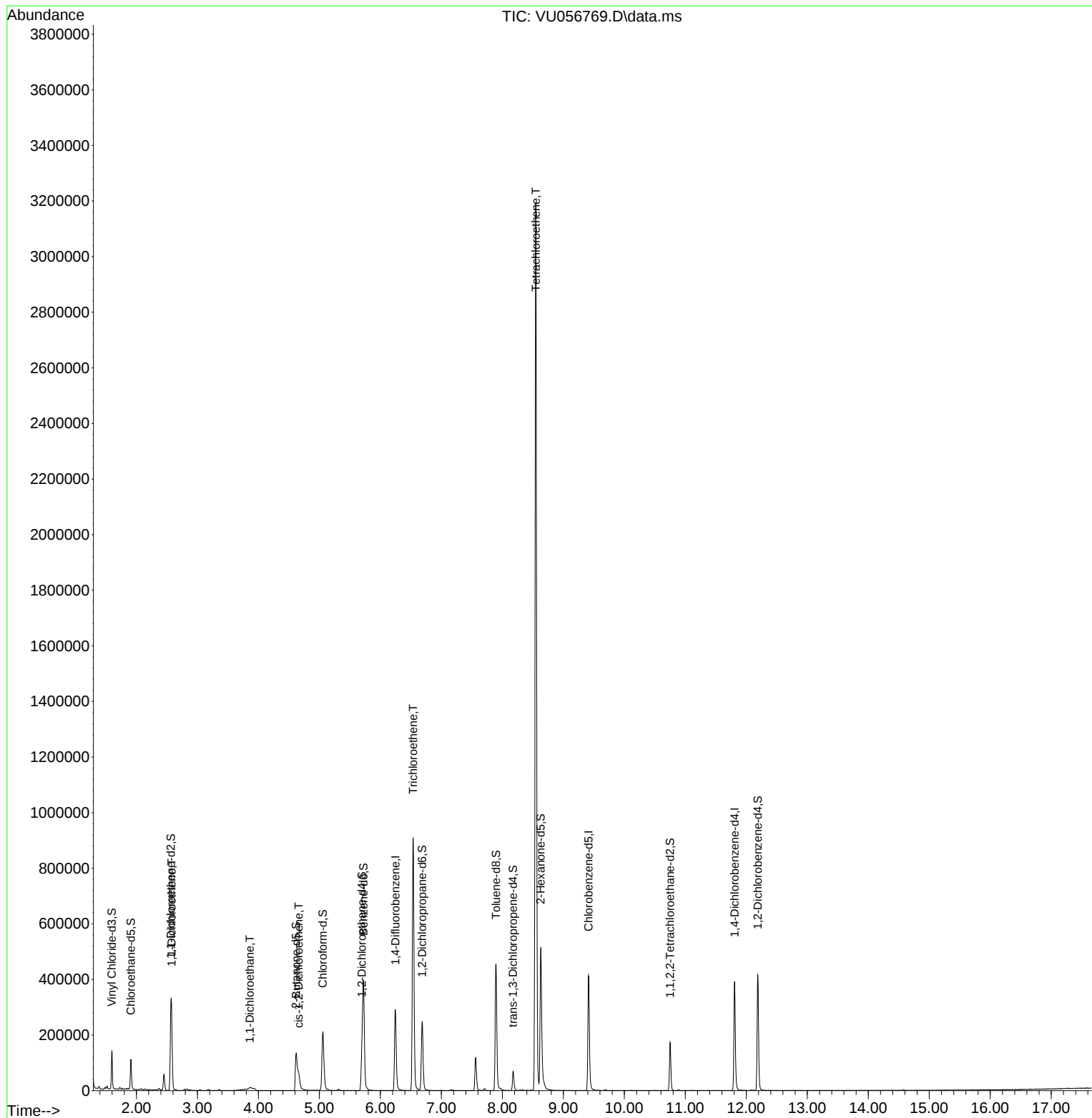
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96290	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.907	69	80367	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.563	65	43041	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.618	46	214767	52.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	5.055	84	198632	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	98392	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	384484	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.685	67	121541	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	324789	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	43724	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	175941	50.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86361	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	109085	5.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	63243	3.226	ug/L	90
19) 1,1-Dichloroethane	3.859	63	6406	0.168	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	21491	0.994	ug/L	97
34) Trichloroethene	6.538	95	324529	13.789	ug/L	99
47) Tetrachloroethene	8.547	164	687978	41.768	ug/L	98

