

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062839.D
 Acq On : 16 Jan 2025 23:28
 Operator : MD/SY
 Sample : Q1071-03DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ69DL

Quant Time: Jan 17 00:08:14 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)

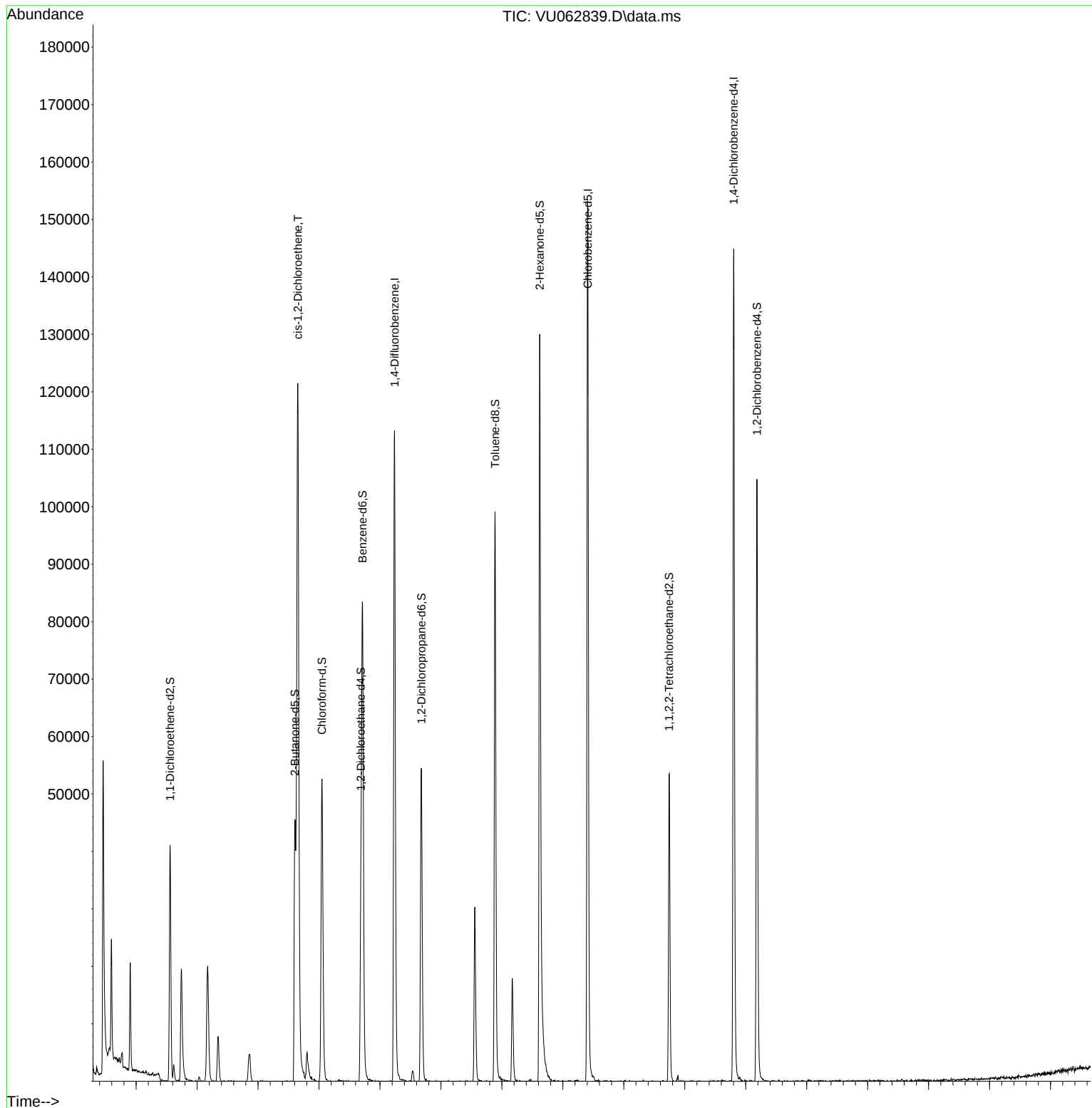
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95722	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12054	2.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.400%
7) Chloroethane-d5	1.904	69	12741	2.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.800%#
11) 1,1-Dichloroethene-d2	2.557	65	7265	2.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.000%#
20) 2-Butanone-d5	4.605	46	59369	54.793	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.580%
24) Chloroform-d	5.049	84	51751	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.689	65	30640	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.714	84	77071	3.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.679	67	23714	4.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.888	98	68871	3.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.174	79	10972	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.621	63	45378	49.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24791	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	31626	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	1521	0.256	ug/L #	1
18) trans-1,2-Dichloroethene	3.345	96	3783	0.594	ug/L	89
19) 1,1-Dichloroethane	3.866	63	6321	0.555	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	65348	9.426	ug/L	98

