

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062918.D
 Acq On : 20 Jan 2025 14:43
 Operator : MD/SY
 Sample : Q1071-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ81

Quant Time: Jan 21 02:42:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

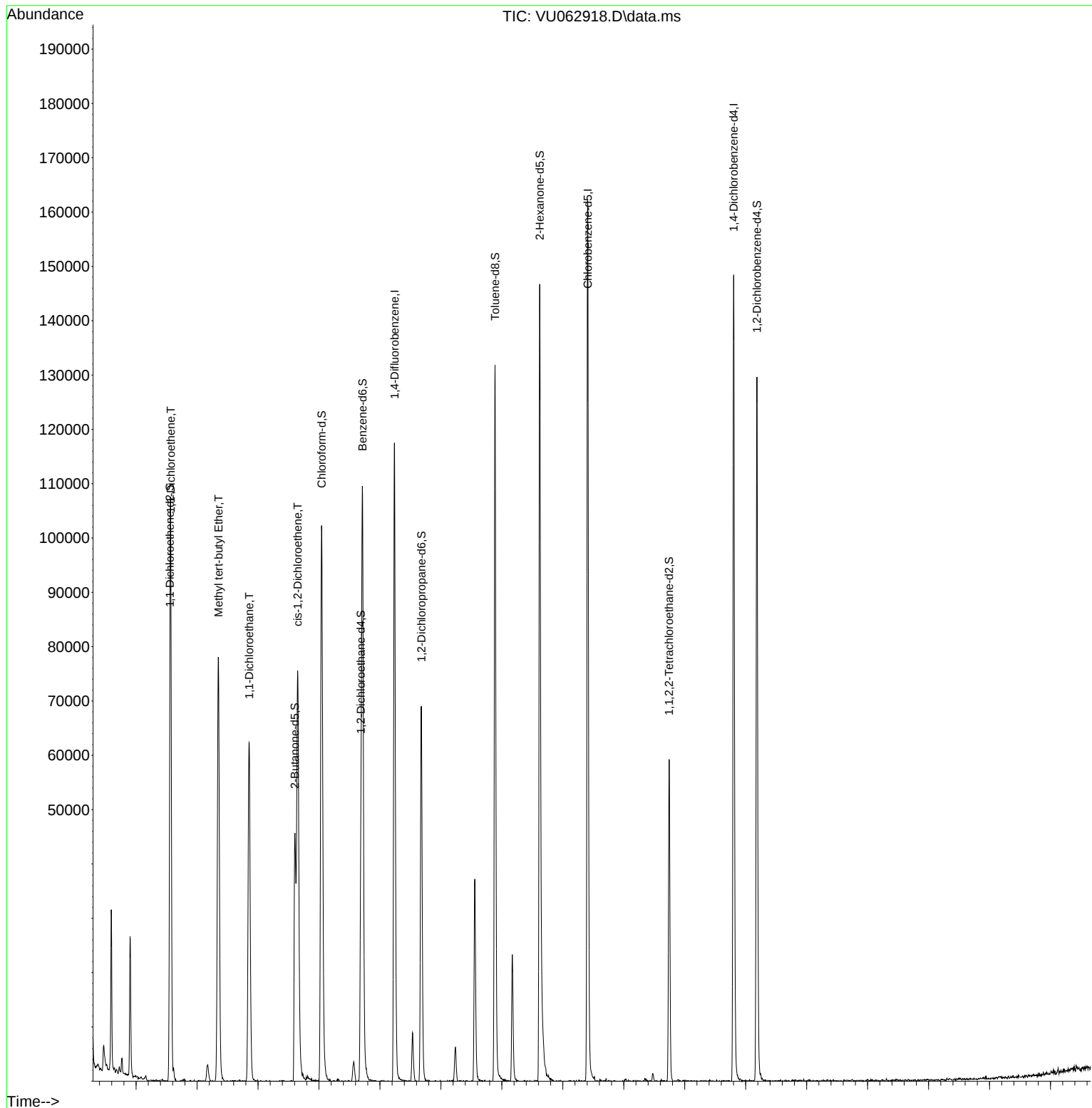
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	95665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19042	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.901	69	18306	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.554	65	11102	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.605	46	63277	58.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.860%
24) Chloroform-d	5.046	84	62988	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.689	65	36613	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.714	84	100187	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.679	67	29435	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	89830	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.171	79	14117	4.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.621	63	48962	50.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26689	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35783	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	25381	4.274	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	90489	5.544	ug/L	98
19) 1,1-Dichloroethane	3.856	63	70261	6.176	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	39791	5.743	ug/L	94
34) Trichloroethene	6.534	95	3174	0.356	ug/L	92

