

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062876.D
 Acq On : 17 Jan 2025 17:00
 Operator : MD/SY
 Sample : Q1071-10DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ76DL

Quant Time: Jan 17 22:00:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

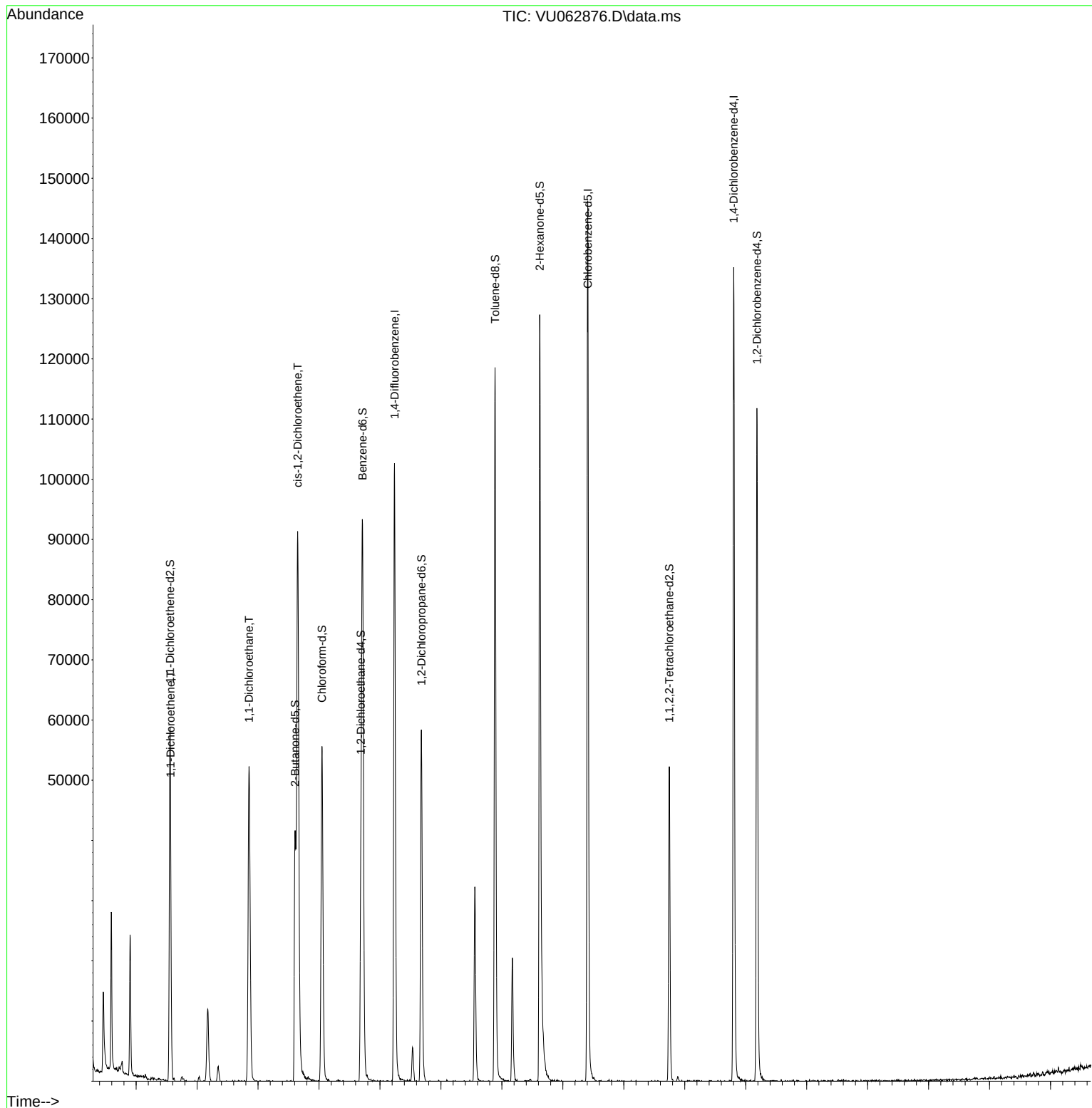
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17252	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.901	69	17231	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.557	65	9936	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.608	46	53389	55.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	5.049	84	54190	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	32114	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.714	84	87333	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.679	67	24832	4.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	83016	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.171	79	12619	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.621	63	45695	53.160	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23764	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	32441	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
12) 1,1-Dichloroethene	2.566	96	4903	0.921	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	1256	0.220	ug/L	97
19) 1,1-Dichloroethane	3.853	63	56629	5.553	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	48540	7.815	ug/L	97

