

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062850.D
 Acq On : 17 Jan 2025 03:59
 Operator : MD/SY
 Sample : Q1071-16DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80DL

Quant Time: Jan 17 04:10:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

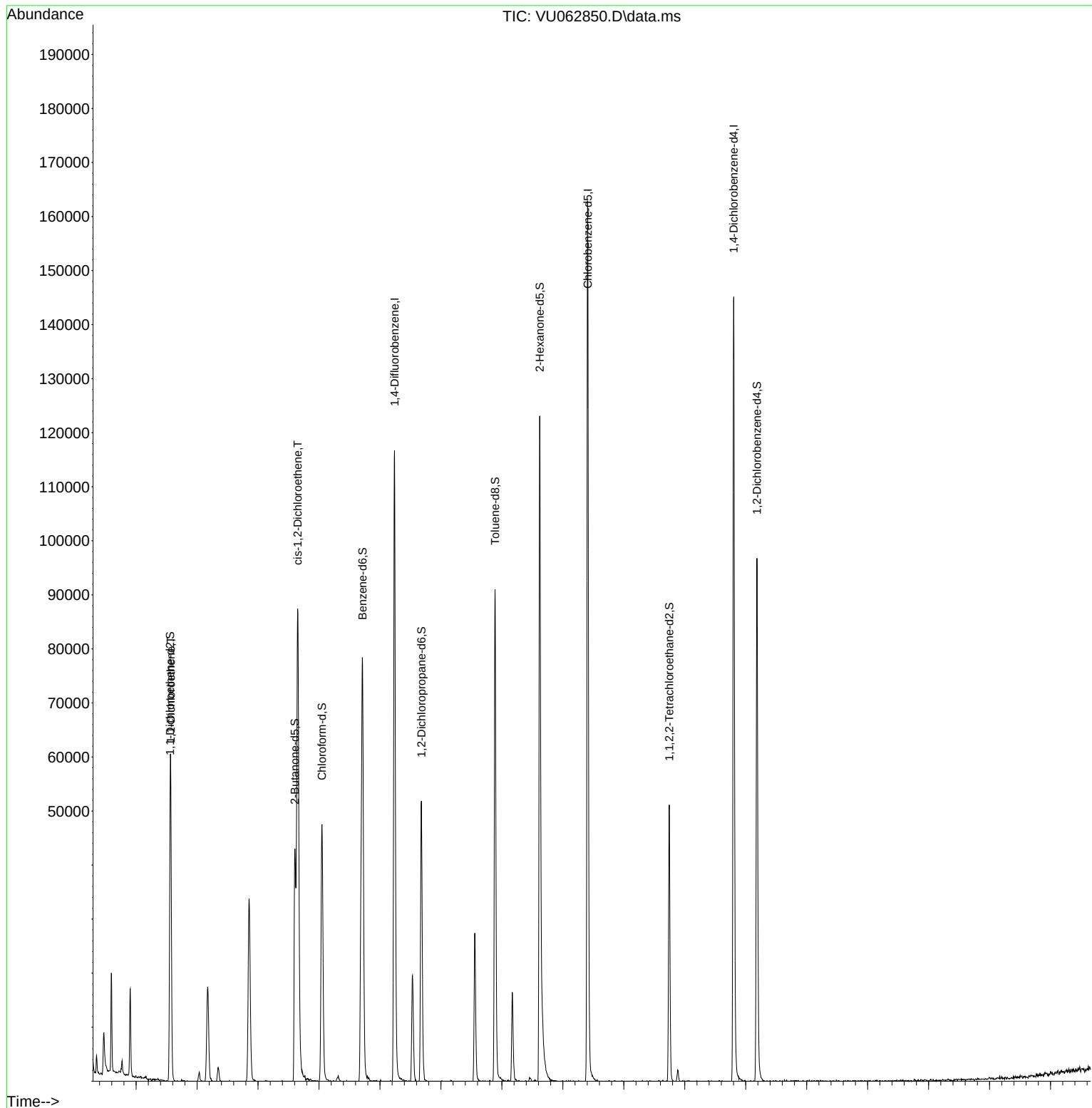
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11108	2.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	41.600%
7) Chloroethane-d5	1.904	69	11914	2.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.400%#
11) 1,1-Dichloroethene-d2	2.557	65	6584	2.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.600%#
20) 2-Butanone-d5	4.605	46	56810	52.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.049	84	48017	3.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
26) 1,2-Dichloroethane-d4	5.689	65	28530	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.714	84	71128	3.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.800%#
36) 1,2-Dichloropropane-d6	6.679	67	21994	3.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.888	98	64301	2.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	8.171	79	11077	3.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.621	63	44900	46.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23080	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	28627	3.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	13154	2.198	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	1144	0.178	ug/L	97
19) 1,1-Dichloroethane	3.853	63	38225	3.334	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	46827	6.706	ug/L	98
34) Trichloroethene	6.534	95	6952	0.776	ug/L	94

