

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062848.D
 Acq On : 17 Jan 2025 03:09
 Operator : MD/SY
 Sample : Q1071-14DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ78DL

Quant Time: Jan 17 03:29:29 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)

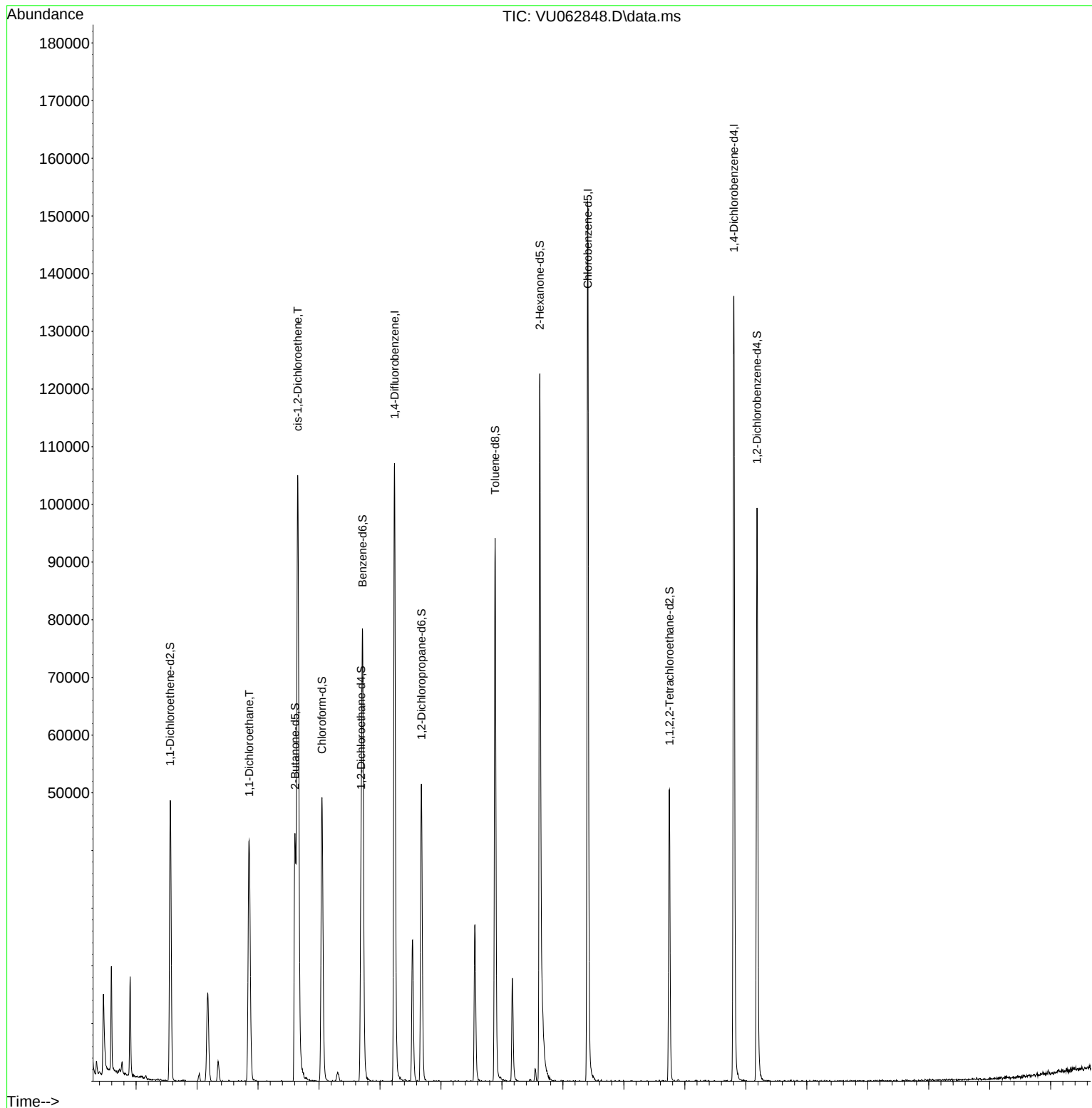
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	91919	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	11037	2.168	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	43.400%
7) Chloroethane-d5	1.901	69	12026	2.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.557	65	6766	2.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.400%#
20) 2-Butanone-d5	4.605	46	57607	55.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.740%
24) Chloroform-d	5.049	84	49197	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.689	65	29521	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.715	84	73231	3.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.679	67	22439	3.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.888	98	64533	3.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.171	79	11060	3.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.621	63	44622	48.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.700%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	23176	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	28613	4.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	7893	1.383	ug/L #	77
18) trans-1,2-Dichloroethene	3.351	96	1537	0.251	ug/L	96
19) 1,1-Dichloroethane	3.853	63	48400	4.428	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	57170	8.587	ug/L	98
34) Trichloroethene	6.531	95	8651	1.025	ug/L	96

