

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062810.D
 Acq On : 16 Jan 2025 11:20
 Operator : MD/SY
 Sample : Q1071-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ83

Quant Time: Jan 16 22:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

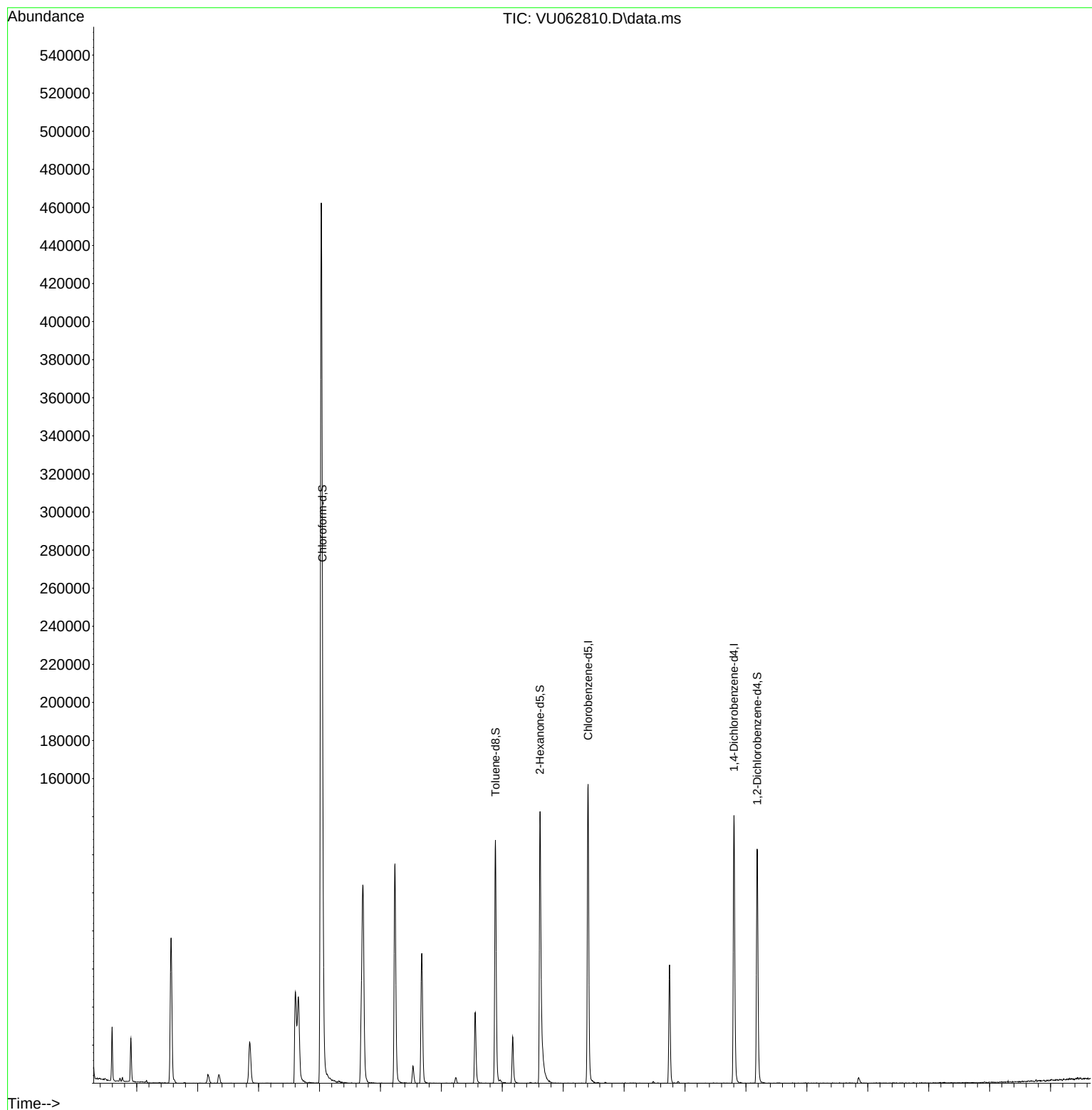
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15922	3.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.904	69	16441	3.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	9657	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.602	46	68283	64.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.180%
24) Chloroform-d	5.049	84	61837	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.689	65	36982	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.714	84	99385	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.679	67	29809	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	88530	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.171	79	15004	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.618	63	53774	56.933	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.860%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	28062	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36106	5.321	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	15170	2.616	ug/L #	81
17) Methyl tert-butyl Ether	3.348	73	3585	0.225	ug/L	98
19) 1,1-Dichloroethane	3.856	63	24594	2.214	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	23359	3.453	ug/L	95
34) Trichloroethene	6.537	95	3034	0.348	ug/L	94

