

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055510.D
 Acq On : 26 Sep 2023 12:11
 Operator : MD/SY
 Sample : 04579-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHZ4

Quant Time: Sep 27 04:47:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

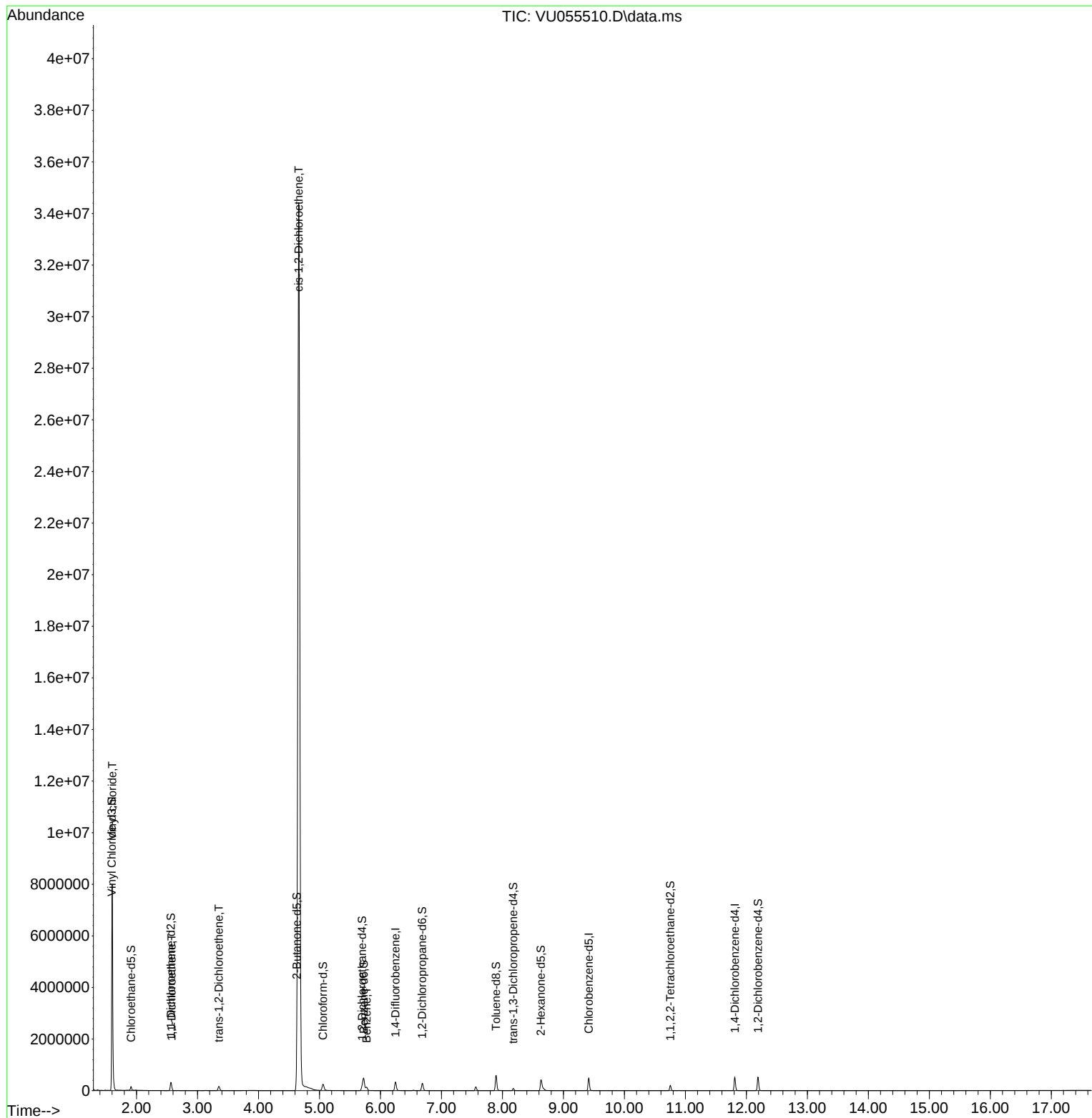
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	283245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	283298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	140058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	178666	6.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.800%	
7) Chloroethane-d5	1.911	69	100696	3.991	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.563	65	54665	4.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.628	46	242982	46.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.980%	
24) Chloroform-d	5.058	84	234938	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.698	65	110768	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.724	84	480268	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.685	67	146964	4.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.894	98	415319	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.177	79	51521	4.959	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.200%	
46) 2-Hexanone-d5	8.631	63	140701	44.521	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.040%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105070	4.735	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	141718	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5598272	213.902	ug/L	100
12) 1,1-Dichloroethene	2.576	96	18222	0.920	ug/L	# 1
18) trans-1,2-Dichloroethene	3.351	96	72926	3.653	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	19166516	828.210	ug/L	86
33) Benzene	5.772	78	133471	1.637	ug/L	100

