

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057097.D
 Acq On : 20 Dec 2023 17:17
 Operator : MD/SY
 Sample : 05866-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C36

Quant Time: Dec 20 23:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

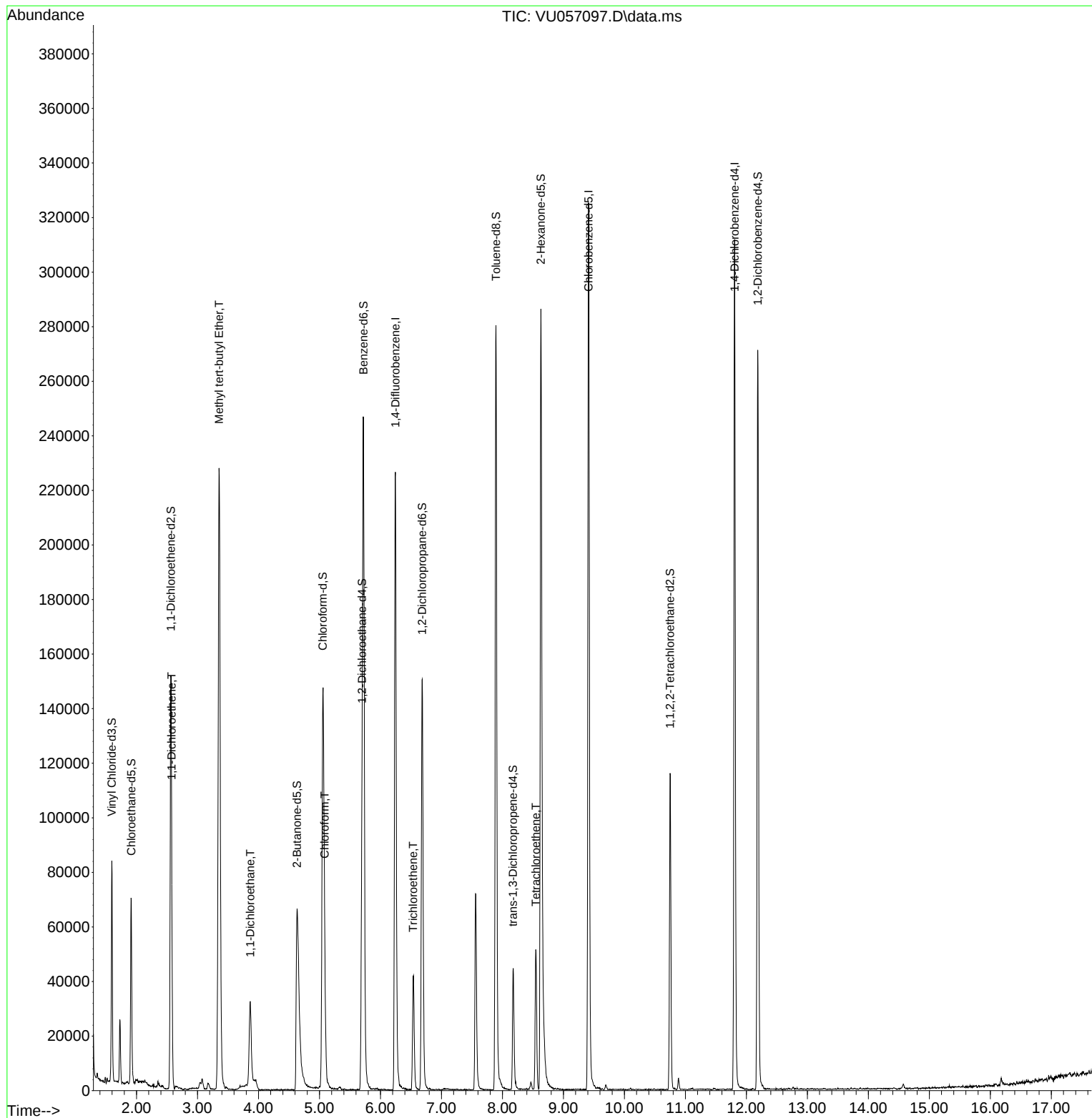
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	183619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	189411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57072	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.914	69	50244	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	26136	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.631	46	131454	42.292	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.580%
24) Chloroform-d	5.055	84	134192	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.698	65	65992	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	231873	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.685	67	72190	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.894	98	196535	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.174	79	28831	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.631	63	101675	37.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56198	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	73189	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	11921	0.800	ug/L	# 1
17) Methyl tert-butyl Ether	3.354	73	265750	8.040	ug/L	97
19) 1,1-Dichloroethane	3.865	63	34293	1.179	ug/L	97
25) Chloroform	5.084	83	37985	1.247	ug/L	95
34) Trichloroethene	6.537	95	15775	0.864	ug/L	95
47) Tetrachloroethene	8.550	164	12100	0.947	ug/L	87