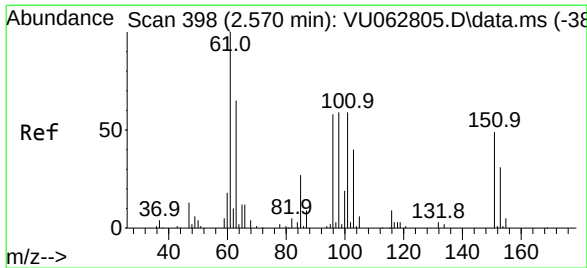
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 22:02:47 2025
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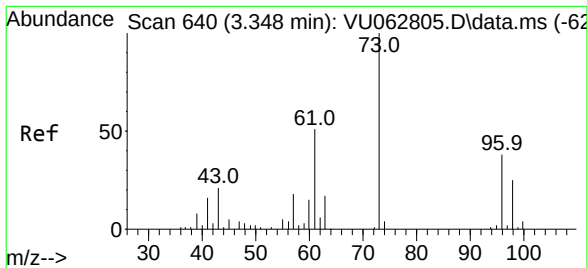
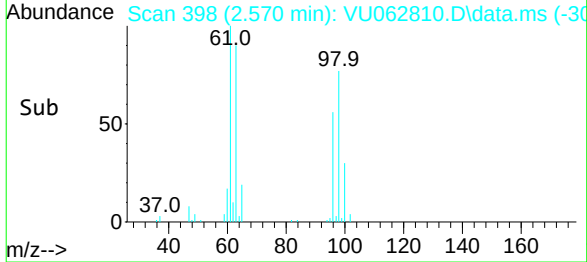
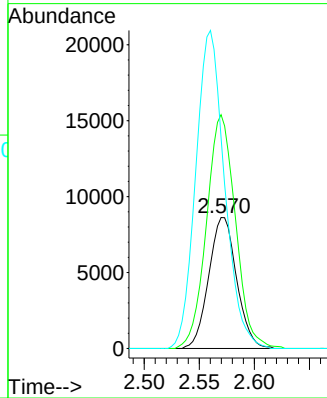
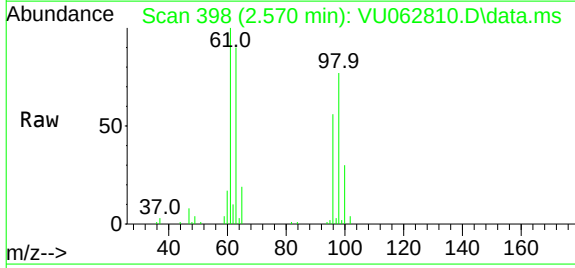




#12
1,1-Dichloroethene
Concen: 2.616 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