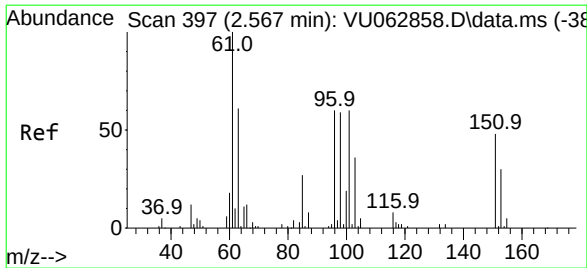
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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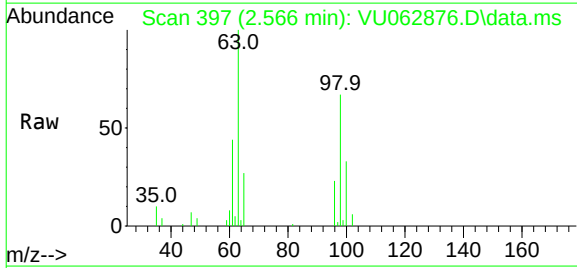
Quant Time: Jan 17 22:00:56 2025
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Quant Title : TRACE VOA SFAM1.0
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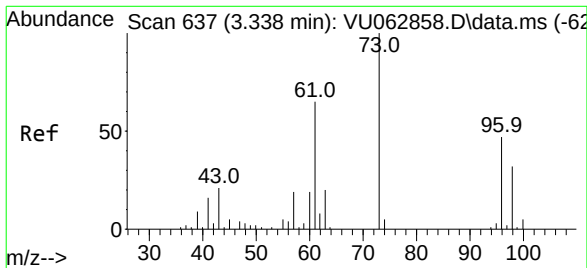
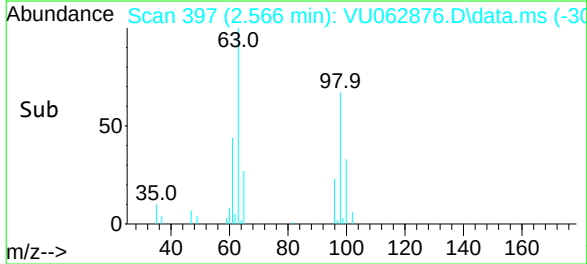
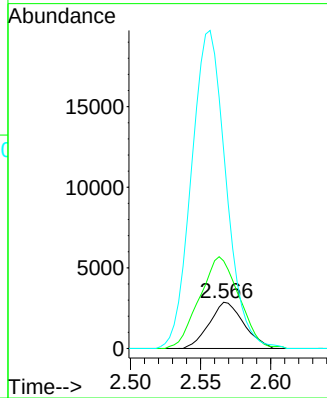


#12
1,1-Dichloroethene
Concen: 0.921 ug/L
RT: 2.566 min Scan# 39
Delta R.T. -0.000 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

Instrument :
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GCQ76DL

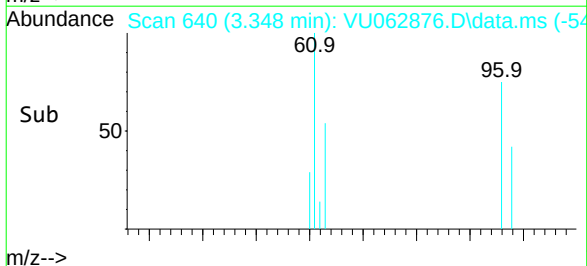
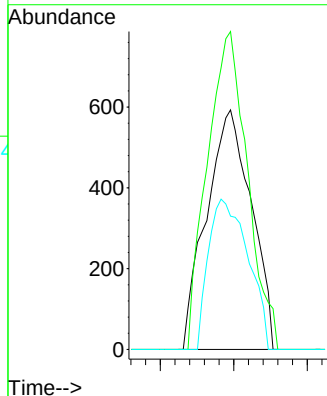
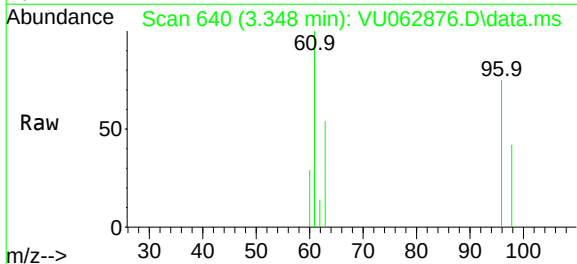


