

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055468.D
 Acq On : 22 Sep 2023 18:39
 Operator : MD/SY
 Sample : 04579-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY6

Quant Time: Sep 25 01:13:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

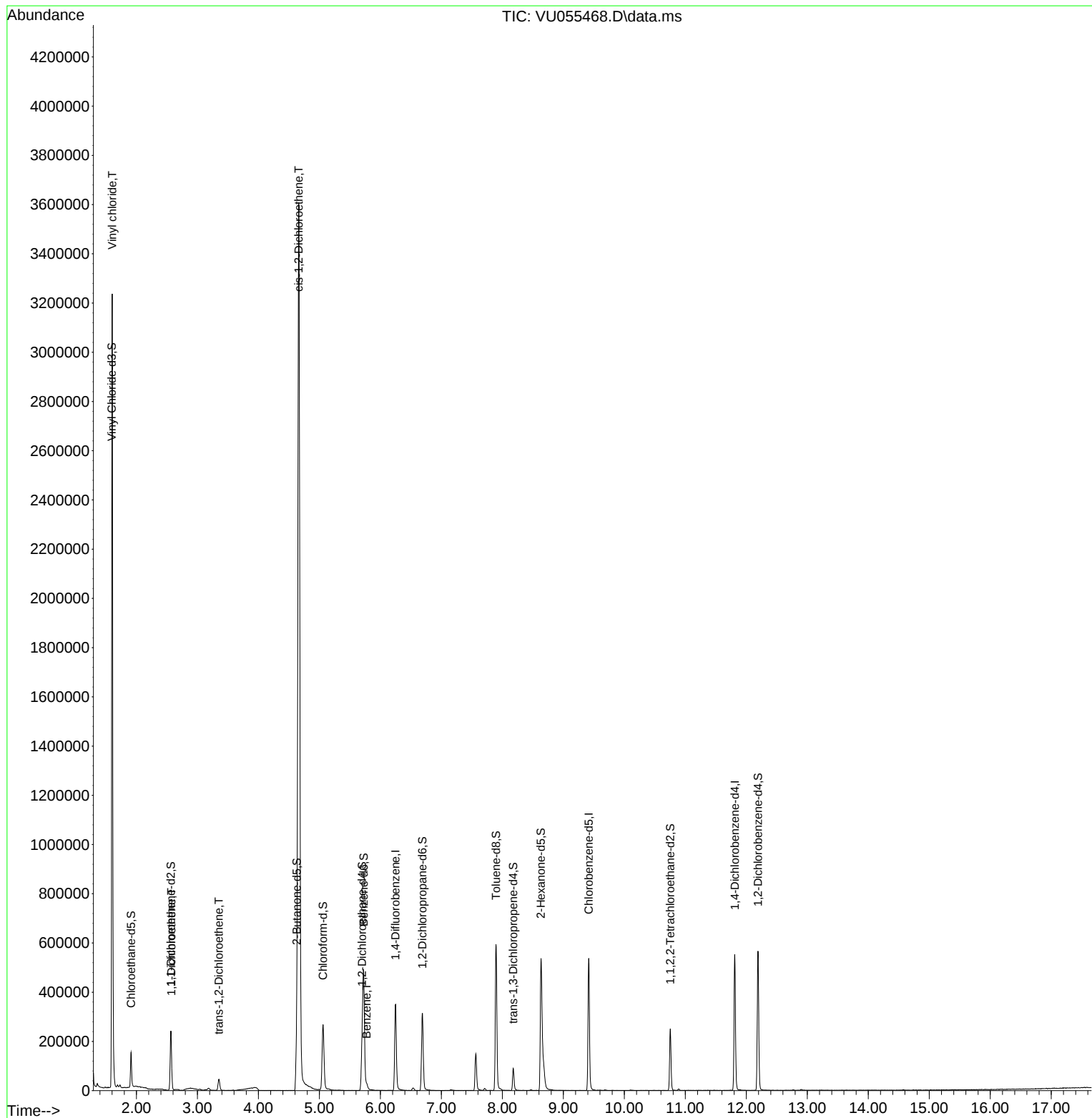
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	289861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	302602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	148775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	118300	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.911	69	100468	3.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.563	65	45074	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.628	46	313693	59.282	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.560%
24) Chloroform-d	5.059	84	254576	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.698	65	134356	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.724	84	480830	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.689	67	154095	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	407582	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.177	79	53566	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	166048	49.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124370	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	152069	5.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2173113	81.137	ug/L	99
12) 1,1-Dichloroethene	2.570	96	2524	0.125	ug/L	# 1
18) trans-1,2-Dichloroethene	3.351	96	19903	0.974	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	1906067	80.484	ug/L	99
33) Benzene	5.772	78	20516	0.236	ug/L	100

