

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062792.D
 Acq On : 16 Jan 2025 02:27
 Operator : MD/SY
 Sample : Q1071-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ84

Quant Time: Jan 16 04:43:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

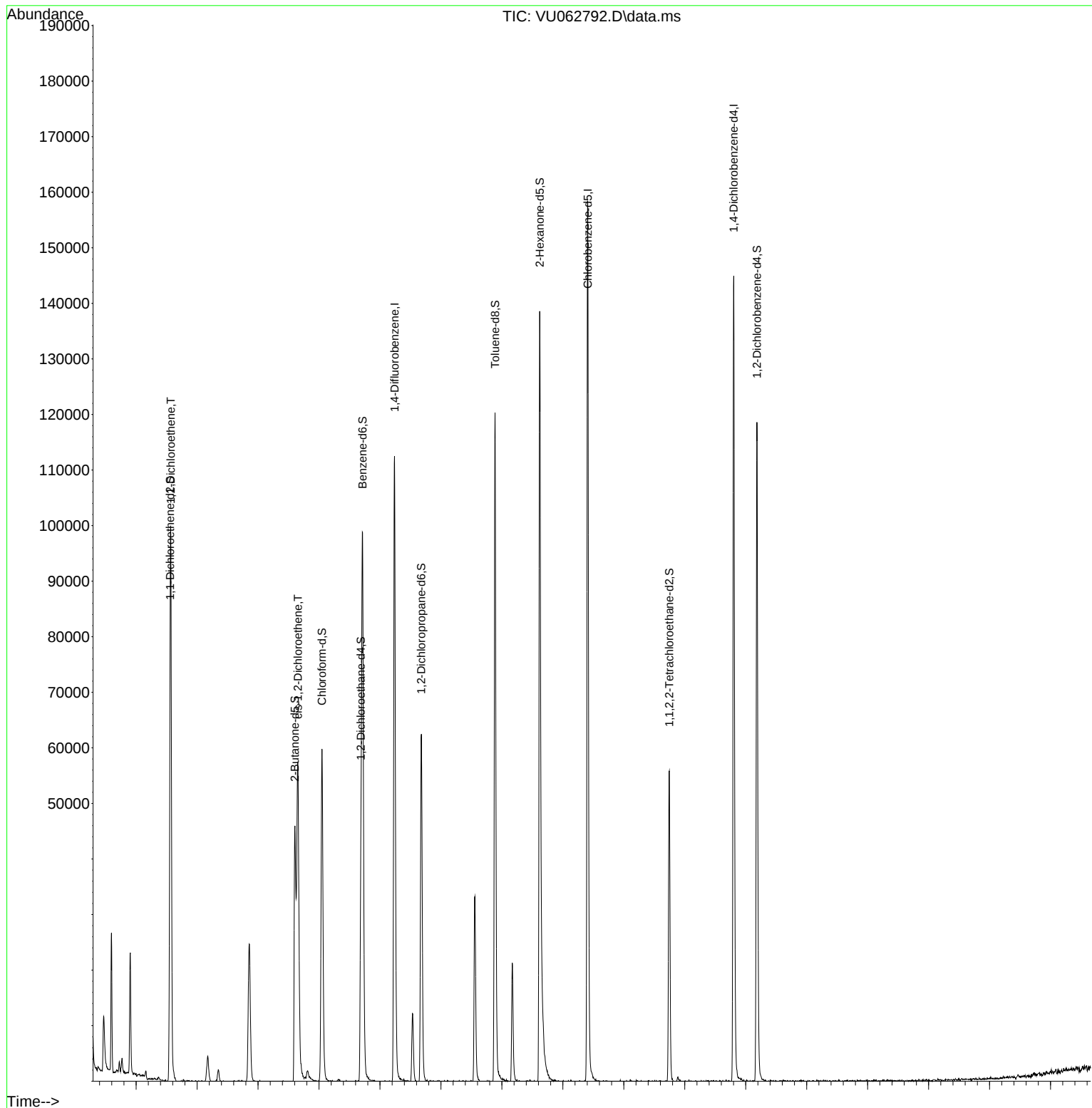
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93727	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14796	2.850	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.904	69	16001	3.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.557	65	8583	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.605	46	63878	60.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.420%
24) Chloroform-d	5.049	84	57400	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	35083	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	92081	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.676	67	27888	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.888	98	83490	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.171	79	13599	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.621	63	49374	52.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26670	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	34817	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	25495	4.382	ug/L	90
19) 1,1-Dichloroethane	3.856	63	28998	2.602	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	29788	4.388	ug/L	90
34) Trichloroethene	6.534	95	4258	0.486	ug/L	93