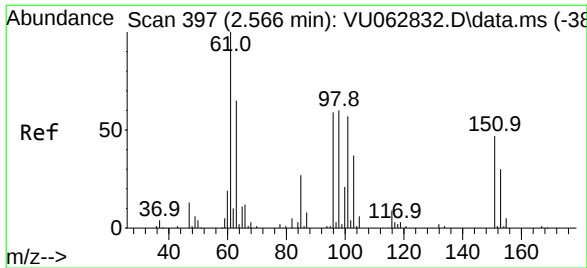
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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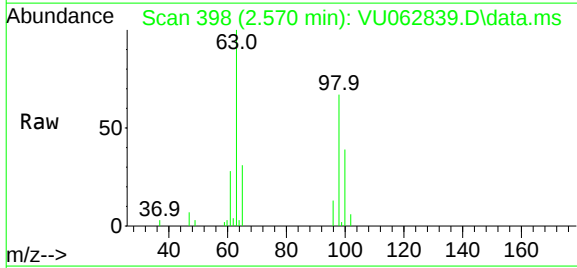
Quant Time: Jan 17 00:08:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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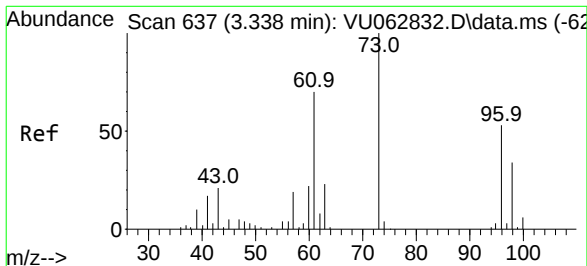
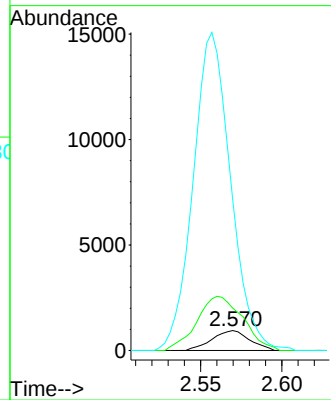
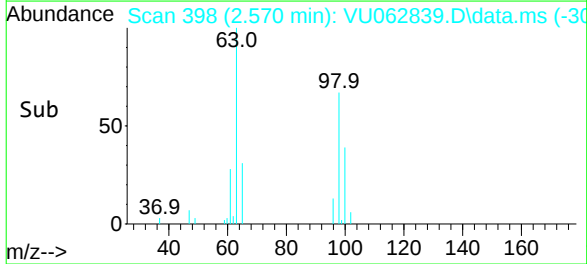


#12
1,1-Dichloroethene
Concen: 0.256 ug/L
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU062839.D
Acq: 16 Jan 2025 23:28

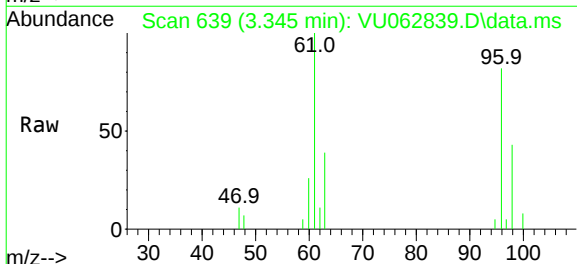
Instrument :
MSVOA_U
ClientSampleId :
GCQ69DL



