

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056765.D
 Acq On : 12 Dec 2023 05:00
 Operator : MD/SY
 Sample : 05675-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB8

Quant Time: Dec 12 05:49:51 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)

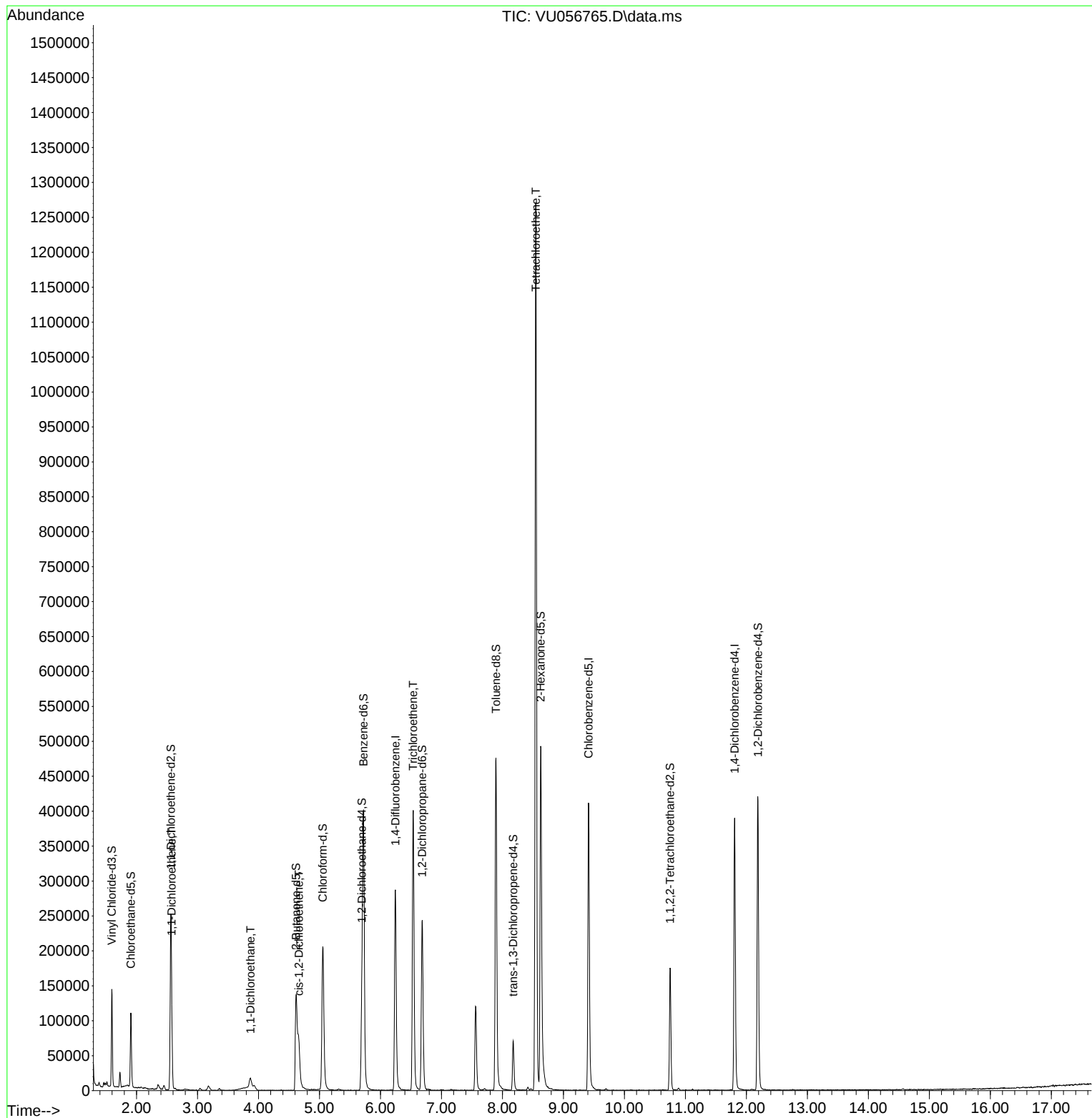
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98175	4.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	80207	5.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.563	65	43218	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.618	46	212538	53.602	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	5.055	84	195749	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	97268	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	383997	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.682	67	122614	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.894	98	336782	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.177	79	42642	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.627	63	169278	50.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88052	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	111822	5.413	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	18412	0.968	ug/L	# 1
19) 1,1-Dichloroethane	3.869	63	15117	0.408	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	28004	1.335	ug/L	97
34) Trichloroethene	6.534	95	145223	6.353	ug/L	96
47) Tetrachloroethene	8.547	164	273950	17.125	ug/L	97