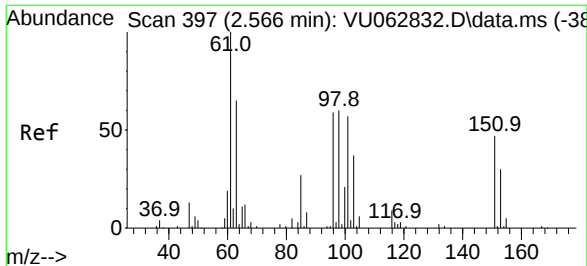
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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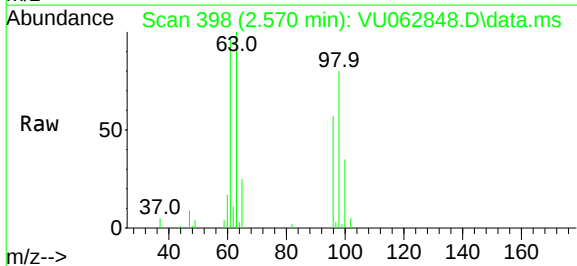
Quant Time: Jan 17 03:29:29 2025
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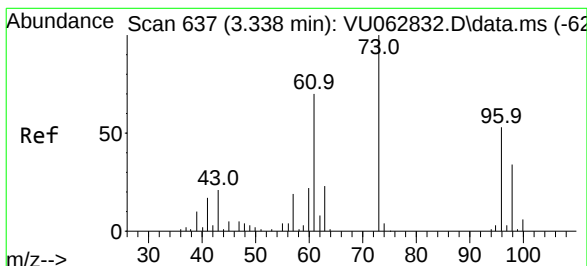
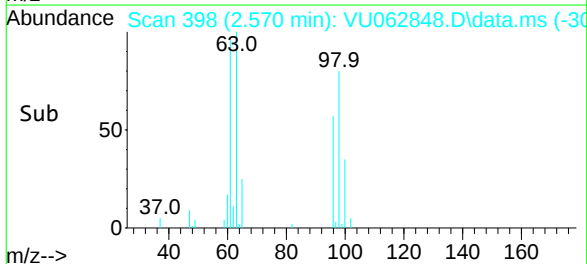
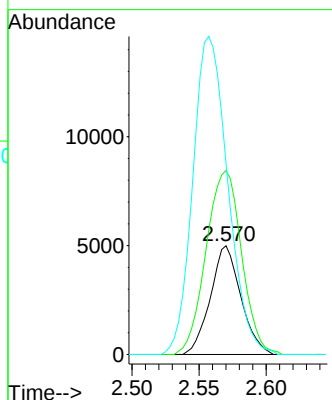


#12
1,1-Dichloroethene
Concen: 1.383 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.004 min
Lab File: VU062848.D
Acq: 17 Jan 2025 03:09