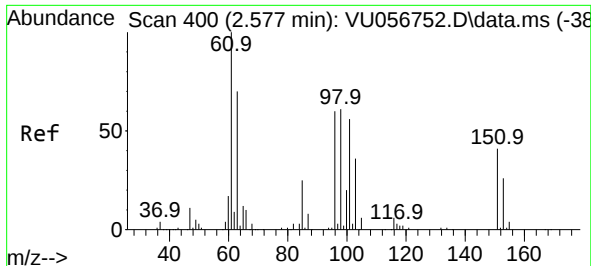
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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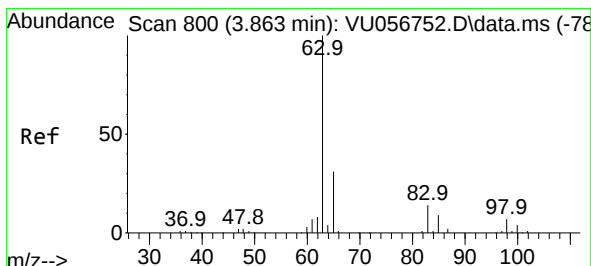
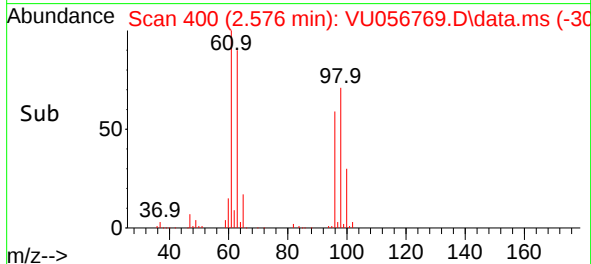
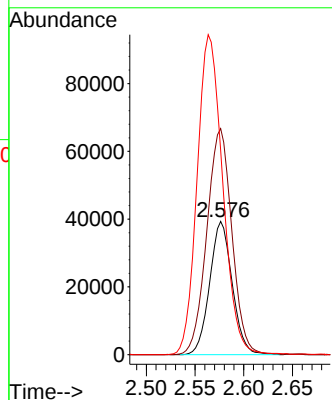
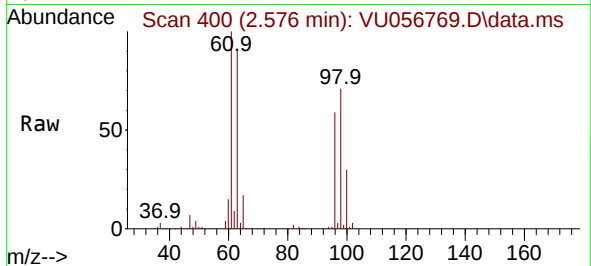




#12
1,1-Dichloroethene
Concen: 3.226 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056769.D
Acq: 12 Dec 2023 06:37

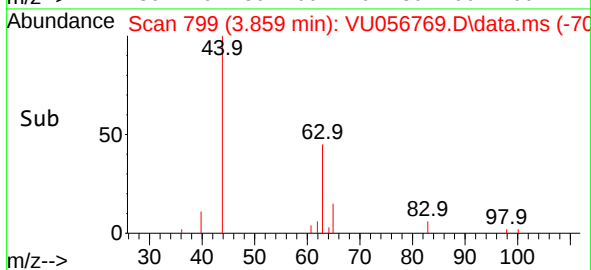
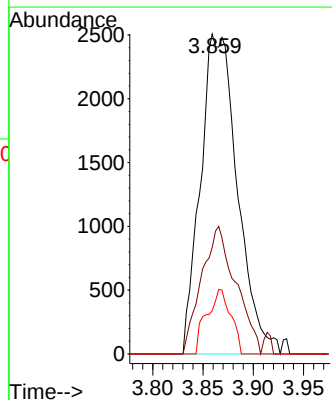
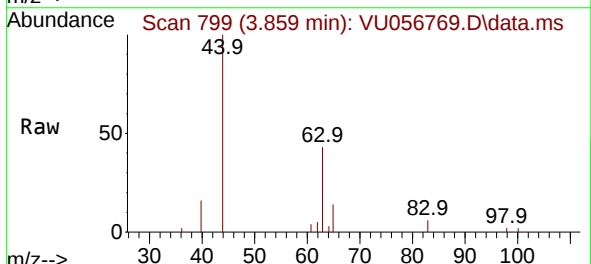
Instrument :
MSVOA_U
ClientSampleId :
H0AC2

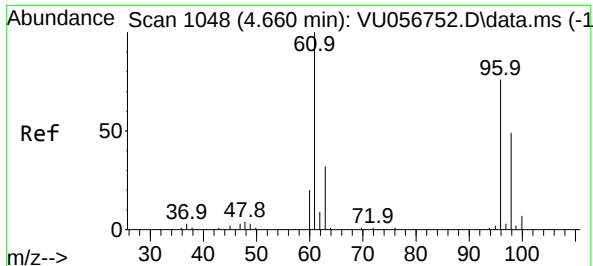
Tgt Ion: 96 Resp: 63243
Ion Ratio Lower Upper
96 100
61 169.7 119.0 221.0
63 153.2 88.7 164.7



#19
1,1-Dichloroethane
Concen: 0.168 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.004 min
Lab File: VU056769.D
Acq: 12 Dec 2023 06:37

Tgt Ion: 63 Resp: 6406
Ion Ratio Lower Upper
63 100
65 33.3 22.9 42.5
83 13.4 10.1 18.9

