

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055498.D
 Acq On : 25 Sep 2023 16:23
 Operator : MD/SY
 Sample : 04579-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY7

Quant Time: Sep 26 01:23:30 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)

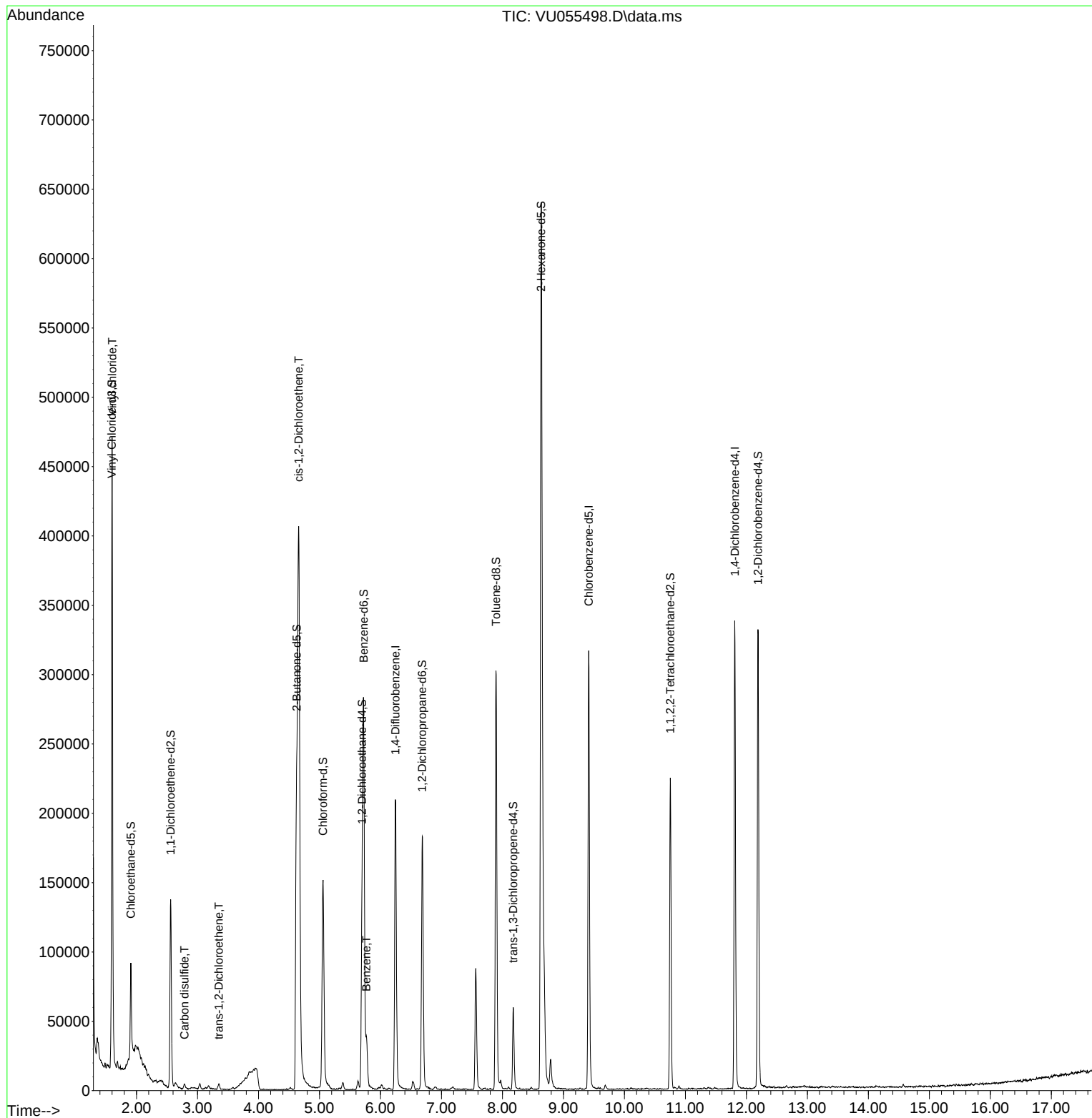
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	177405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58080	3.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.907	69	47342	2.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.000%#
11) 1,1-Dichloroethene-d2	2.560	65	25577	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.628	46	379521	117.187	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	234.380%#
24) Chloroform-d	5.058	84	145096	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	87912	5.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.724	84	269965	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.685	67	92338	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	213230	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	35229	5.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.634	63	209751	102.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	205.920%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112487	7.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	157.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	89703	4.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	284596	17.361	ug/L	99
14) Carbon disulfide	2.785	76	5279	0.142	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	1860	0.149	ug/L #	79
22) cis-1,2-Dichloroethene	4.660	96	186226	12.848	ug/L	99
33) Benzene	5.769	78	32248	0.614	ug/L	100