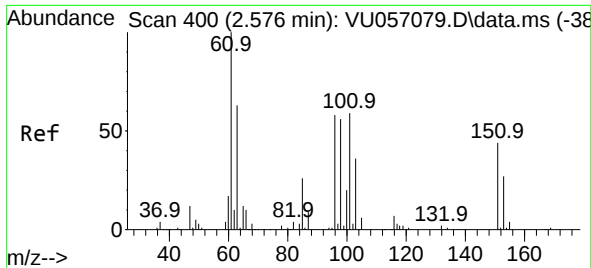
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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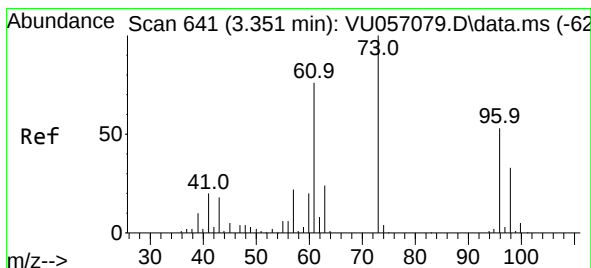
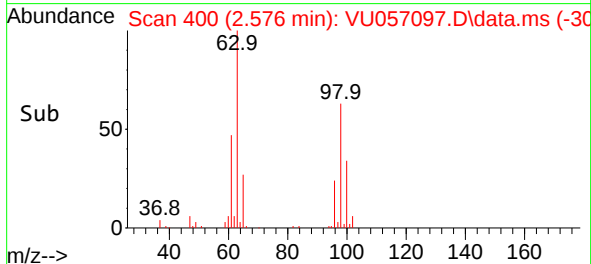
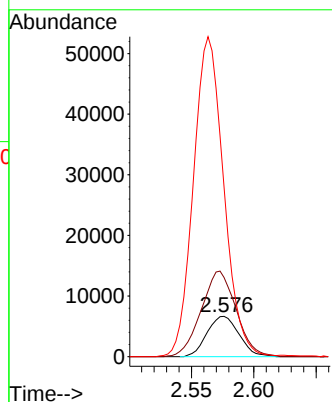
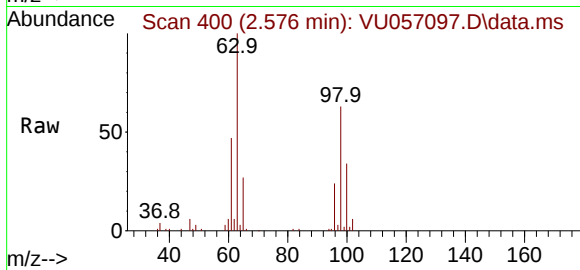




#12
1,1-Dichloroethene
Concen: 0.800 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

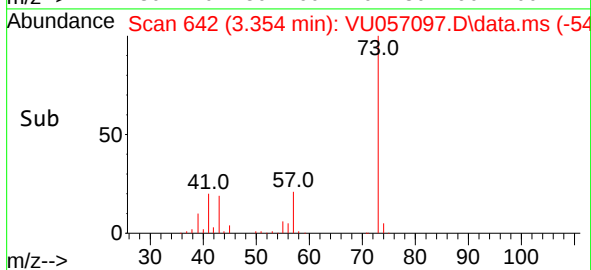
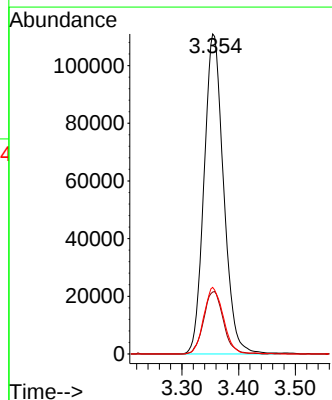
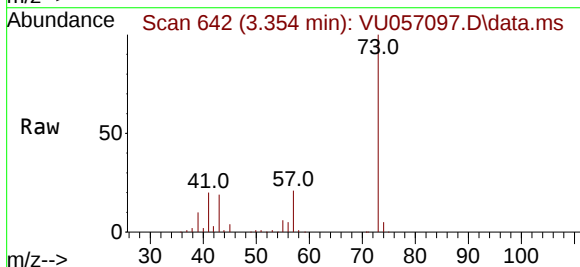
Instrument :
MSVOA_U
ClientSampleId :
F7C36

