

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062697.D
 Acq On : 10 Jan 2025 21:48
 Operator : MD/SY
 Sample : Q1059-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z4

Quant Time: Jan 11 00:33:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

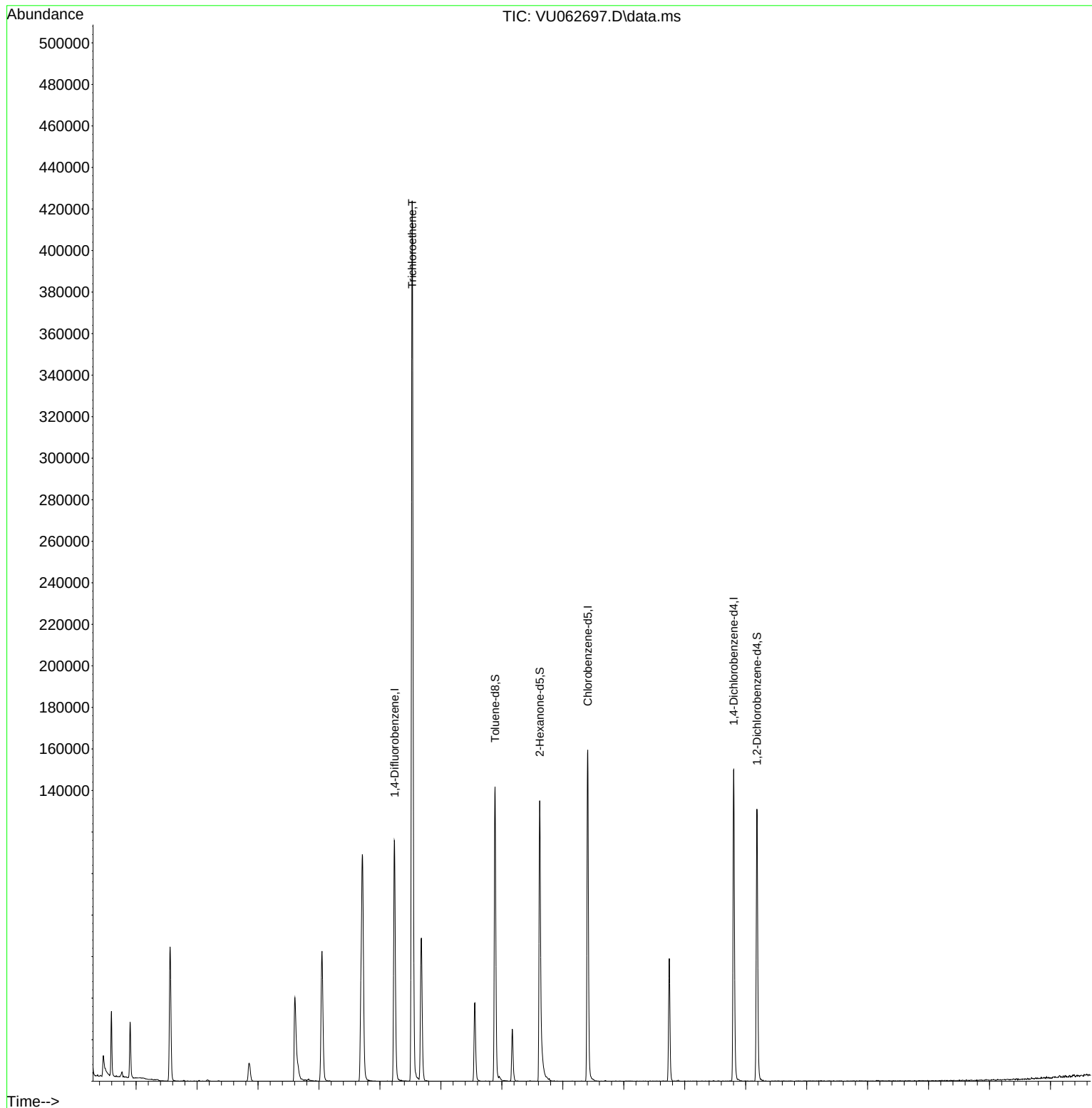
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21241	3.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.901	69	19355	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.557	65	11650	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.605	46	57640	52.972	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.940%
24) Chloroform-d	5.049	84	61808	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.689	65	35967	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.715	84	103180	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.679	67	30466	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	98079	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.171	79	15117	4.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.621	63	48627	50.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	26908	5.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	36911	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	3538	0.593	ug/L #	1
19) 1,1-Dichloroethane	3.853	63	10861	0.950	ug/L #	83
22) cis-1,2-Dichloroethene	4.650	96	1979	0.284	ug/L	73
34) Trichloroethene	6.528	95	147351	16.718	ug/L	99