Instrument :
MSVOA_U
ClientSampleId :
GCQ78DL

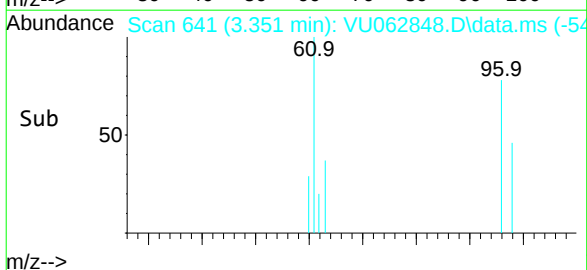
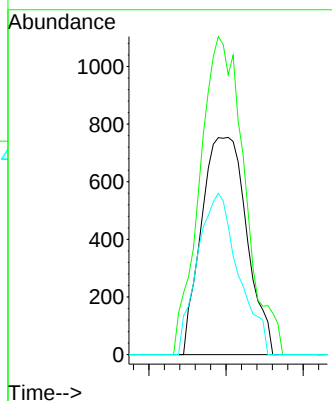
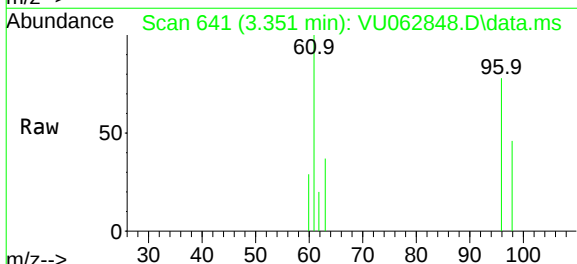


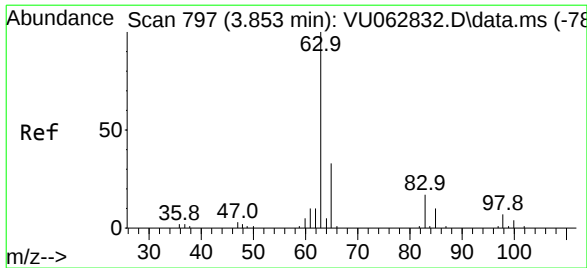
Tgt Ion: 96 Resp: 7893
Ion Ratio Lower Upper
96 100
61 169.2 120.4 223.6
63 175.7 82.3 152.9#



#18
trans-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU062848.D
Acq: 17 Jan 2025 03:09

Tgt Ion: 96 Resp: 1537
Ion Ratio Lower Upper
96 100
61 128.8 94.4 175.2
98 59.4 42.8 79.4

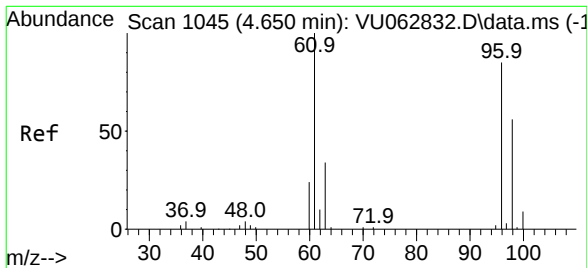
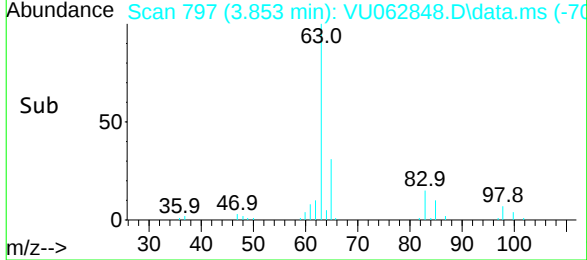
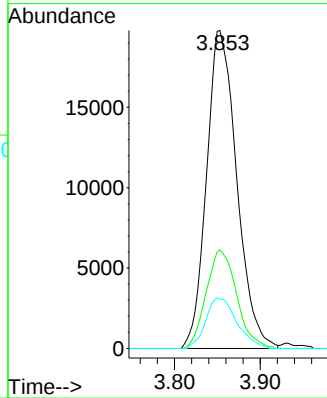
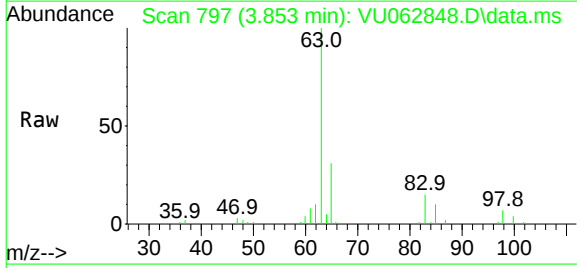