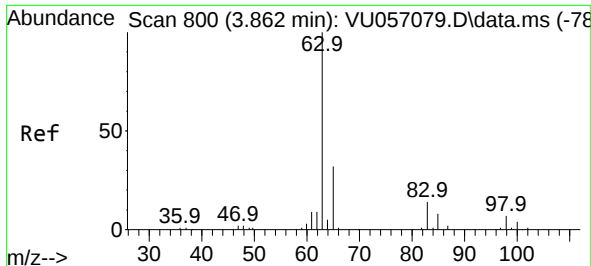
Tgt Ion: 96 Resp: 11921
Ion Ratio Lower Upper
96 100
61 196.6 119.0 221.0
63 421.1 88.7 164.7#



#17
Methyl tert-butyl Ether
Concen: 8.040 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU057097.D
Acq: 20 Dec 2023 17:17

Tgt Ion: 73 Resp: 265750
Ion Ratio Lower Upper
73 100
43 19.6 14.4 21.6
57 20.8 17.8 26.8





#19

1,1-Dichloroethane

Concen: 1.179 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :

F7C36

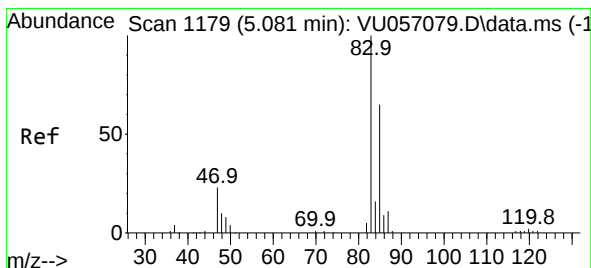
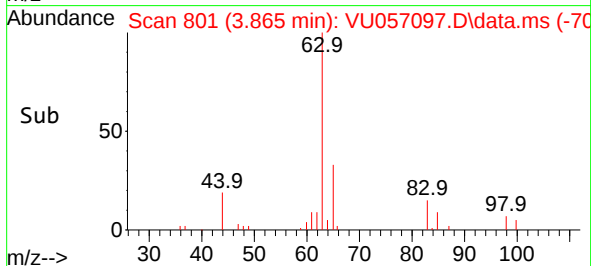
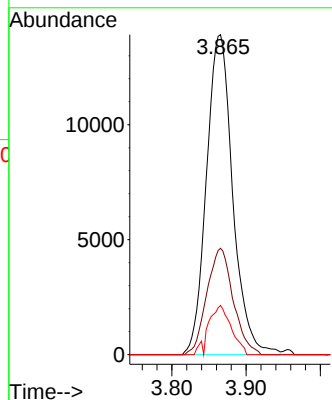
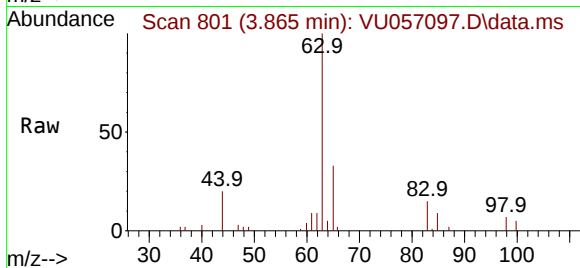
Tgt Ion: 63 Resp: 34293