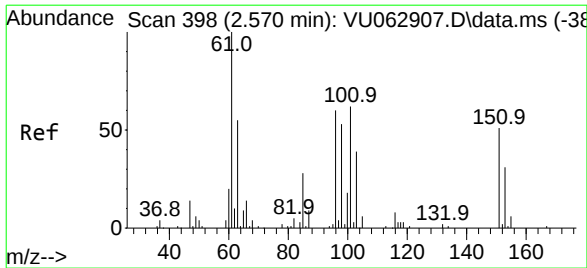
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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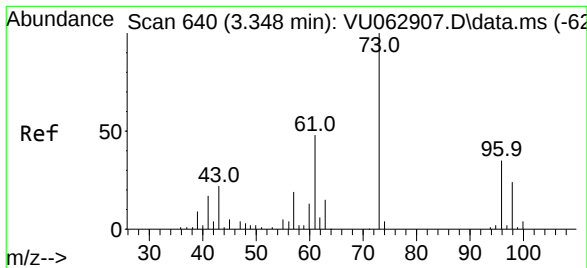
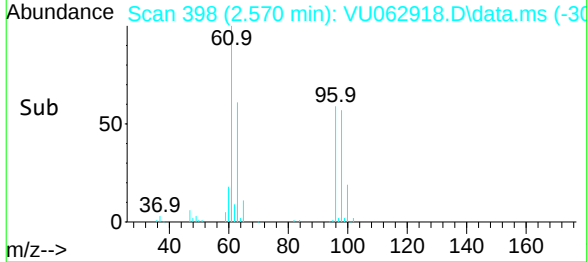
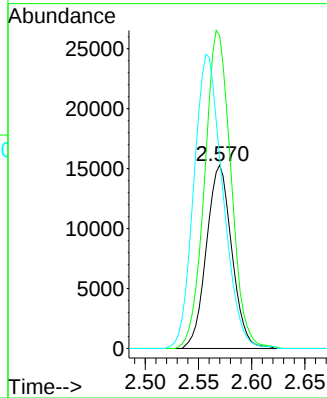
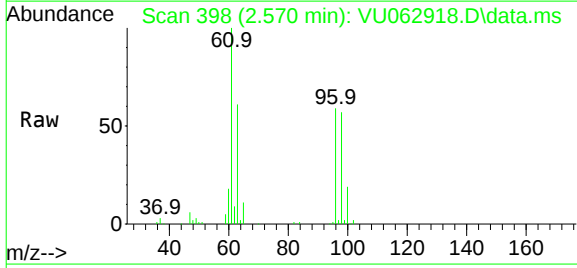




#12
1,1-Dichloroethene
Concen: 4.274 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

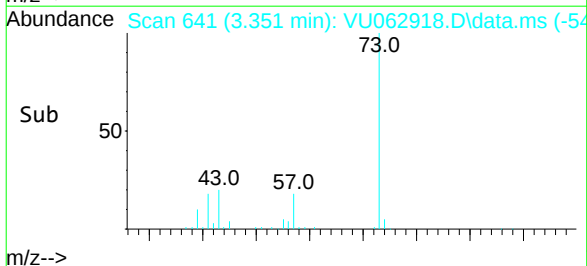
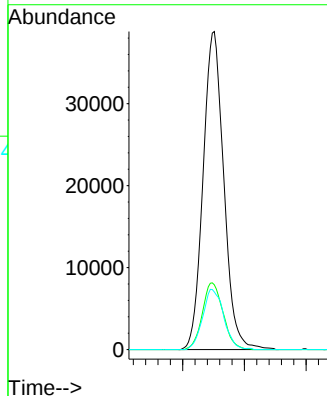
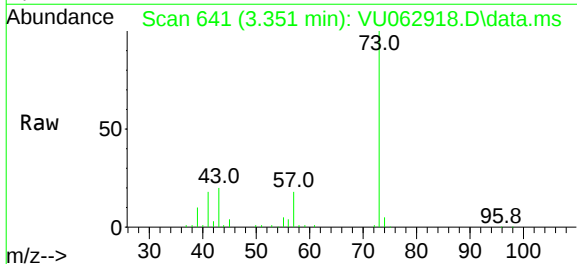
Instrument :
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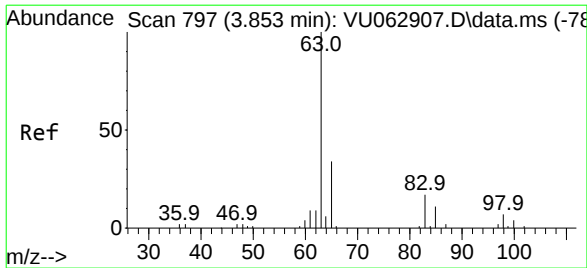
Tgt Ion: 96 Resp: 25381
Ion Ratio Lower Upper
96 100
61 170.5 120.4 223.6
63 104.2 82.3 152.9



#17
Methyl tert-butyl Ether
Concen: 5.544 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

Tgt Ion: 73 Resp: 90489
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 19.2 14.6 22.0