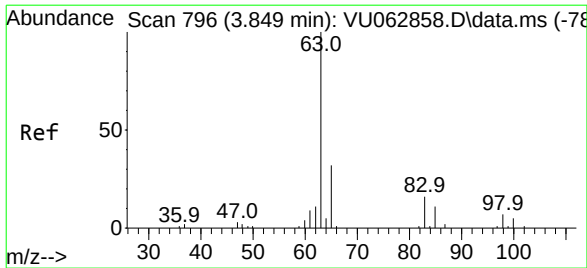
Tgt Ion: 96 Resp: 4903
Ion Ratio Lower Upper
96 100
61 189.3 120.4 223.6
63 428.8 82.3 152.9#



#18
trans-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

Tgt Ion: 96 Resp: 1256
Ion Ratio Lower Upper
96 100
61 132.7 94.4 175.2
98 55.6 42.8 79.4

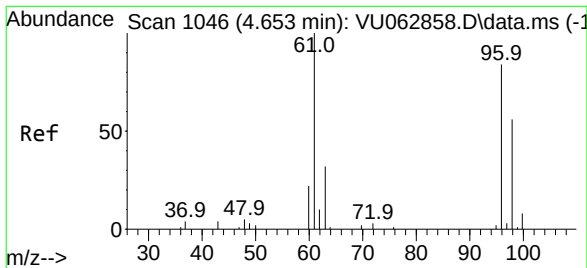
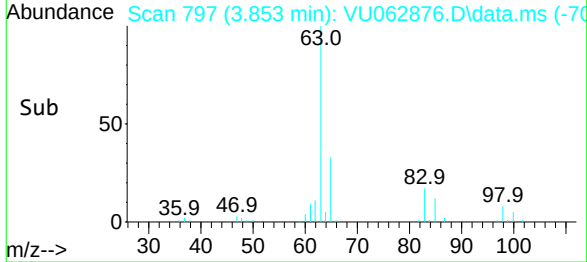
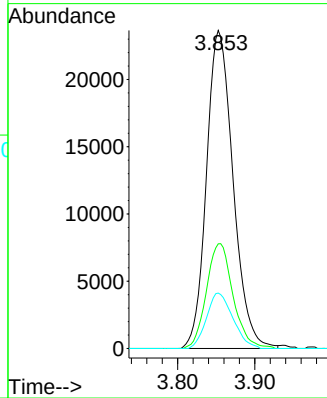
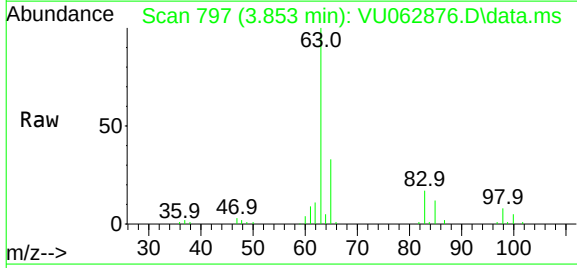




#19
1,1-Dichloroethane
Concen: 5.553 ug/L
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

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Tgt Ion: 63	Resp: 56629
Ion Ratio	Lower Upper
63 100	
65 32.9	20.7 38.5
83 17.4	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 7.815 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062876.D
Acq: 17 Jan 2025 17:00

Tgt Ion: 96	Resp: 48540
Ion Ratio	Lower Upper
96 100	
61 118.5	84.8 157.6
98 63.8	43.1 80.1