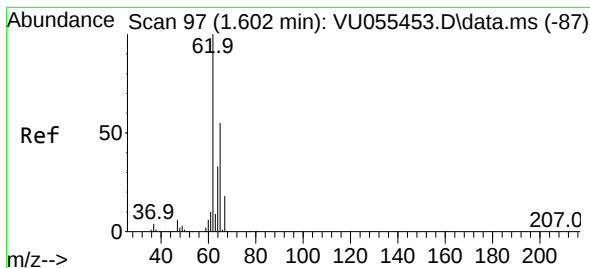
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 81.137 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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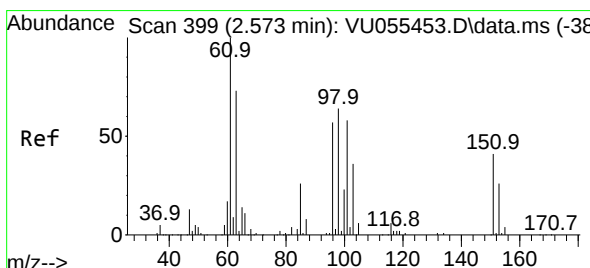
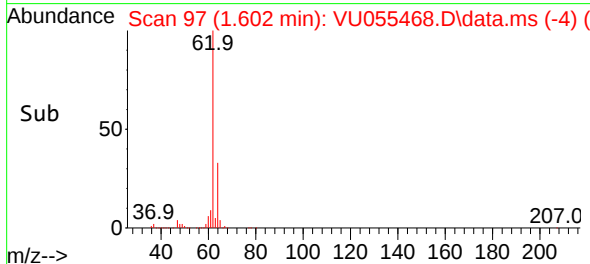
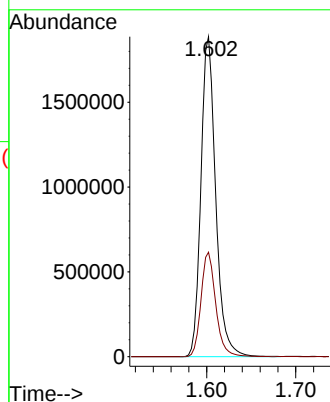
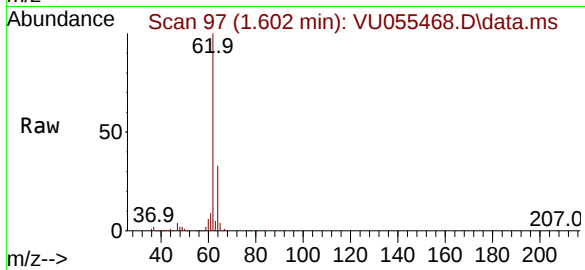
EYHY6

Tgt Ion: 62 Resp: 2173113

Ion Ratio Lower Upper

62 100

64 32.6 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU055468.D

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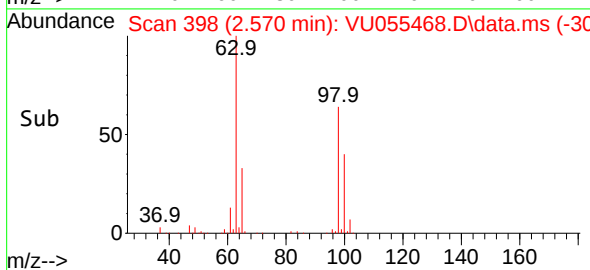
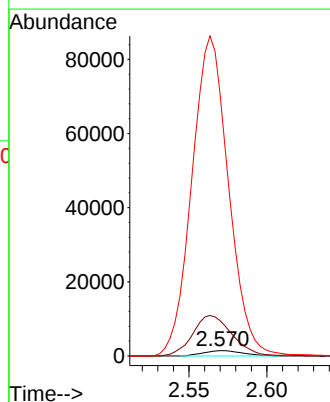
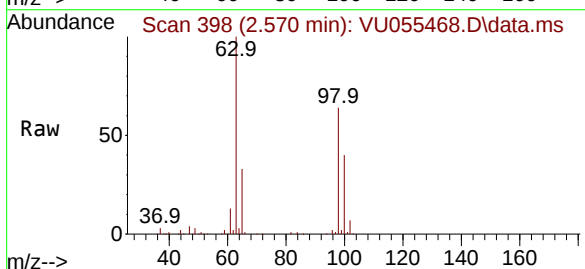
Tgt Ion: 96 Resp: 2524