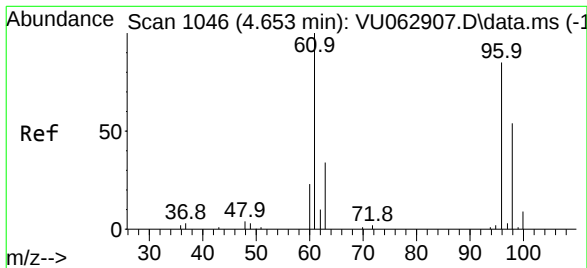
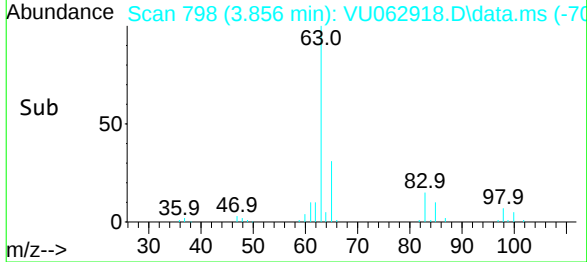
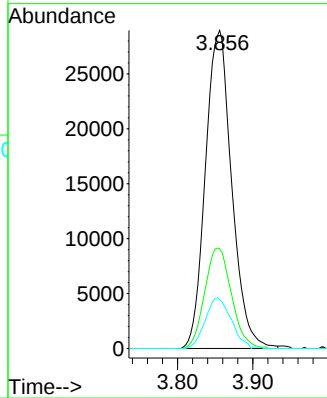
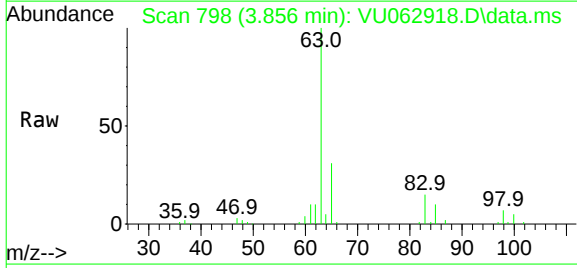




#19
1,1-Dichloroethane
Concen: 6.176 ug/L
RT: 3.856 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

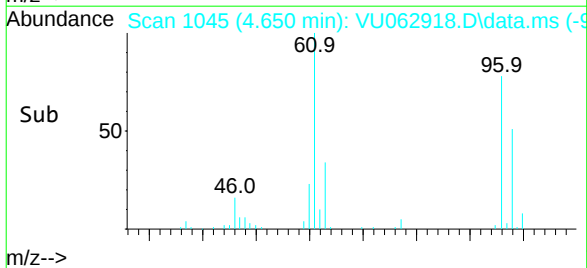
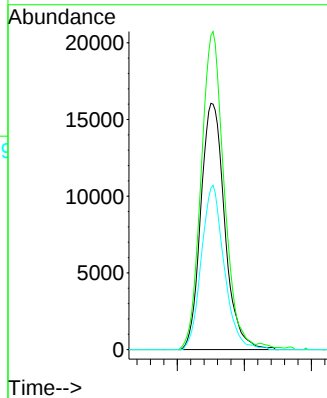
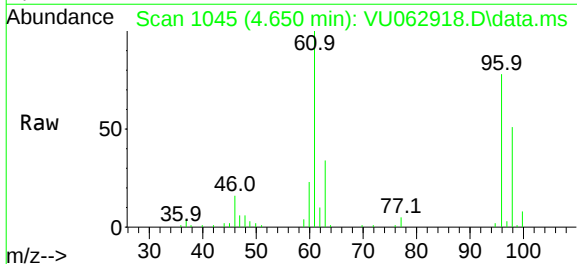
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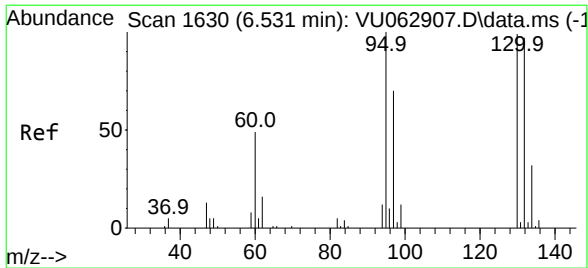
Tgt Ion: 63	Resp: 70261
Ion Ratio	Lower Upper
63 100	
65 31.4	20.7 38.5
83 15.4	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 5.743 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062918.D
Acq: 20 Jan 2025 14:43

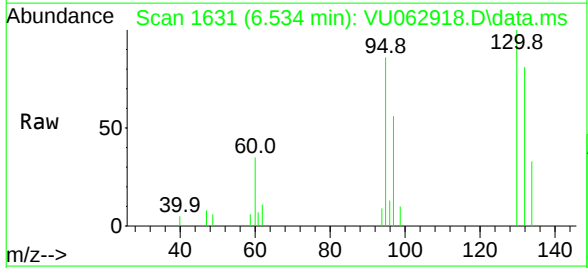
Tgt Ion: 96	Resp: 39791
Ion Ratio	Lower Upper
96 100	
61 127.6	84.8 157.6
98 65.6	43.1 80.1





#34
 Trichloroethene
 Concen: 0.356 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062918.D
 Acq: 20 Jan 2025 14:43

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ81



Tgt Ion:	95	Resp:	3174
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.5	88.3
132	94.6	66.9	124.3
130	116.9	68.6	127.4