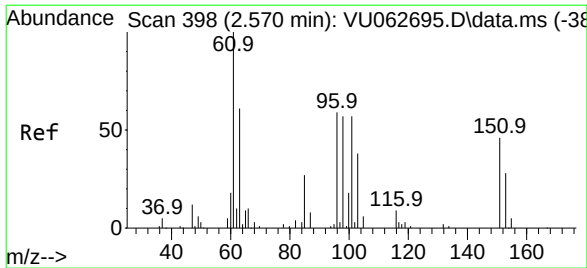
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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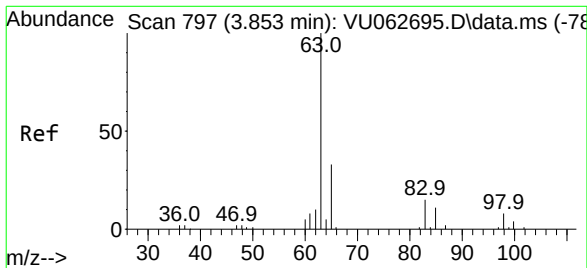
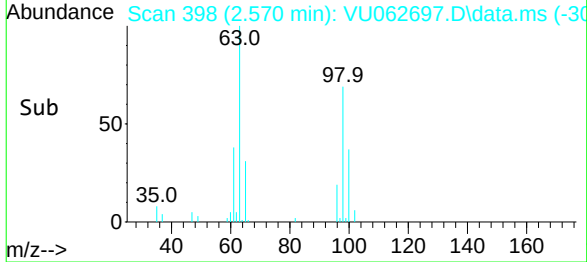
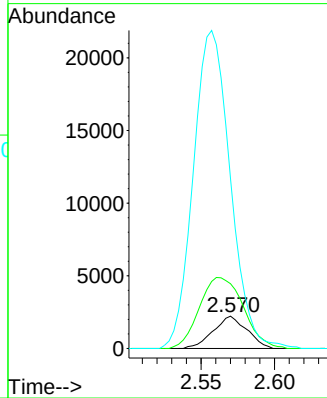
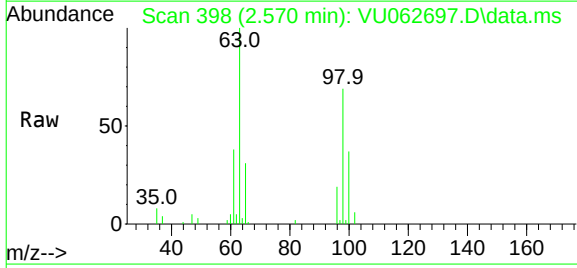




#12
1,1-Dichloroethene
Concen: 0.593 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062697.D
Acq: 10 Jan 2025 21:48

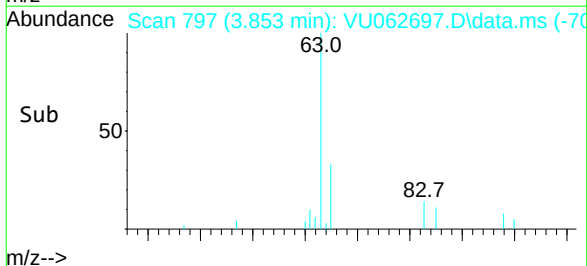
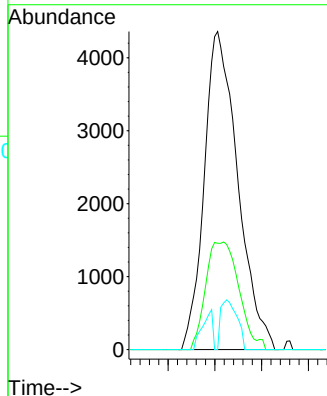
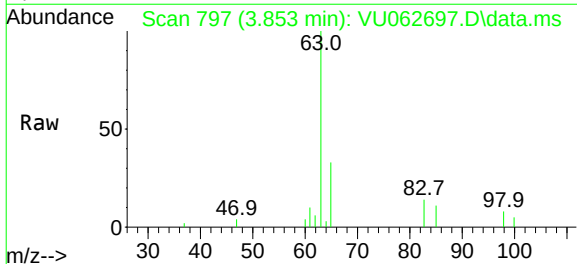
Instrument :
MSVOA_U
ClientSampleId :
BH8Z4