Ion Ratio Lower Upper

63 100

65 34.8 22.9 42.5

83 15.4 10.1 18.9



#25

Chloroform

Concen: 1.247 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU057097.D

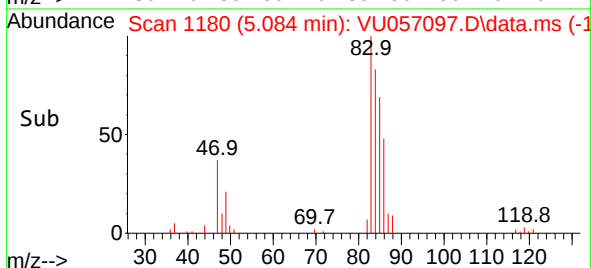
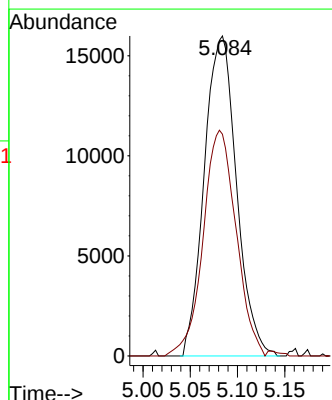
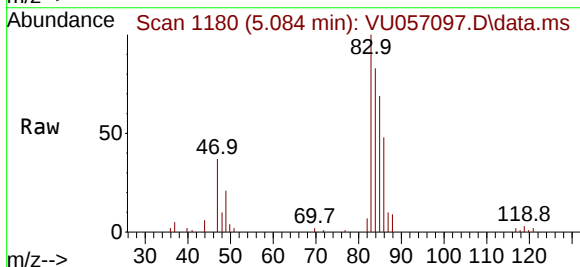
Acq: 20 Dec 2023 17:17

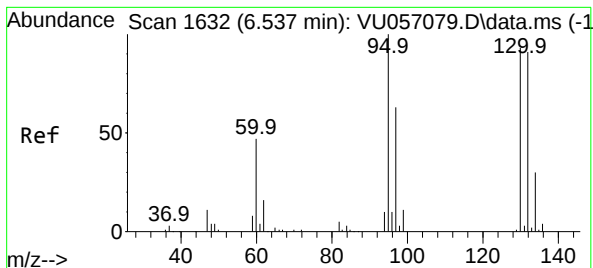
Tgt Ion: 83 Resp: 37985

Ion Ratio Lower Upper

83 100

85 69.3 45.8 85.0





#34

Trichloroethene

Concen: 0.864 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :

F7C36

Tgt Ion: 95 Resp: 15775

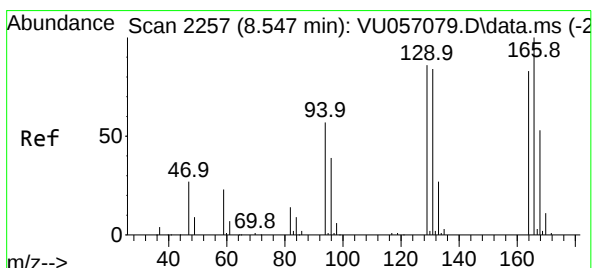
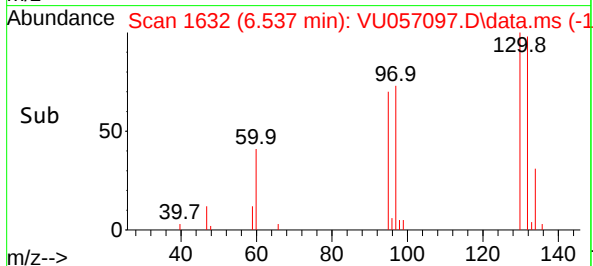
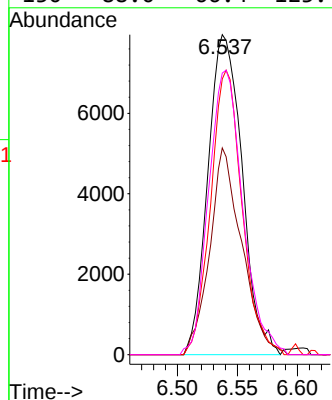
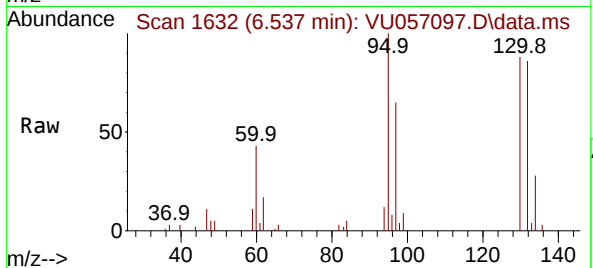
Ion Ratio Lower Upper

95 100

97 64.6 46.1 85.5

132 86.2 63.6 118.0

130 88.0 66.4 123.4



#47

Tetrachloroethene

Concen: 0.947 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU057097.D

Acq: 20 Dec 2023 17:17

Tgt Ion: 164 Resp: 12100

Ion Ratio Lower Upper

164 100

129 85.1 73.4 136.4

131 89.3 71.5 132.9

166 123.2 92.7 172.1