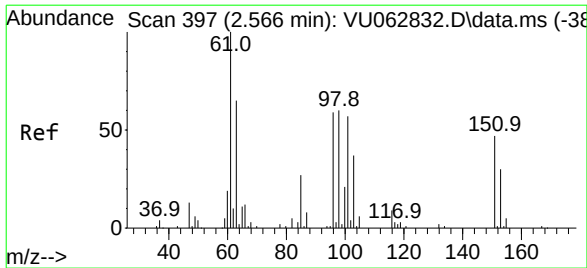
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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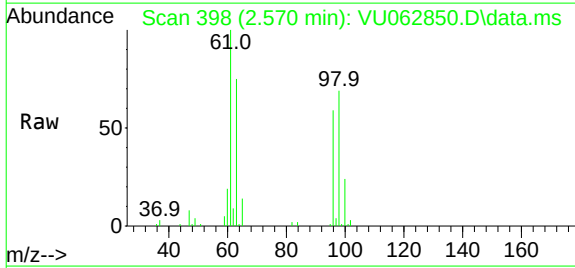
Quant Time: Jan 17 04:10:45 2025
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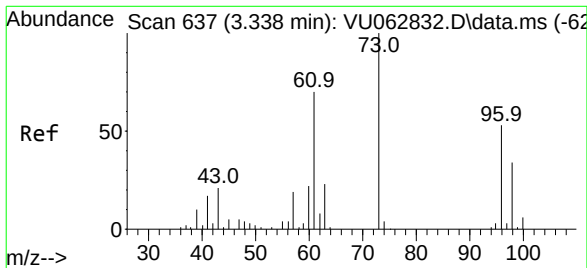
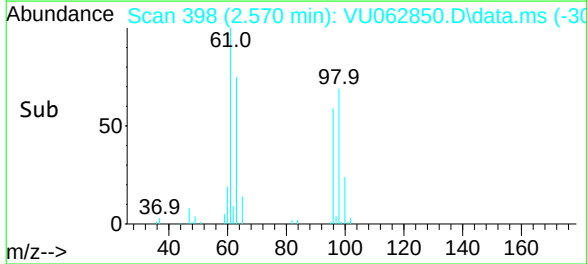
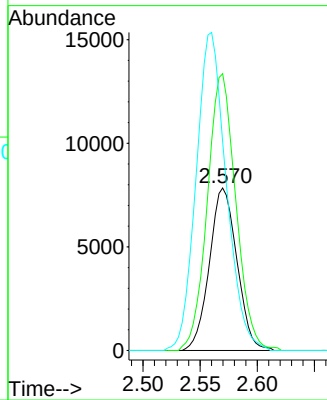


#12
1,1-Dichloroethene
Concen: 2.198 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU062850.D
Acq: 17 Jan 2025 03:59

Instrument :
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ClientSampleId :
GCQ80DL

