

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062838.D
 Acq On : 16 Jan 2025 23:03
 Operator : MD/SY
 Sample : Q1071-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ68DL

Quant Time: Jan 17 00:07:58 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)

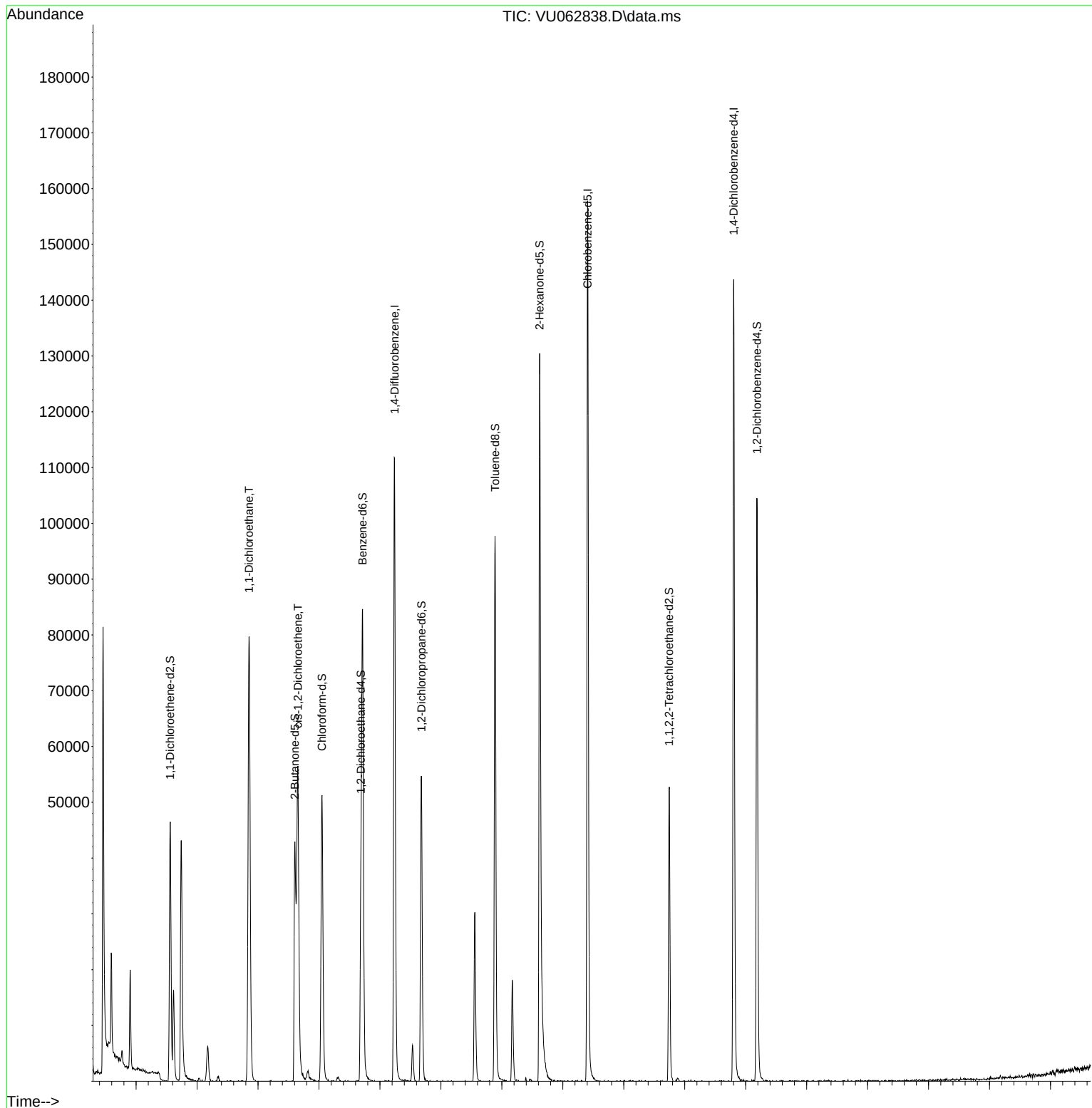
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	93578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	11515	2.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.400%
7) Chloroethane-d5	1.901	69	13155	3.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.557	65	7340	2.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	4.602	46	57894	54.656	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.320%
24) Chloroform-d	5.049	84	50181	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.689	65	30674	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.715	84	77627	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.679	67	23433	3.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.888	98	68566	3.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	8.171	79	11232	3.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.618	63	47143	50.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24620	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	30700	4.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
12) 1,1-Dichloroethene	2.567	96	5066	0.872	ug/L #	1
13) Acetone	2.615	43	17885	21.314	ug/L	98
19) 1,1-Dichloroethane	3.853	63	89646	8.056	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	28940	4.270	ug/L	96