#19
1,1-Dichloroethane
Concen: 4.428 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062848.D
Acq: 17 Jan 2025 03:09

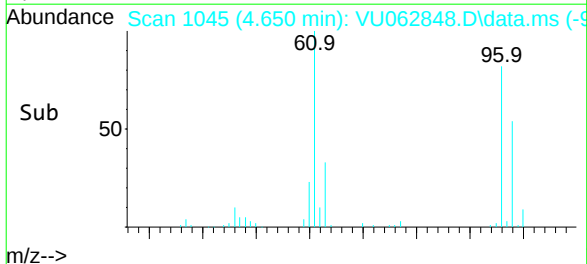
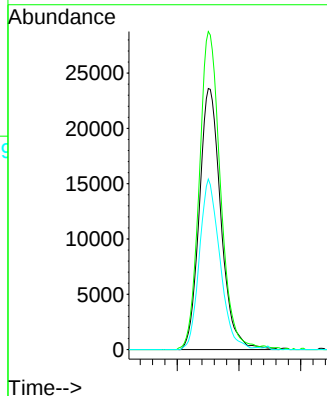
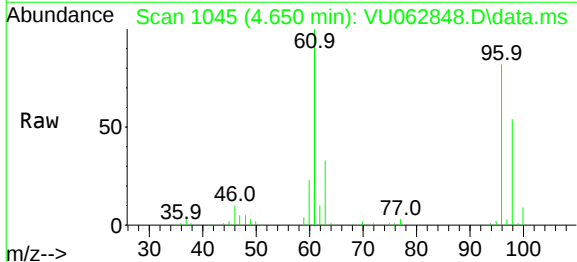
Instrument :
MSVOA_U
ClientSampleId :
GCQ78DL

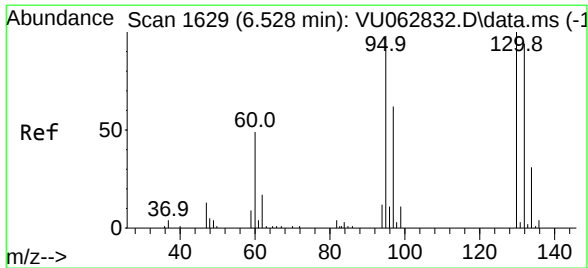
Tgt Ion: 63	Resp: 48400
Ion Ratio	Lower Upper
63 100	
65 31.6	20.7 38.5
83 15.5	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 8.587 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062848.D
Acq: 17 Jan 2025 03:09

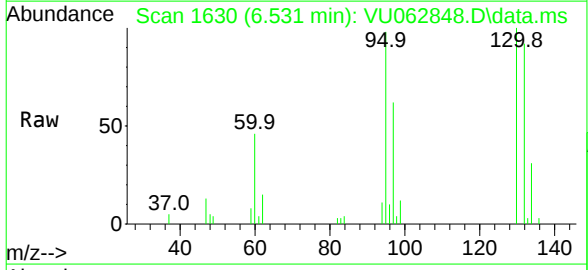
Tgt Ion: 96	Resp: 57170
Ion Ratio	Lower Upper
96 100	
61 121.8	84.8 157.6
98 65.3	43.1 80.1





#34
 Trichloroethene
 Concen: 1.025 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.004 min
 Lab File: VU062848.D
 Acq: 17 Jan 2025 03:09

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ78DL



Tgt Ion: 95 Resp: 8651

Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.5	88.3
132	93.3	66.9	124.3
130	101.7	68.6	127.4