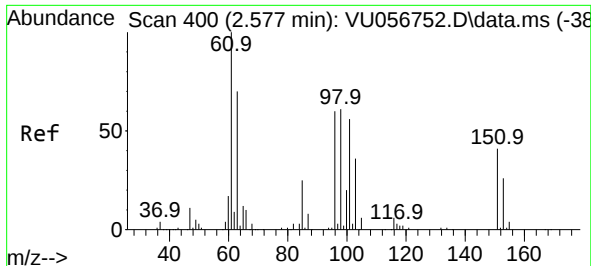
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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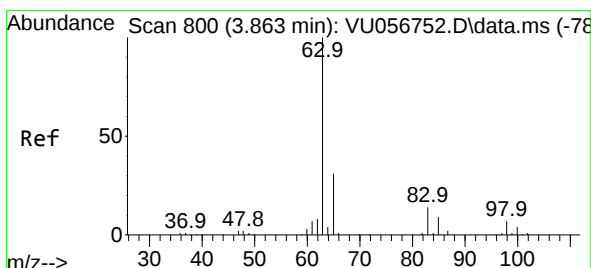
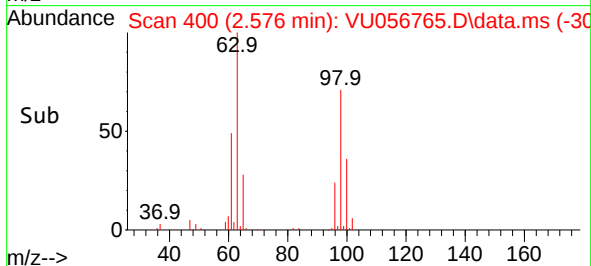
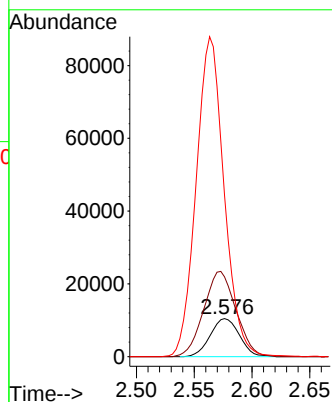
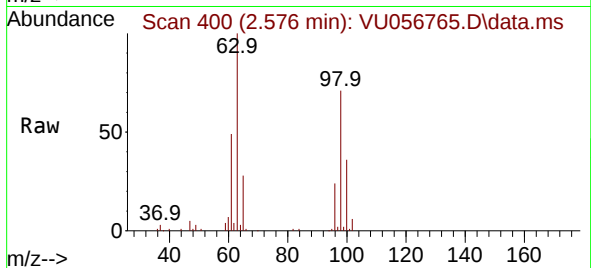




#12
1,1-Dichloroethene
Concen: 0.968 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

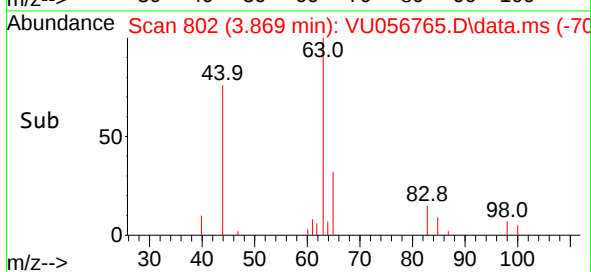
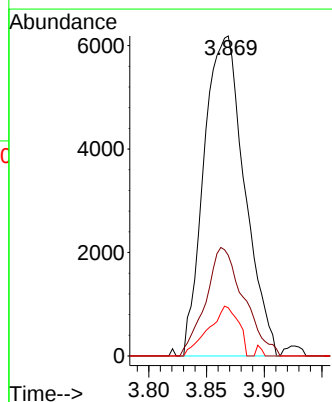
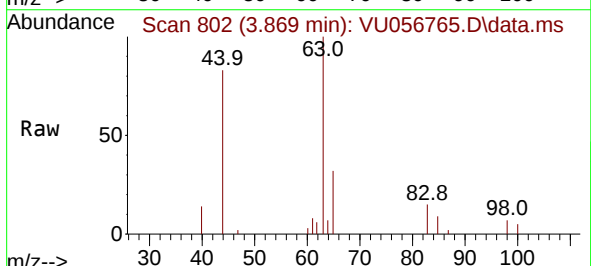
Instrument :
MSVOA_U
ClientSampleId :
H0AB8

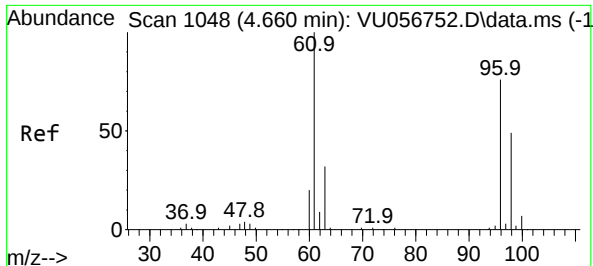
Tgt Ion: 96 Resp: 18412
Ion Ratio Lower Upper
96 100
61 209.6 119.0 221.0
63 423.9 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.408 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056765.D
Acq: 12 Dec 2023 05:00

Tgt Ion: 63 Resp: 15117
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 15.1 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.335 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Instrument :

MSVOA_U

ClientSampleId :