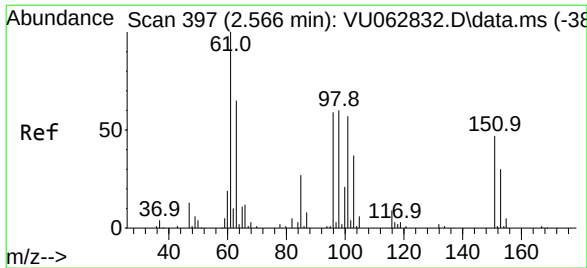
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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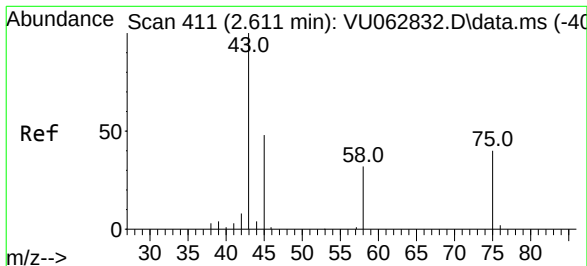
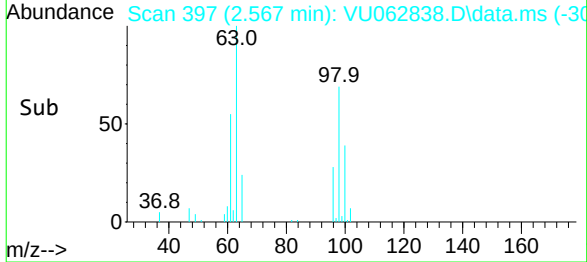
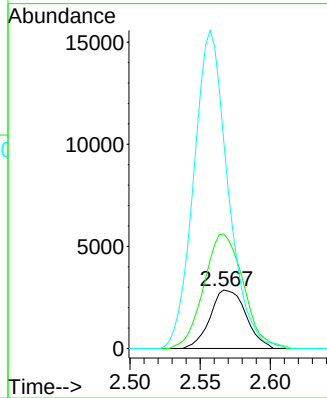
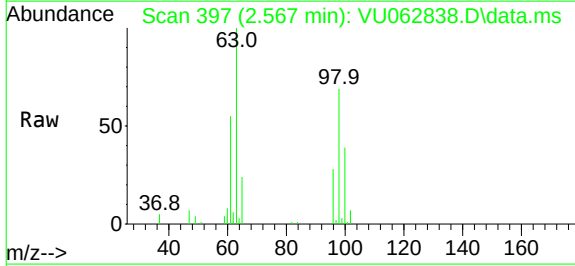




#12
1,1-Dichloroethene
Concen: 0.872 ug/L
RT: 2.567 min Scan# 39
Delta R.T. 0.000 min
Lab File: VU062838.D
Acq: 16 Jan 2025 23:03

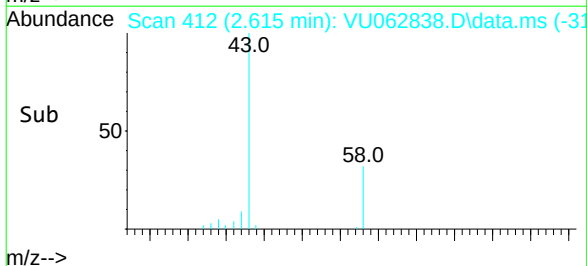
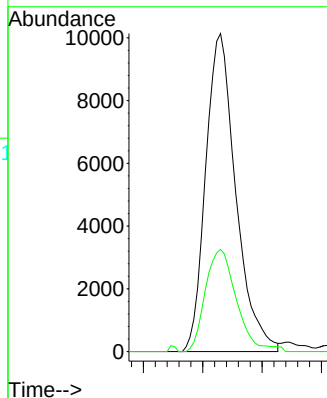
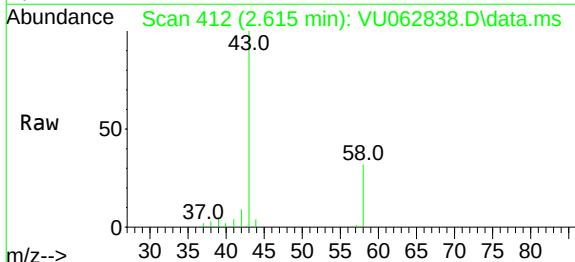
Instrument :
MSVOA_U
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GCQ68DL

