

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056764.D
 Acq On : 12 Dec 2023 04:36
 Operator : MD/SY
 Sample : 05675-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB7

Quant Time: Dec 12 05:05:17 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)

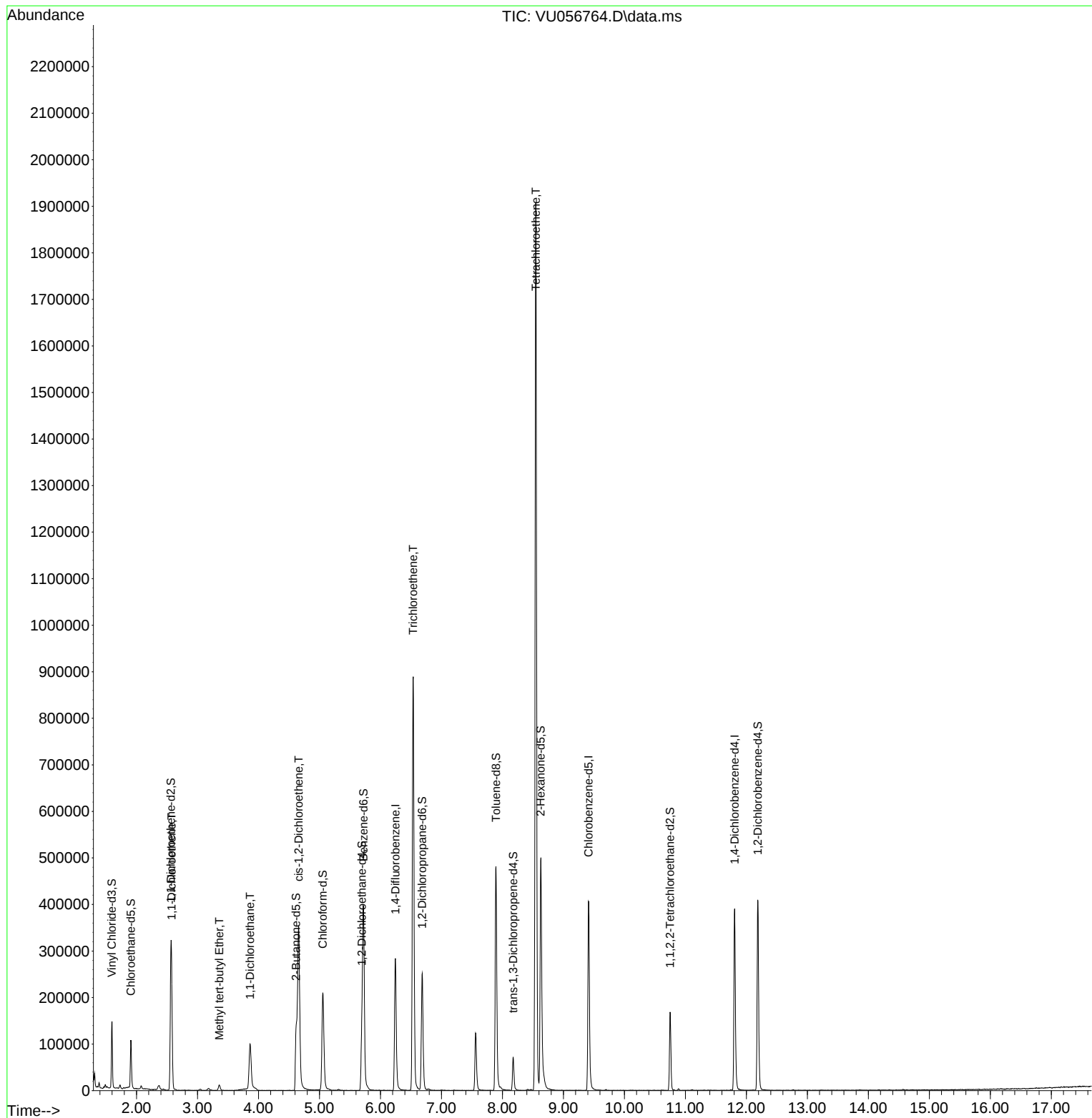
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	236819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99848	4.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.907	69	75318	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	43905	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.618	46	212792	53.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.055	84	198821	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	99148	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.721	84	388591	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.685	67	122299	5.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.894	98	342944	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.177	79	42945	4.817	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	173593	51.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83945	5.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	108240	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	56714	2.962	ug/L	86
17) Methyl tert-butyl Ether	3.357	73	10577	0.249	ug/L	96
19) 1,1-Dichloroethane	3.862	63	112158	3.003	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	178466	8.450	ug/L	100
34) Trichloroethene	6.534	95	324309	14.205	ug/L	97
47) Tetrachloroethene	8.547	164	414069	25.915	ug/L	98