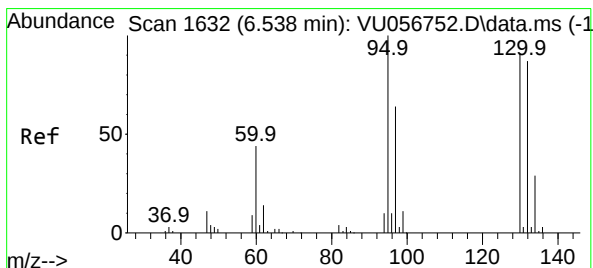
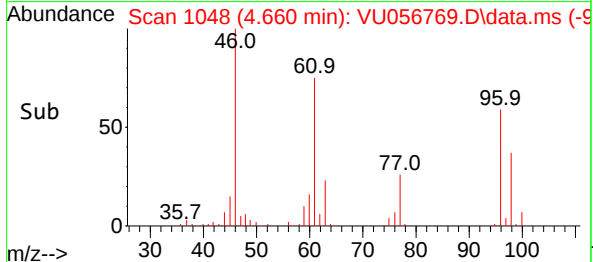
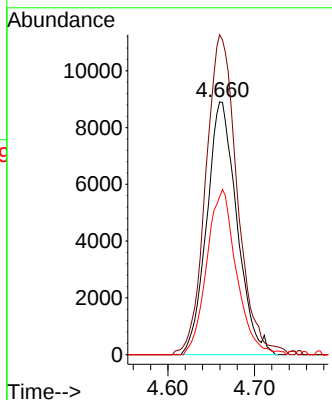
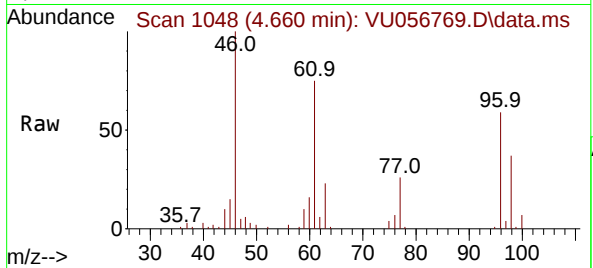




#22
 cis-1,2-Dichloroethene
 Concen: 0.994 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056769.D
 Acq: 12 Dec 2023 06:37

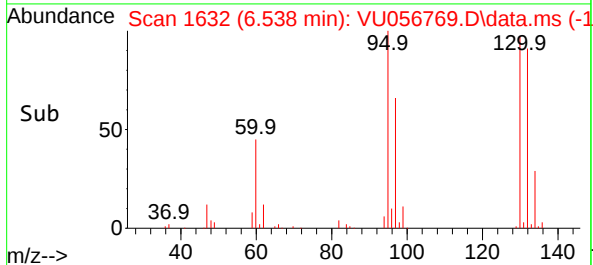
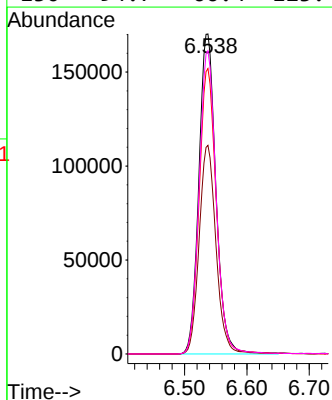
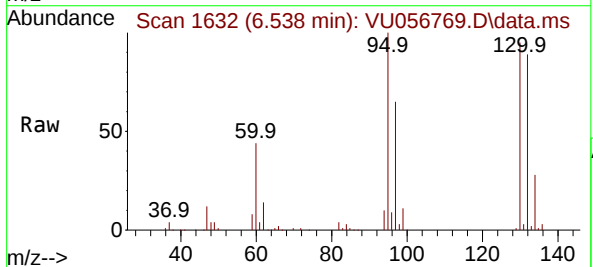
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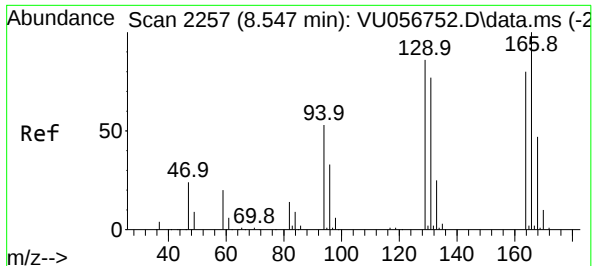
Tgt Ion: 96 Resp: 21491
 Ion Ratio Lower Upper
 96 100
 61 126.6 91.3 169.6
 98 62.5 44.2 82.0



#34
 Trichloroethene
 Concen: 13.789 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056769.D
 Acq: 12 Dec 2023 06:37

Tgt Ion: 95 Resp: 324529
 Ion Ratio Lower Upper
 95 100
 97 65.2 46.1 85.5
 132 89.2 63.6 118.0
 130 94.7 66.4 123.4





#47
 Tetrachloroethene
 Concen: 41.768 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056769.D
 Acq: 12 Dec 2023 06:37

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC2

Tgt Ion:164 Resp: 687978

Ion	Ratio	Lower	Upper
164	100		
129	105.8	73.4	136.4
131	100.6	71.5	132.9
166	128.4	92.7	172.1