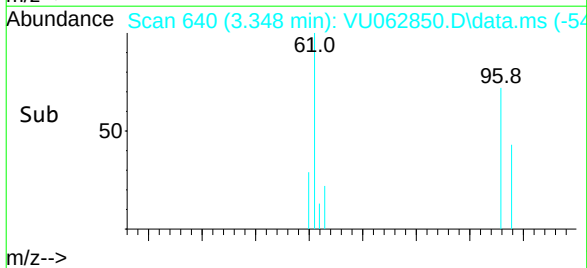
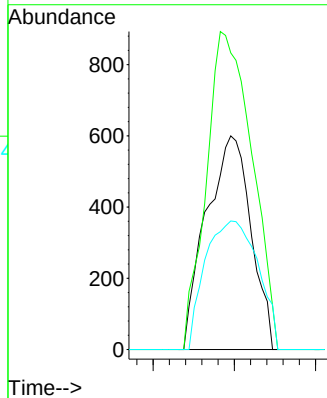
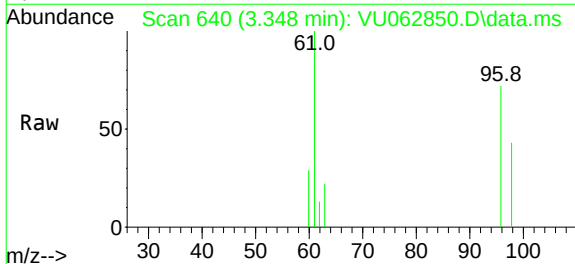


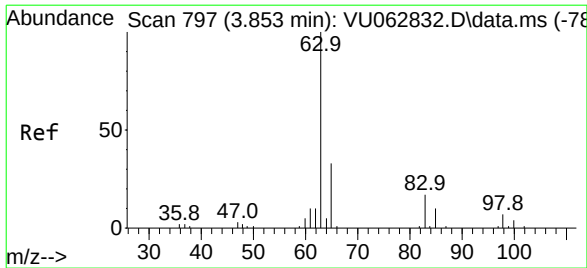
Tgt Ion: 96 Resp: 13154
Ion Ratio Lower Upper
96 100
61 170.3 120.4 223.6
63 128.4 82.3 152.9



#18
trans-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU062850.D
Acq: 17 Jan 2025 03:59

Tgt Ion: 96 Resp: 1144
Ion Ratio Lower Upper
96 100
61 138.8 94.4 175.2
98 60.2 42.8 79.4

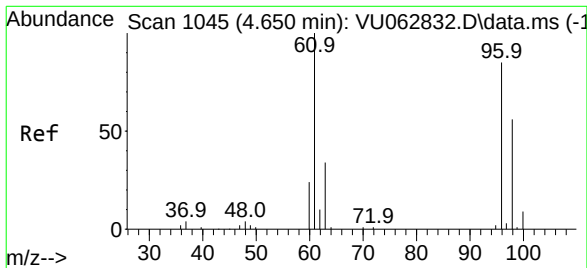
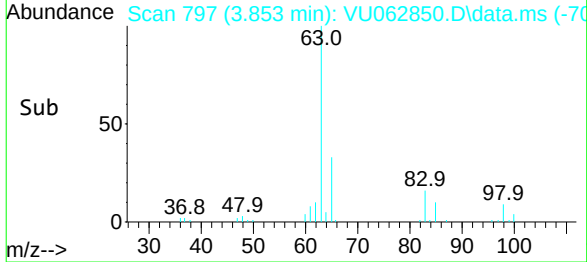
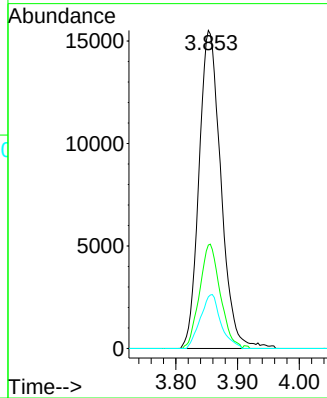
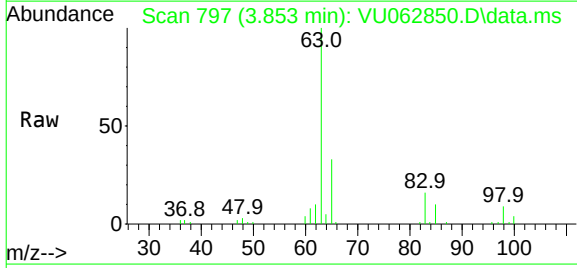