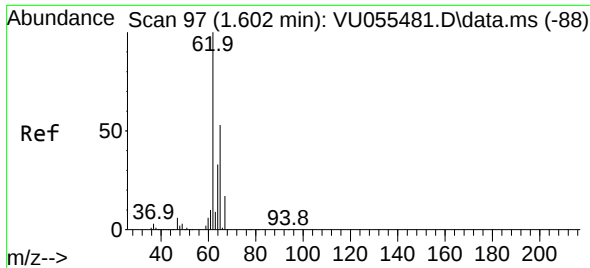
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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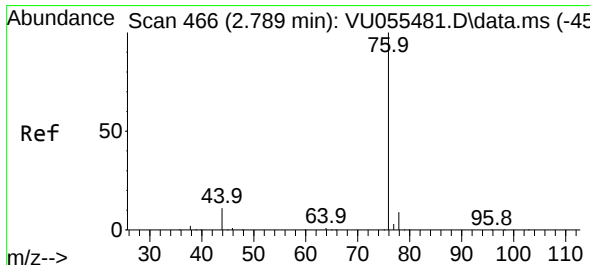
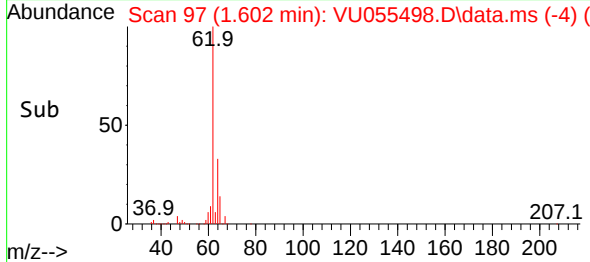
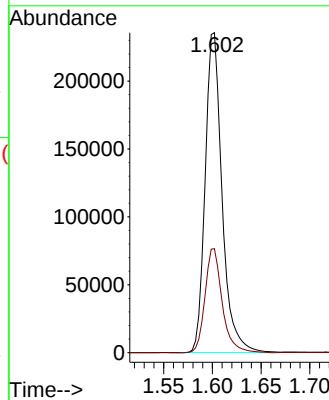
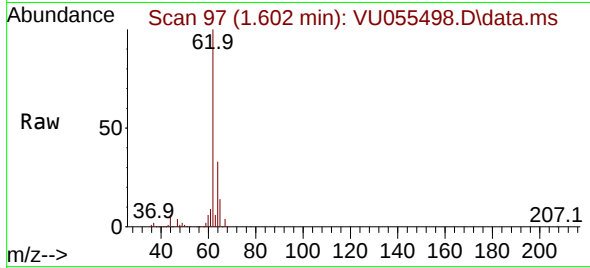




#5
 Vinyl chloride
 Concen: 17.361 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055498.D
 Acq: 25 Sep 2023 16:23

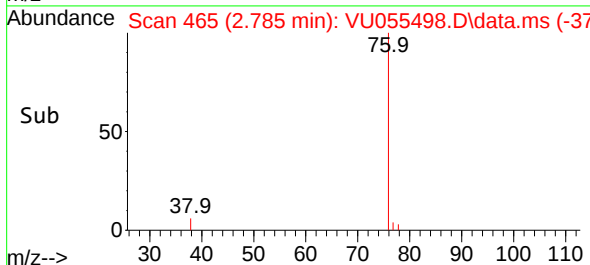
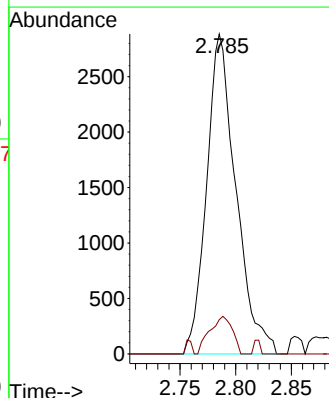
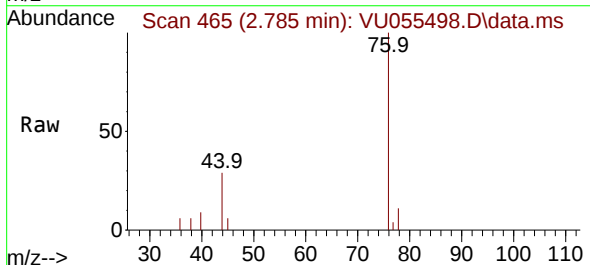
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY7

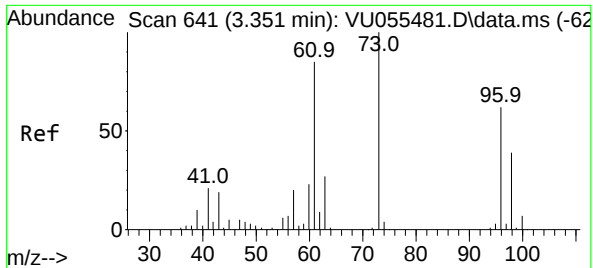
Tgt Ion: 62 Resp: 284596
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#14
 Carbon disulfide
 Concen: 0.142 ug/L
 RT: 2.785 min Scan# 465
 Delta R.T. -0.003 min
 Lab File: VU055498.D
 Acq: 25 Sep 2023 16:23

