

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054700.D
 Acq On : 29 Jun 2023 17:12
 Operator : MD/SY
 Sample : 03478-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW94

Quant Time: Jun 30 05:20:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

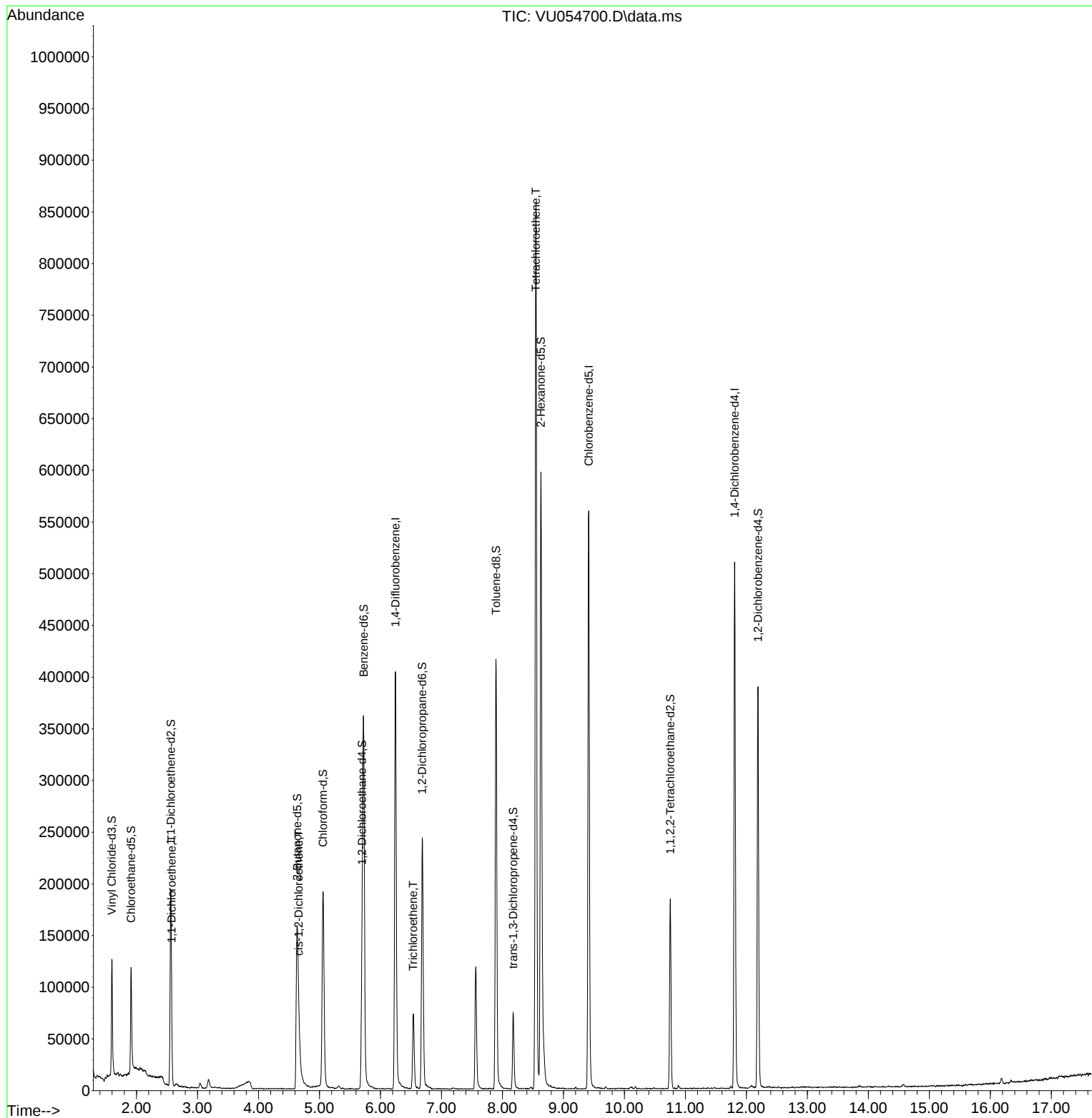
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313167	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88671	4.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	80779	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	36767	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.634	46	302624	54.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	5.058	84	171460	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.698	65	90841	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.724	84	336439	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.685	67	118836	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	277330	3.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	41118	4.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	198954	48.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95160	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	96979	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4824	0.212	ug/L	# 1
22) cis-1,2-Dichloroethene	4.660	96	2727	0.102	ug/L	94
34) Trichloroethene	6.537	95	25856	0.893	ug/L	93
47) Tetrachloroethene	8.550	164	191917	8.656	ug/L	98