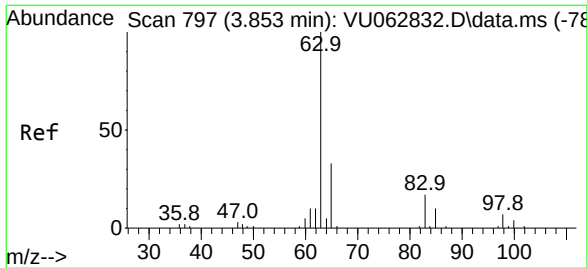
Tgt Ion: 96 Resp: 5066
Ion Ratio Lower Upper
96 100
61 196.1 120.4 223.6
63 356.8 82.3 152.9#



#13
Acetone
Concen: 21.314 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.004 min
Lab File: VU062838.D
Acq: 16 Jan 2025 23:03

Tgt Ion: 43 Resp: 17885
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.4

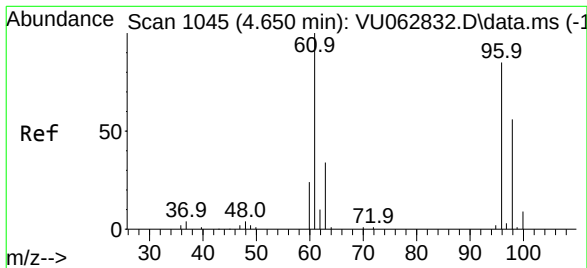
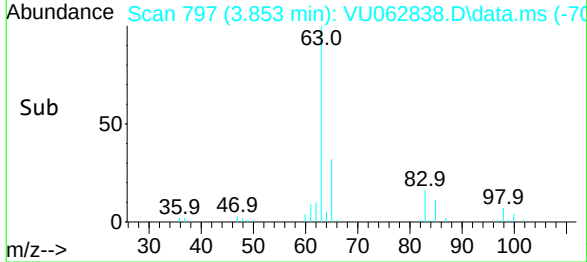
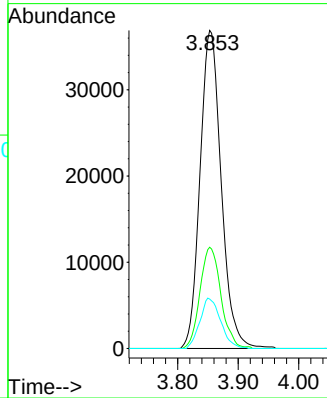
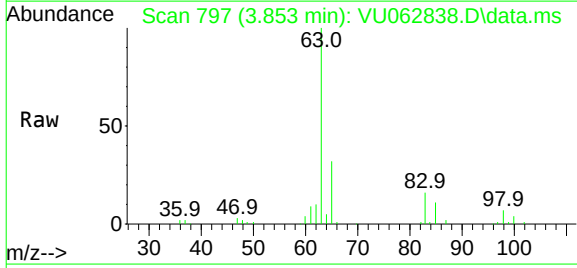




#19
1,1-Dichloroethane
Concen: 8.056 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062838.D
Acq: 16 Jan 2025 23:03

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Tgt Ion:	63	Resp:	89646
Ion	Ratio	Lower	Upper
63	100		
65	31.8	20.7	38.5
83	15.5	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 4.270 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.004 min
Lab File: VU062838.D
Acq: 16 Jan 2025 23:03

Tgt Ion:	96	Resp:	28940
Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.8	157.6
98	67.8	43.1	80.1