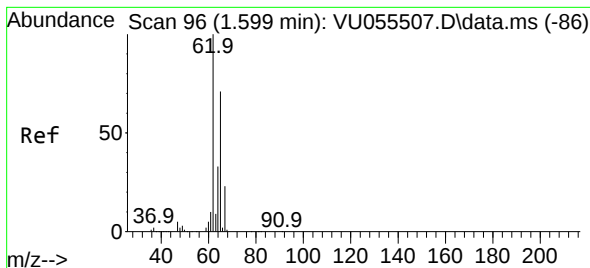
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 213.902 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

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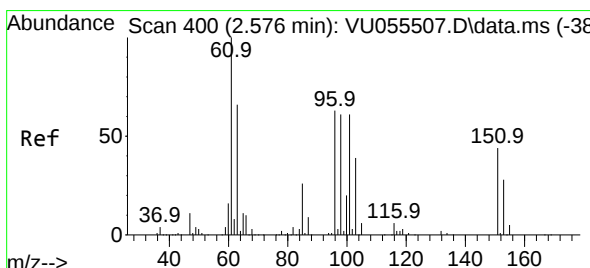
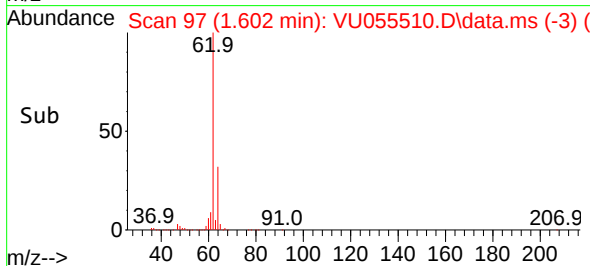
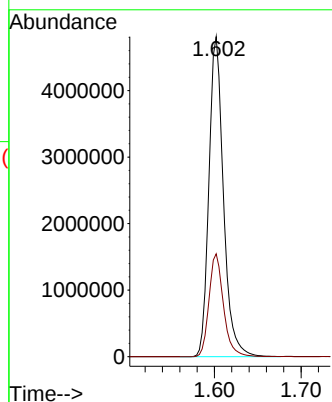
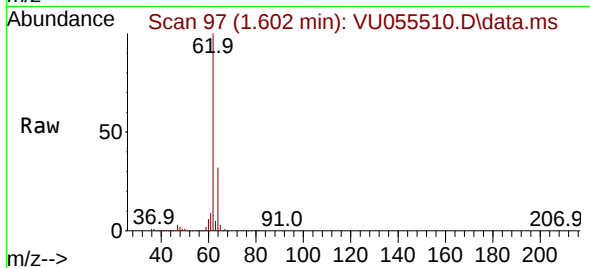
EYHZ4

Tgt Ion: 62 Resp: 5598272

Ion Ratio Lower Upper

62 100

64 32.2 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.920 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055510.D

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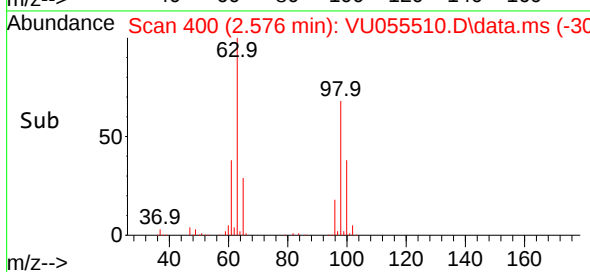
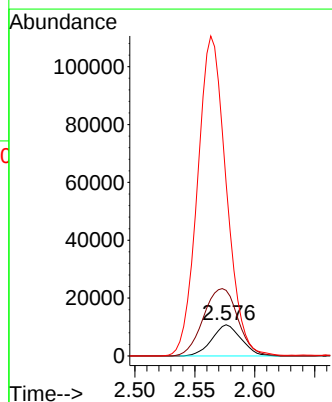
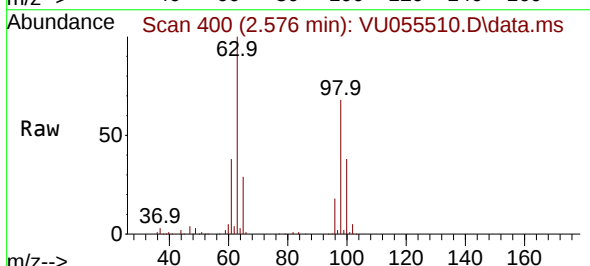
Tgt Ion: 96 Resp: 18222