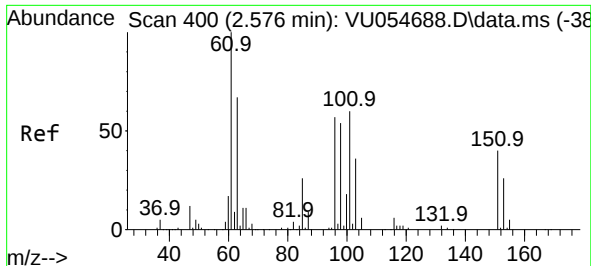
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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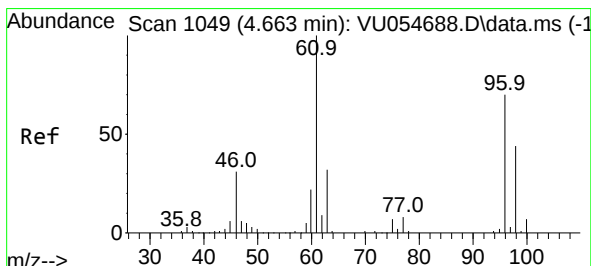
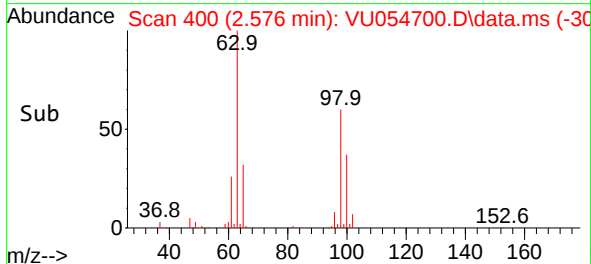
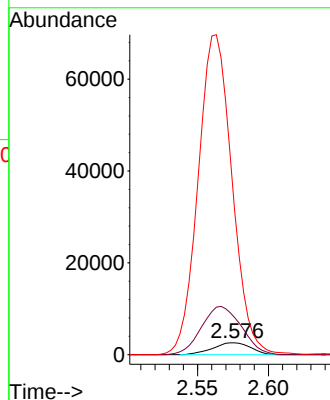
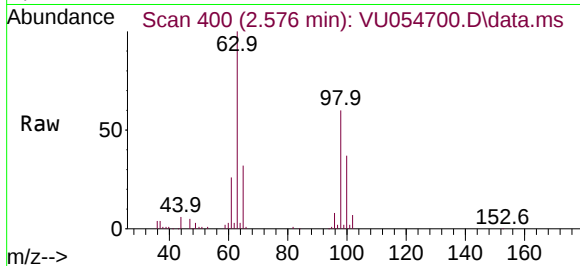




#12
1,1-Dichloroethene
Concen: 0.212 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054700.D
Acq: 29 Jun 2023 17:12

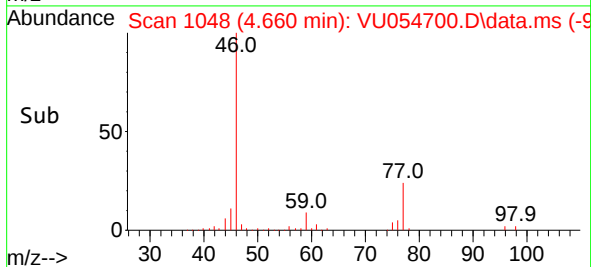
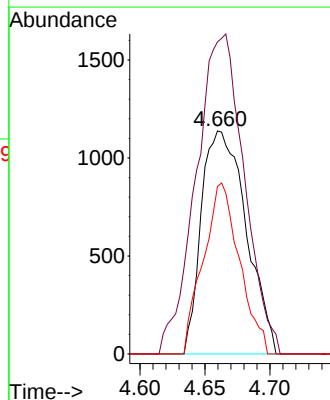
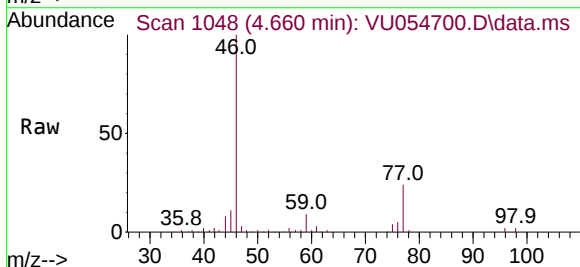
Instrument :
MSVOA_U
ClientSampleId :
YBW94