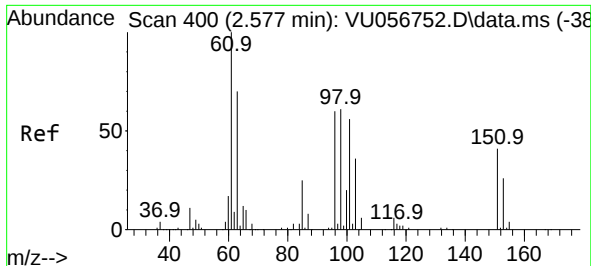
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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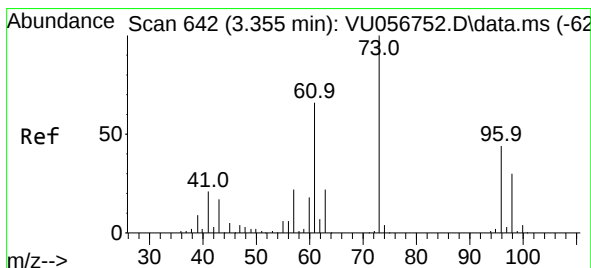
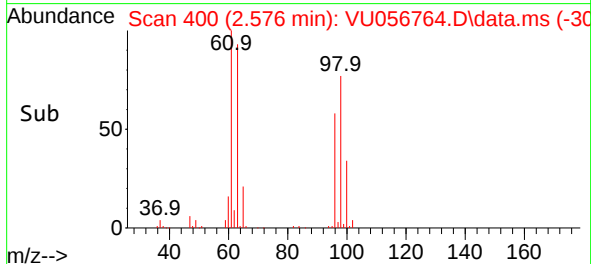
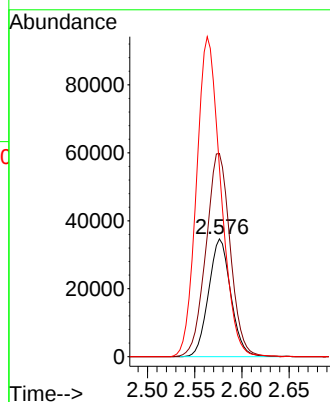
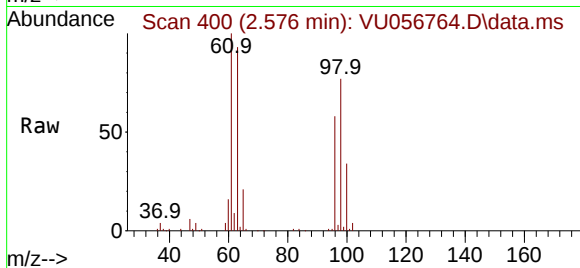




#12
1,1-Dichloroethene
Concen: 2.962 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

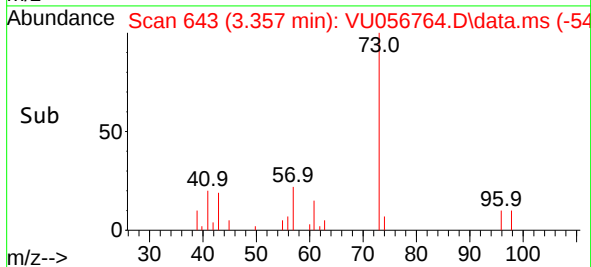
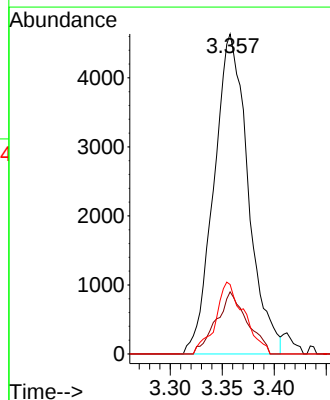
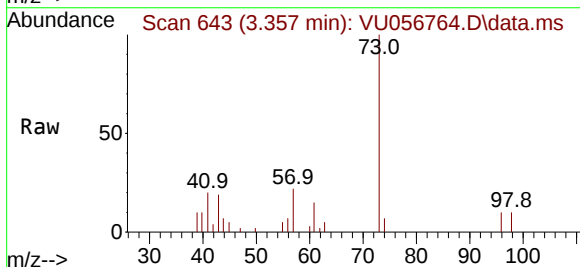
Instrument :
MSVOA_U
ClientSampleId :
H0AB7