#19
1,1-Dichloroethane
Concen: 3.334 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062850.D
Acq: 17 Jan 2025 03:59

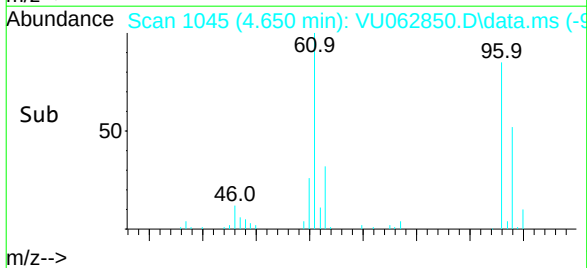
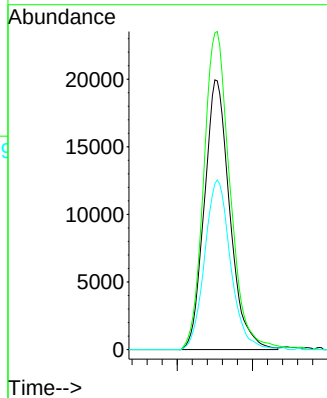
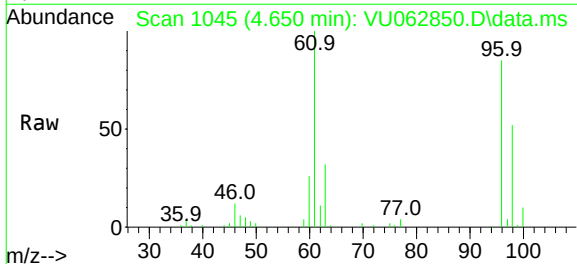
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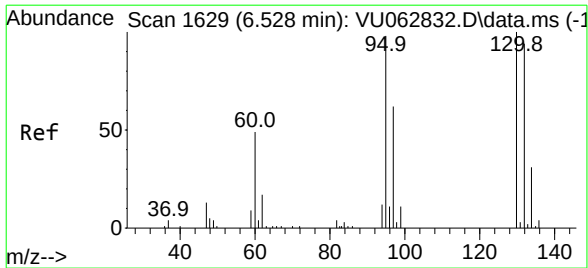
Tgt Ion: 63	Resp: 38225
Ion Ratio	Lower Upper
63 100	
65 33.4	20.7 38.5
83 16.2	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 6.706 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062850.D
Acq: 17 Jan 2025 03:59

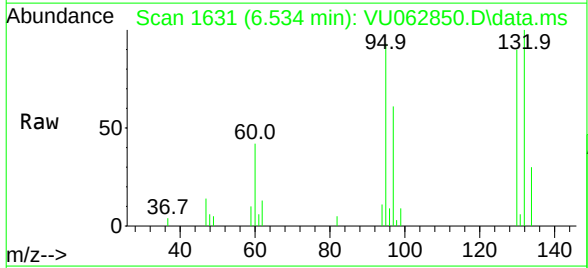
Tgt Ion: 96	Resp: 46827
Ion Ratio	Lower Upper
96 100	
61 117.4	84.8 157.6
98 61.5	43.1 80.1





#34
 Trichloroethene
 Concen: 0.776 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.007 min
 Lab File: VU062850.D
 Acq: 17 Jan 2025 03:59

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80DL



Tgt Ion:	95	Resp:	6952
Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.5	88.3
132	107.8	66.9	124.3
130	96.5	68.6	127.4