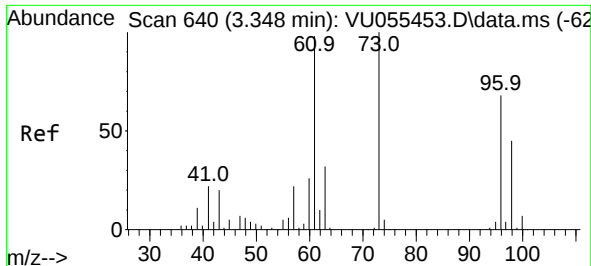
Ion Ratio Lower Upper

96 100

61 658.0 114.5 212.7#

63 4883.4 98.3 182.5#

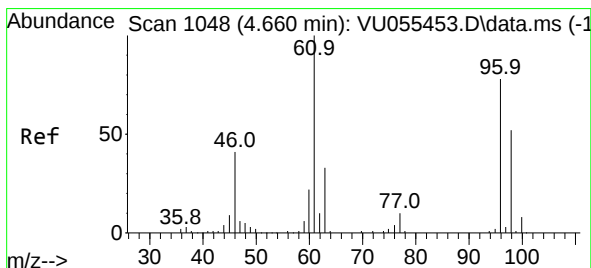
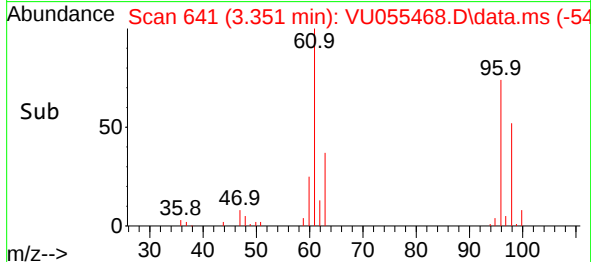
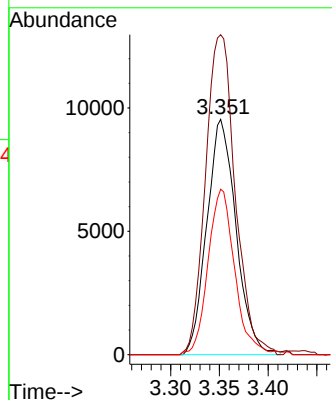
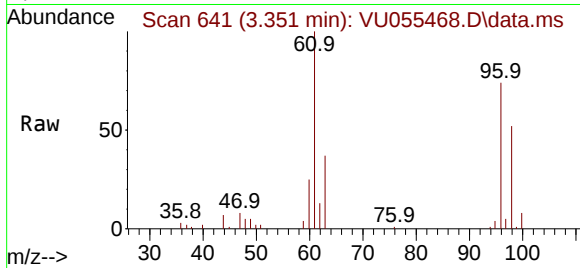




#18
trans-1,2-Dichloroethene
Concen: 0.974 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055468.D
Acq: 22 Sep 2023 18:39

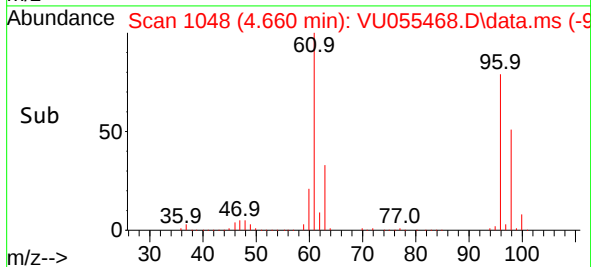
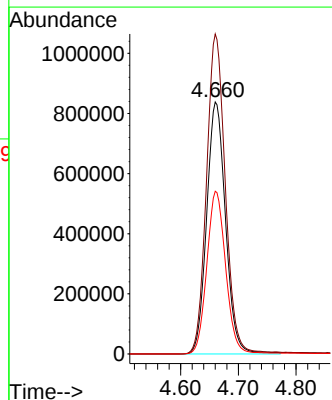
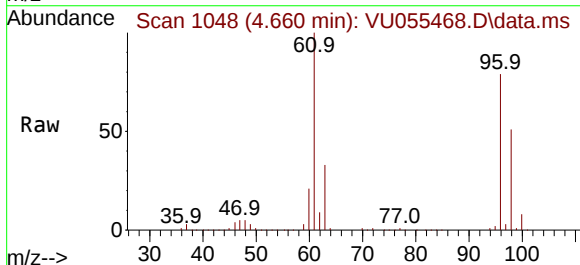
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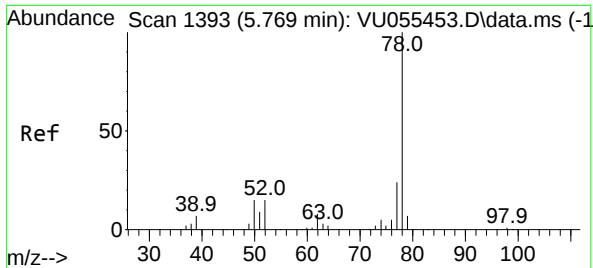
Tgt Ion: 96 Resp: 19903
Ion Ratio Lower Upper
96 100
61 136.0 94.6 175.6
98 70.3 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 80.484 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055468.D
Acq: 22 Sep 2023 18:39

Tgt Ion: 96 Resp: 1906067
Ion Ratio Lower Upper
96 100
61 127.0 87.8 163.2
98 64.6 44.4 82.4





#33
Benzene
Concen: 0.236 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055468.D
Acq: 22 Sep 2023 18:39

Instrument :
MSVOA_U
ClientSampleId :
EYHY6

Tgt Ion: 78 Resp: 20516