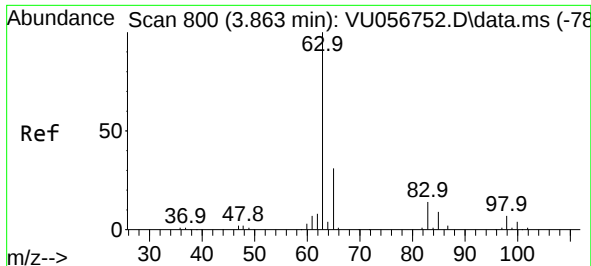
Tgt Ion: 96 Resp: 56714
Ion Ratio Lower Upper
96 100
61 172.7 119.0 221.0
63 161.0 88.7 164.7



#17
Methyl tert-butyl Ether
Concen: 0.249 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU056764.D
Acq: 12 Dec 2023 04:36

Tgt Ion: 73 Resp: 10577
Ion Ratio Lower Upper
73 100
43 17.6 14.4 21.6
57 18.9 17.8 26.8





#19

1,1-Dichloroethane

Concen: 3.003 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056764.D

Acq: 12 Dec 2023 04:36

Instrument :

MSVOA_U

ClientSampleId :

H0AB7

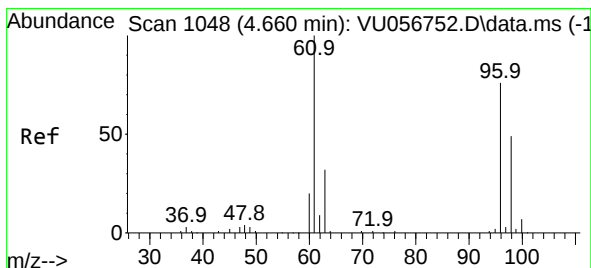
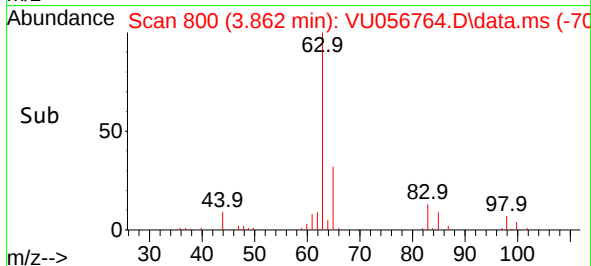
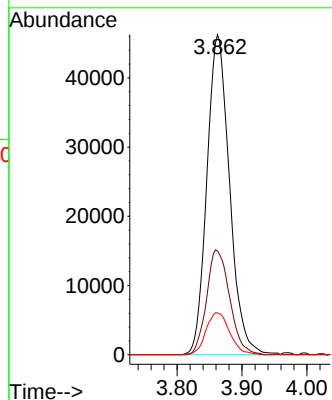
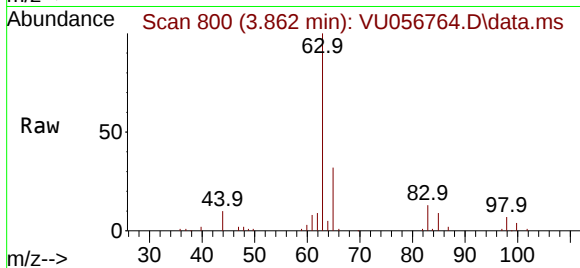
Tgt Ion: 63 Resp: 112158

Ion Ratio Lower Upper

63 100

65 32.4 22.9 42.5

83 13.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 8.450 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056764.D