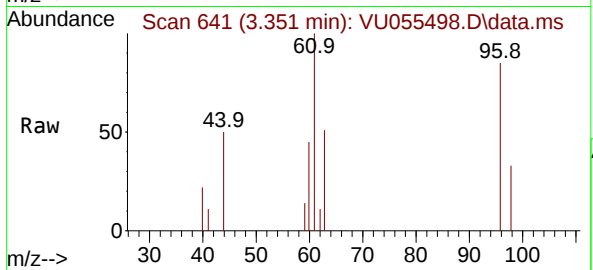
Tgt Ion: 76 Resp: 5279
 Ion Ratio Lower Upper
 76 100
 78 10.7 7.7 11.5



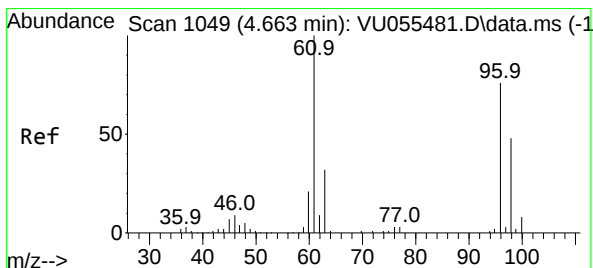
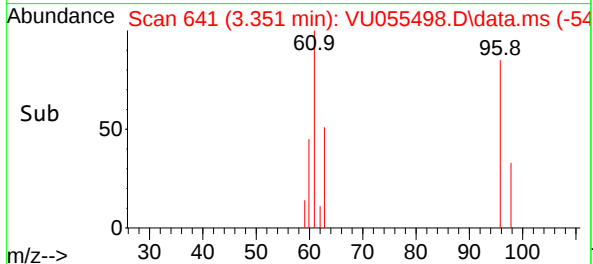
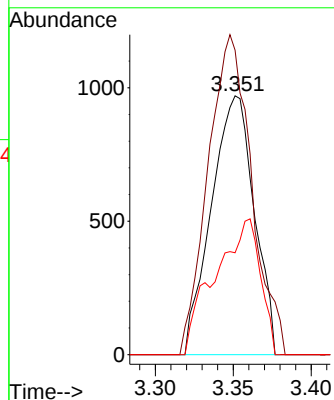


#18
trans-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
EYHY7

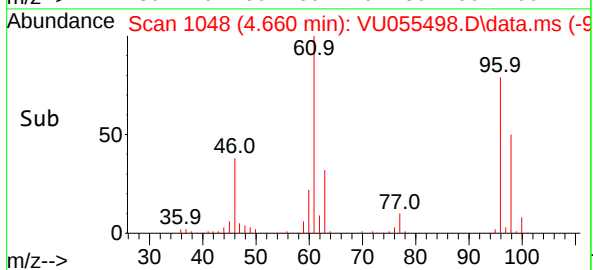
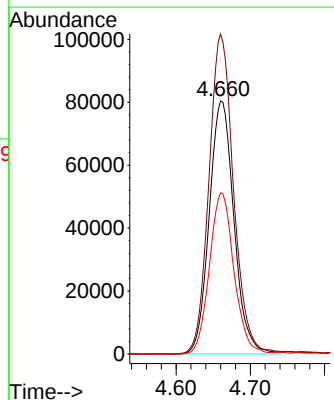
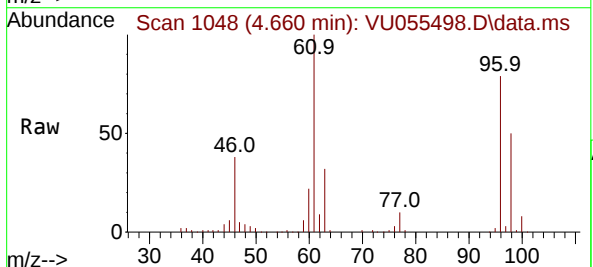


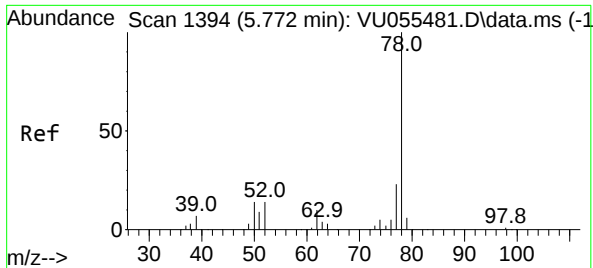
Tgt Ion:	96	Resp:	1860
Ion	Ratio	Lower	Upper
96	100		
61	117.6	94.6	175.6
98	39.4	45.7	84.9



#22
cis-1,2-Dichloroethene
Concen: 12.848 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Tgt Ion:	96	Resp:	186226
Ion	Ratio	Lower	Upper
96	100		
61	126.4	87.8	163.2
98	63.6	44.4	82.4





#33
Benzene
Concen: 0.614 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055498.D
Acq: 25 Sep 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
EYHY7

Tgt Ion: 78 Resp: 32248