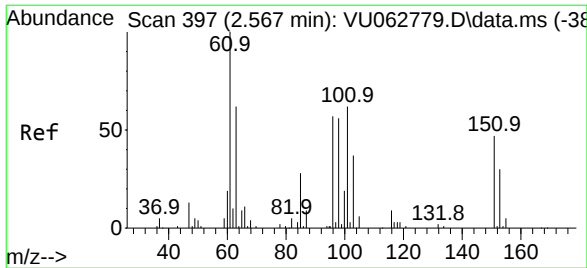
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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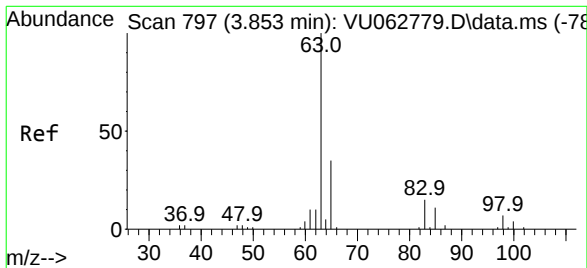
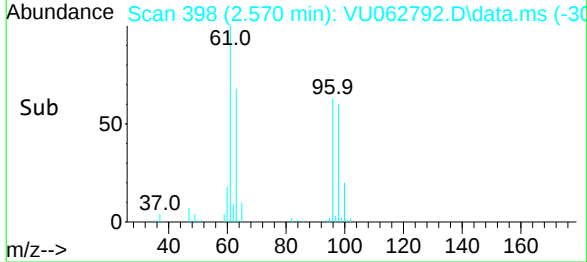
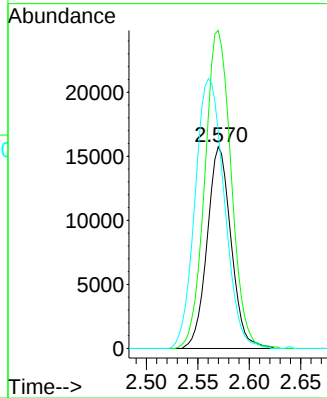
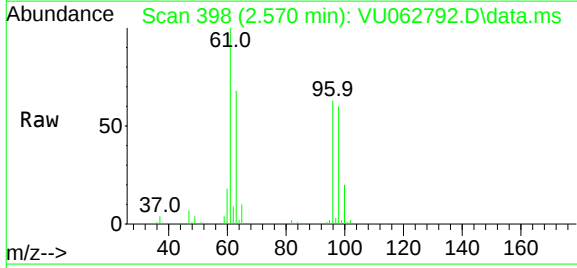




#12
1,1-Dichloroethene
Concen: 4.382 ug/L
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU062792.D
Acq: 16 Jan 2025 02:27