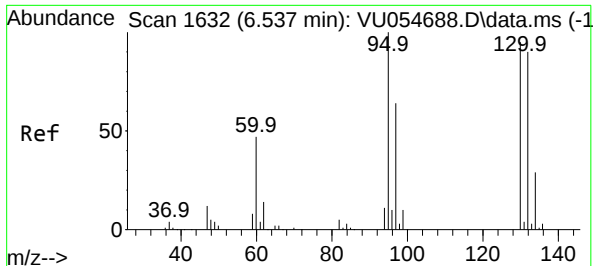
Tgt Ion: 96 Resp: 4824
Ion Ratio Lower Upper
96 100
61 313.3 119.9 222.7#
63 1217.7 64.3 119.3#



#22
cis-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU054700.D
Acq: 29 Jun 2023 17:12

Tgt Ion: 96 Resp: 2727
Ion Ratio Lower Upper
96 100
61 139.9 96.5 179.1
98 75.0 44.9 83.3



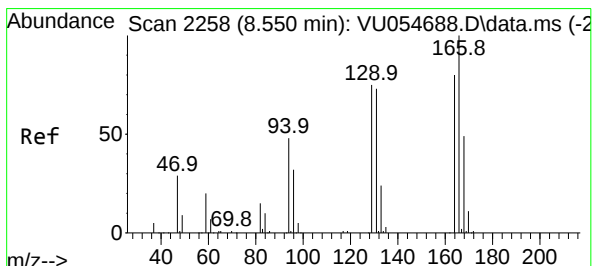
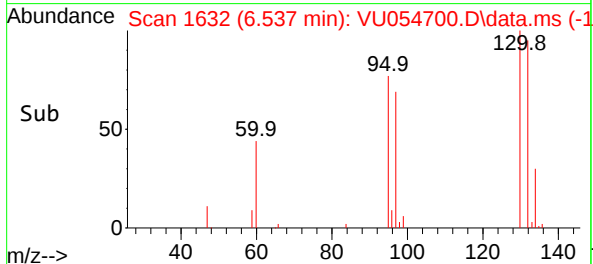
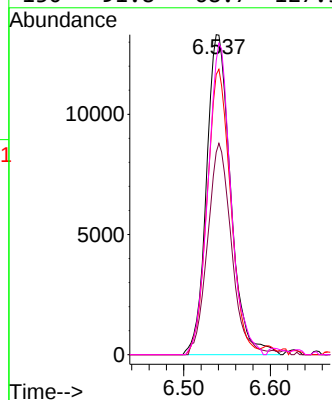
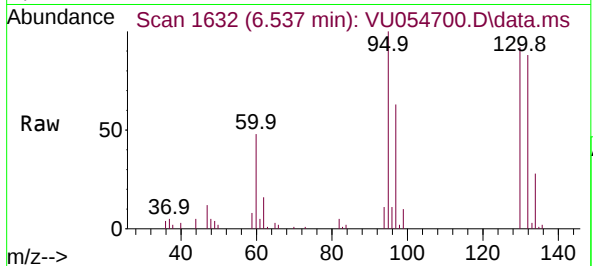


#34
Trichloroethene
Concen: 0.893 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054700.D
Acq: 29 Jun 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :
YBW94

Tgt Ion: 95 Resp: 25856

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.8	87.0
132	87.5	68.4	127.0
130	91.8	68.7	127.5



#47
Tetrachloroethene
Concen: 8.656 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054700.D
Acq: 29 Jun 2023 17:12

Tgt Ion: 164 Resp: 191917

Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.7	125.7
131	94.5	64.6	120.0
166	128.6	88.1	163.7