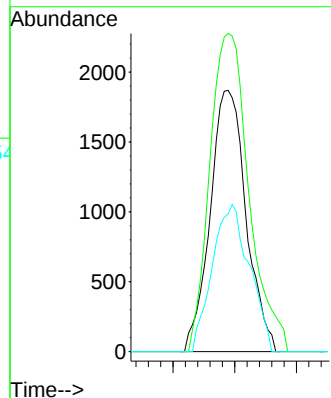
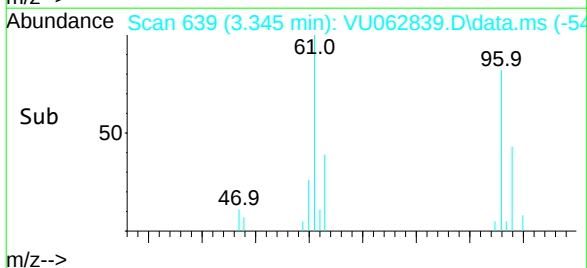
Tgt Ion: 96 Resp: 1521
Ion Ratio Lower Upper
96 100
61 211.9 120.4 223.6
63 752.9 82.3 152.9#

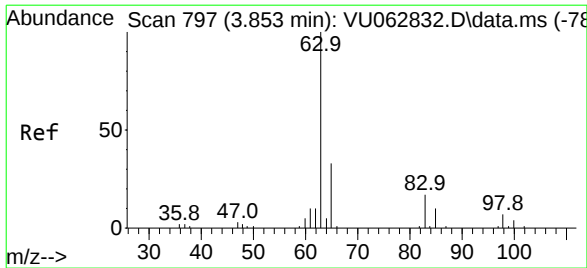


#18
trans-1,2-Dichloroethene
Concen: 0.594 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.007 min
Lab File: VU062839.D
Acq: 16 Jan 2025 23:28



Tgt Ion: 96 Resp: 3783
Ion Ratio Lower Upper
96 100
61 121.8 94.4 175.2
98 52.7 42.8 79.4

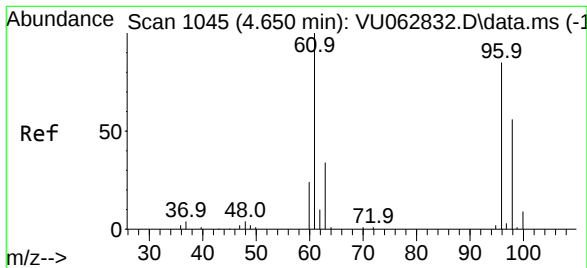
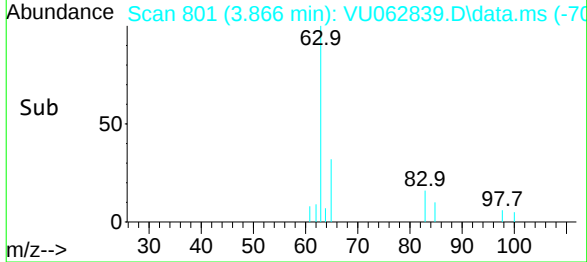
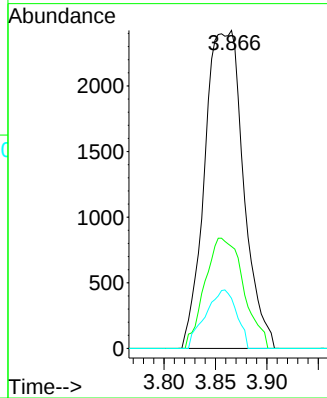
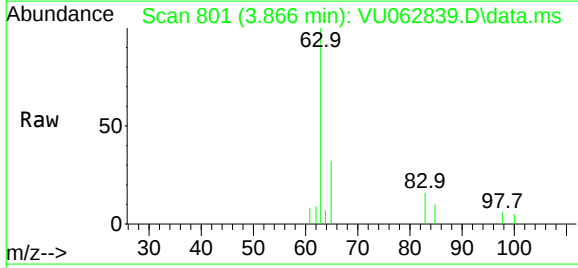




#19
1,1-Dichloroethane
Concen: 0.555 ug/L
RT: 3.866 min Scan# 80
Delta R.T. 0.013 min
Lab File: VU062839.D
Acq: 16 Jan 2025 23:28

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	63	Resp:	6321
Ion	Ratio	Lower	Upper
63	100		
65	30.0	20.7	38.5
83	14.7	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 9.426 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU062839.D
Acq: 16 Jan 2025 23:28

Tgt Ion:	96	Resp:	65348
Ion	Ratio	Lower	Upper
96	100		
61	119.4	84.8	157.6
98	63.4	43.1	80.1