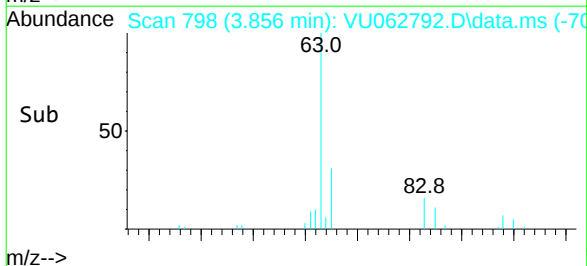
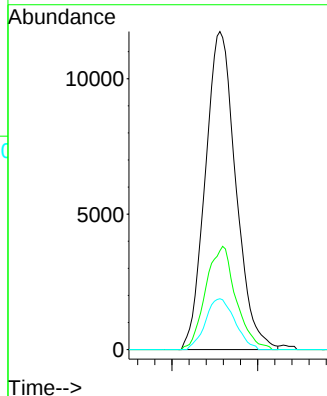
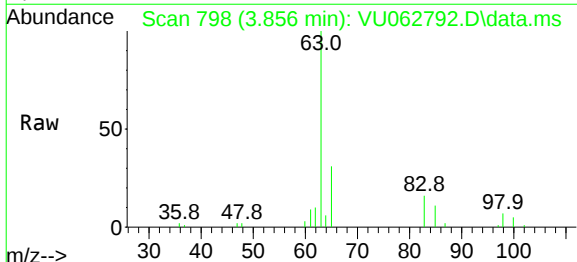
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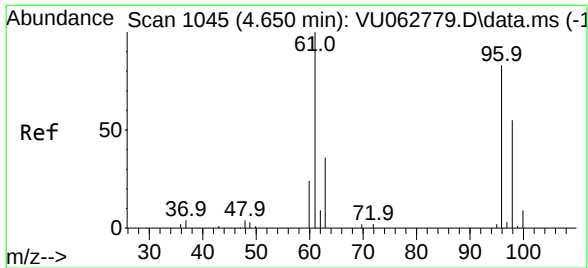
Tgt Ion: 96 Resp: 25495
Ion Ratio Lower Upper
96 100
61 157.7 120.4 223.6
63 107.5 82.3 152.9



#19
1,1-Dichloroethane
Concen: 2.602 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062792.D
Acq: 16 Jan 2025 02:27

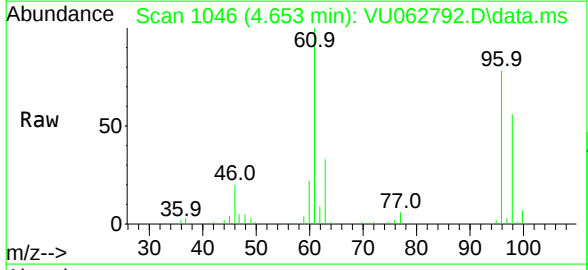
Tgt Ion: 63 Resp: 28998
Ion Ratio Lower Upper
63 100
65 31.1 20.7 38.5
83 16.0 10.5 19.5



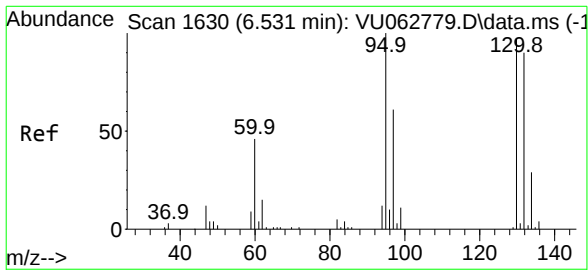
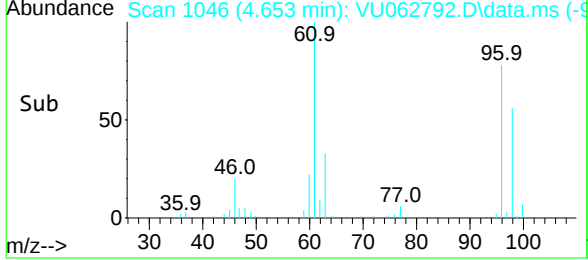
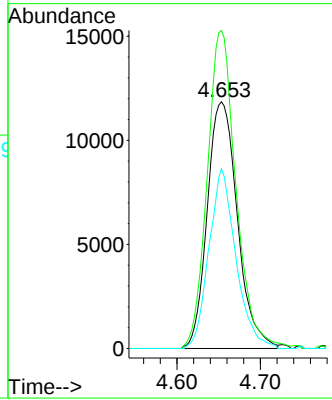


#22
 cis-1,2-Dichloroethene
 Concen: 4.388 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062792.D
 Acq: 16 Jan 2025 02:27

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ84



Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.9	84.8	157.6
98	72.8	43.1	80.1



#34
 Trichloroethene
 Concen: 0.486 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062792.D
 Acq: 16 Jan 2025 02:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	77.2	47.5	88.3
132	89.5	66.9	124.3
130	94.3	68.6	127.4