H0AB8

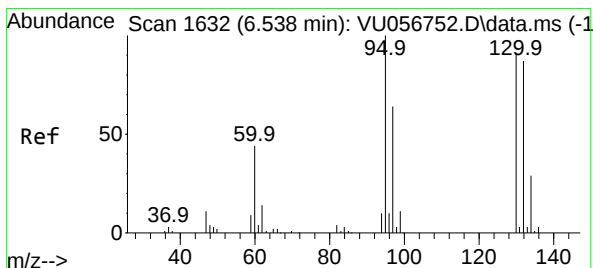
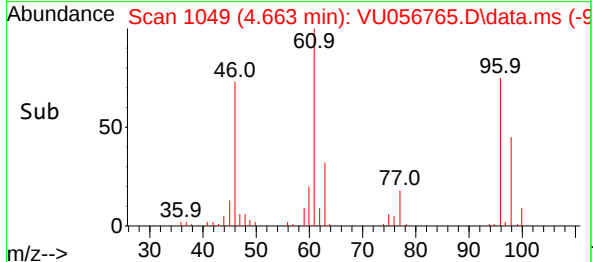
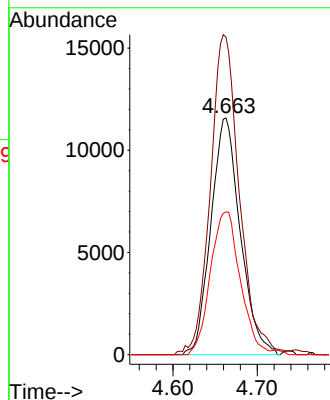
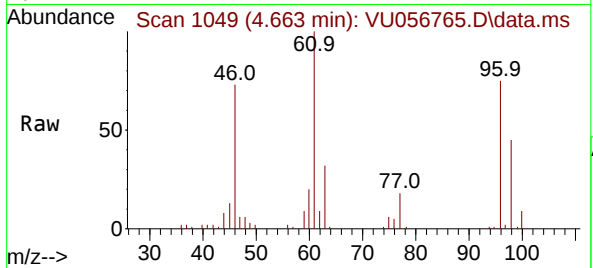
Tgt Ion: 96 Resp: 28004

Ion Ratio Lower Upper

96 100

61 134.2 91.3 169.6

98 60.3 44.2 82.0



#34

Trichloroethene

Concen: 6.353 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.004 min

Lab File: VU056765.D

Acq: 12 Dec 2023 05:00

Tgt Ion: 95 Resp: 145223

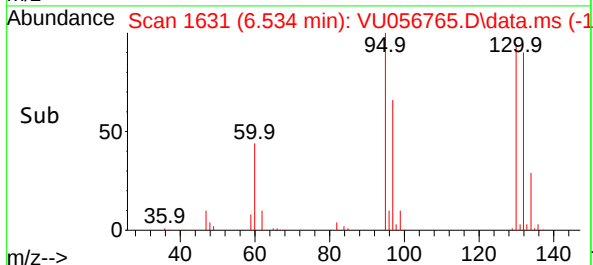
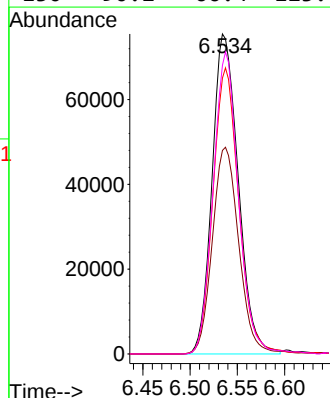
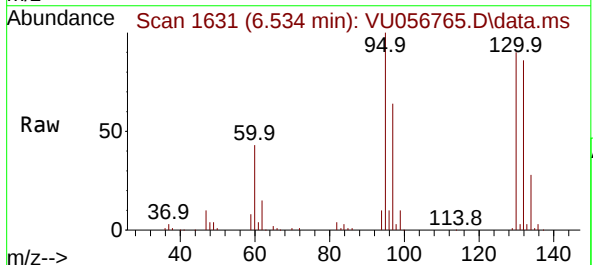
Ion Ratio Lower Upper

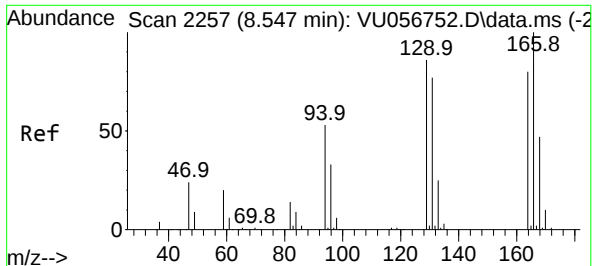
95 100

97 63.6 46.1 85.5

132 86.2 63.6 118.0

130 90.2 66.4 123.4





#47
 Tetrachloroethene
 Concen: 17.125 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056765.D
 Acq: 12 Dec 2023 05:00

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB8

Tgt Ion:164 Resp: 273950

Ion	Ratio	Lower	Upper
164	100		
129	104.6	73.4	136.4
131	97.8	71.5	132.9
166	127.0	92.7	172.1