Acq: 12 Dec 2023 04:36

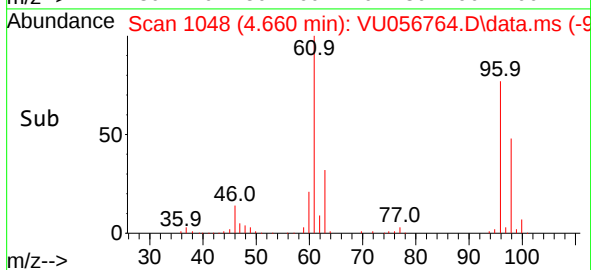
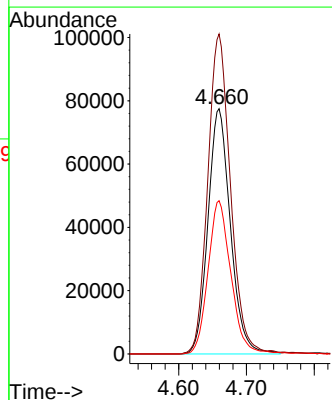
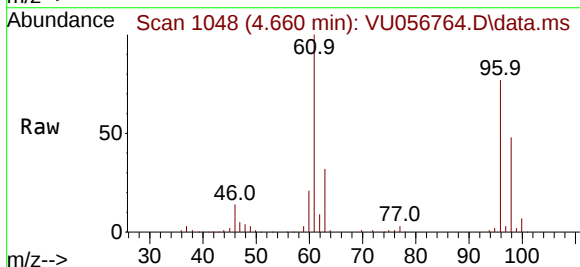
Tgt Ion: 96 Resp: 178466

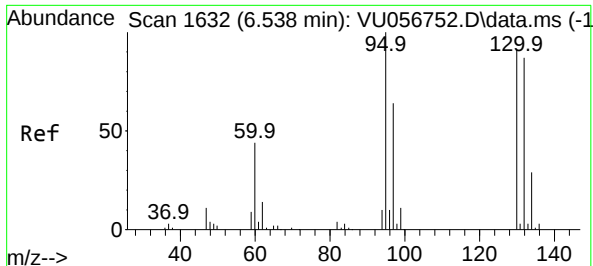
Ion Ratio Lower Upper

96 100

61 130.4 91.3 169.6

98 62.5 44.2 82.0





#34

Trichloroethene

Concen: 14.205 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU056764.D

Acq: 12 Dec 2023 04:36

Instrument :

MSVOA_U

ClientSampleId :

H0AB7

Tgt Ion: 95 Resp: 324309

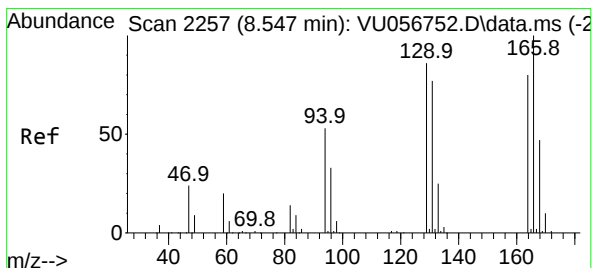
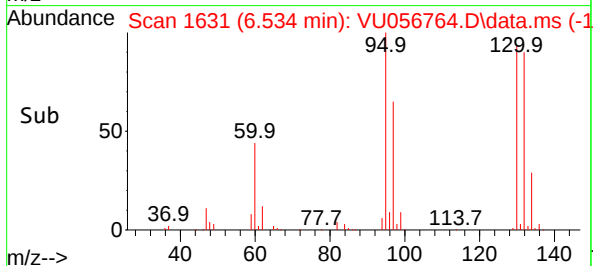
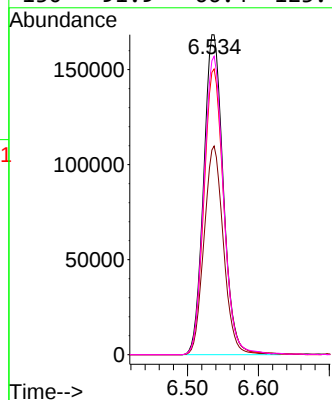
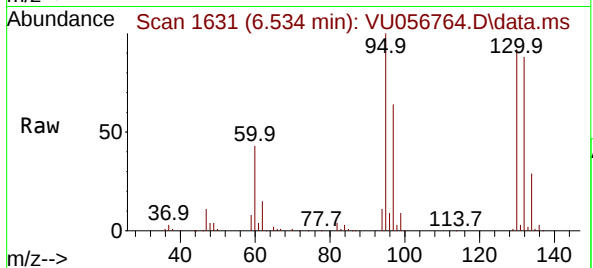
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.5

132 88.2 63.6 118.0

130 91.9 66.4 123.4



#47

Tetrachloroethene

Concen: 25.915 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056764.D

Acq: 12 Dec 2023 04:36

Tgt Ion: 164 Resp: 414069

Ion Ratio Lower Upper

164 100

129 105.3 73.4 136.4

131 101.7 71.5 132.9

166 128.3 92.7 172.1