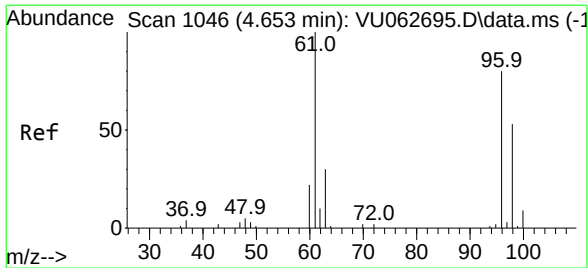
Tgt Ion: 96 Resp: 3538
Ion Ratio Lower Upper
96 100
61 200.5 120.4 223.6
63 525.7 82.3 152.9#



#19
1,1-Dichloroethane
Concen: 0.950 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062697.D
Acq: 10 Jan 2025 21:48

Tgt Ion: 63 Resp: 10861
Ion Ratio Lower Upper
63 100
65 33.4 20.7 38.5
83 0.0 10.5 19.5#

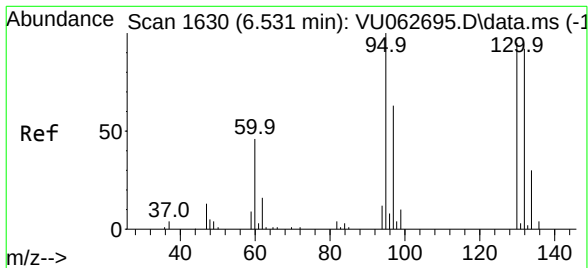
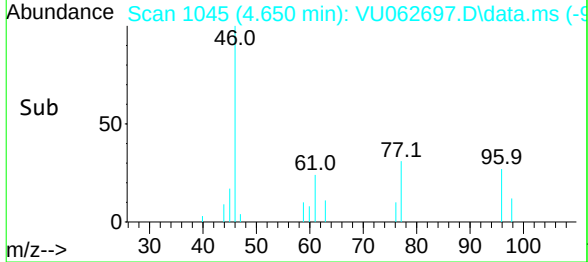
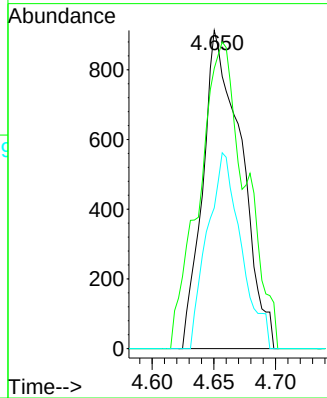
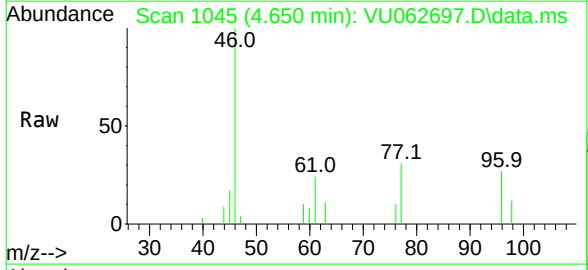




#22
 cis-1,2-Dichloroethene
 Concen: 0.284 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062697.D
 Acq: 10 Jan 2025 21:48

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Tgt Ion:	96	Resp:	1979
Ion	Ratio	Lower	Upper
96	100		
61	88.1	84.8	157.6
98	44.2	43.1	80.1



#34
 Trichloroethene
 Concen: 16.718 ug/L
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.003 min
 Lab File: VU062697.D
 Acq: 10 Jan 2025 21:48

Tgt Ion:	95	Resp:	147351
Ion	Ratio	Lower	Upper
95	100		
97	66.3	47.5	88.3
132	94.4	66.9	124.3
130	97.3	68.6	127.4