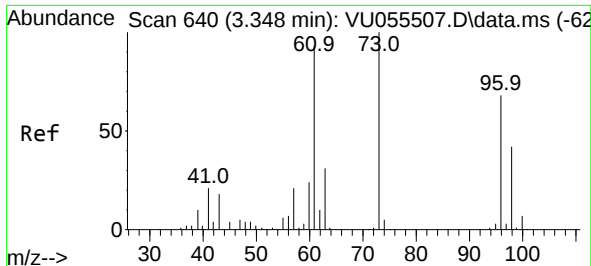
Ion Ratio Lower Upper

96 100

61 210.5 114.5 212.7

63 554.3 98.3 182.5#

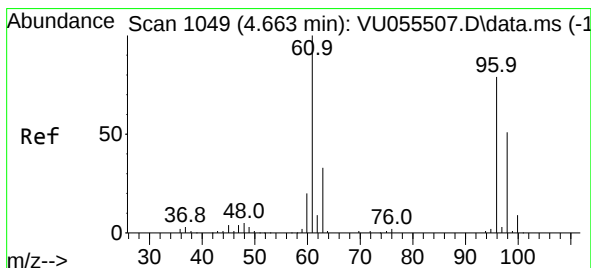
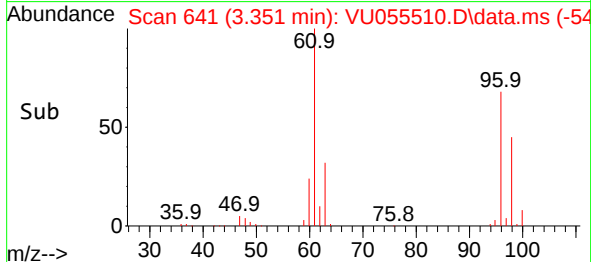
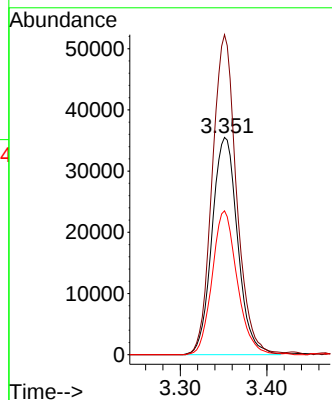
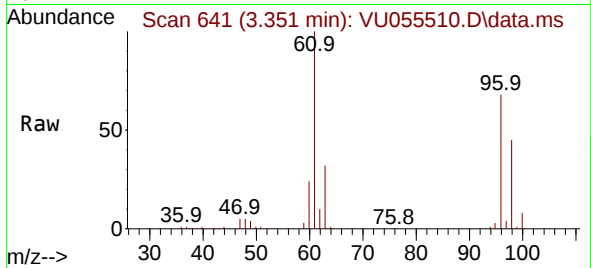




#18
trans-1,2-Dichloroethene
Concen: 3.653 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

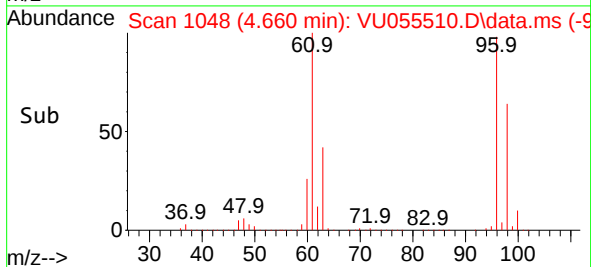
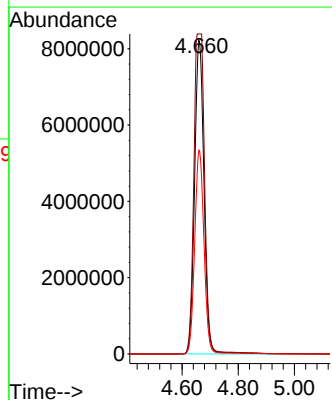
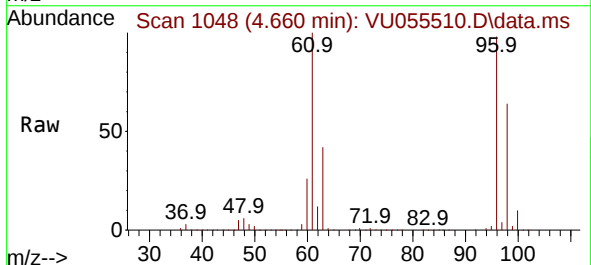
Instrument :
MSVOA_U
ClientSampleId :
EYHZ4

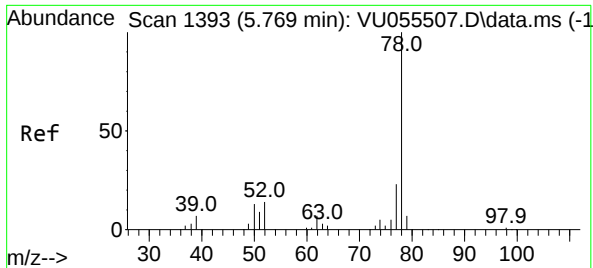
Tgt Ion: 96 Resp: 72926
Ion Ratio Lower Upper
96 100
61 147.3 94.6 175.6
98 66.2 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 828.210 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.004 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

Tgt Ion: 96 Resp:19166516
Ion Ratio Lower Upper
96 100
61 102.1 87.8 163.2
98 65.0 44.4 82.4





#33
Benzene
Concen: 1.637 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055510.D
Acq: 26 Sep 2023 12:11

Instrument :
MSVOA_U
ClientSampleId :
EYHZ4

Tgt Ion: 78 Resp: 133471