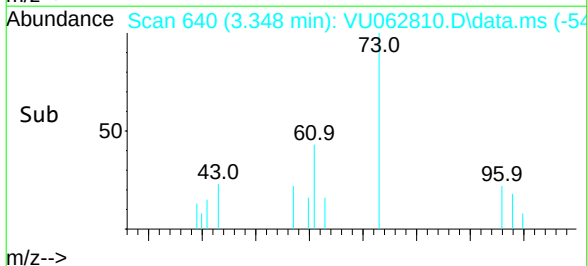
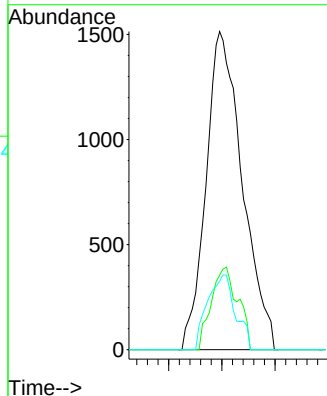
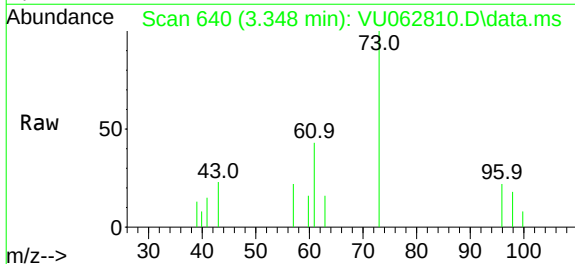
Instrument :
MSVOA_U
ClientSampleId :
GCQ83

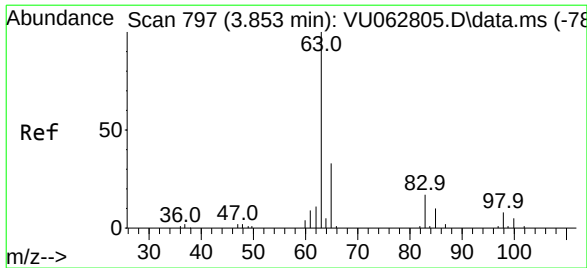
Tgt Ion: 96 Resp: 15170
Ion Ratio Lower Upper
96 100
61 178.6 120.4 223.6
63 161.1 82.3 152.9#



#17
Methyl tert-butyl Ether
Concen: 0.225 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

Tgt Ion: 73 Resp: 3585
Ion Ratio Lower Upper
73 100
43 19.0 16.2 24.4
57 18.1 14.6 22.0

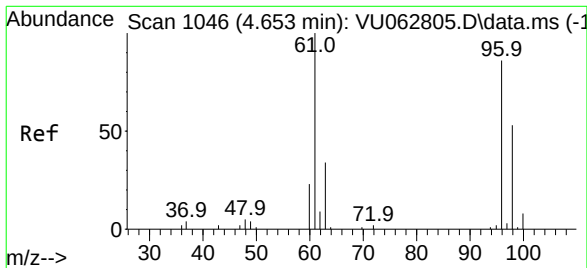
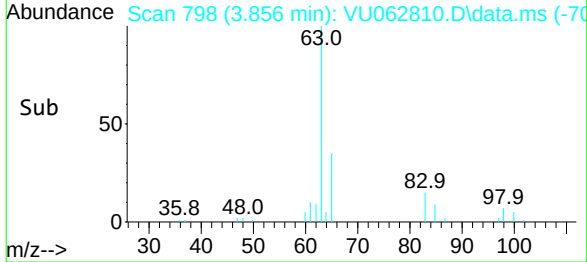
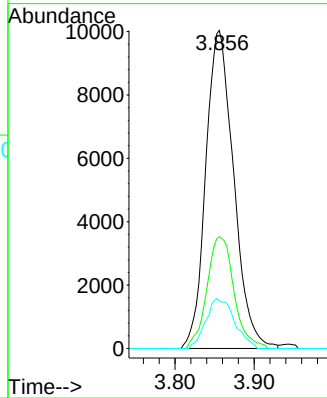
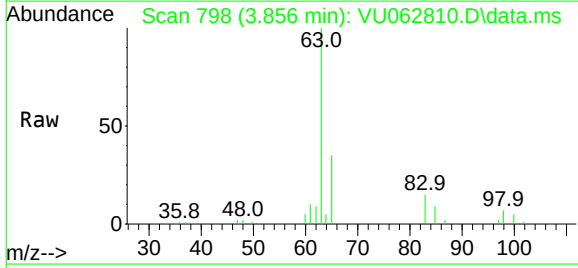




#19
1,1-Dichloroethane
Concen: 2.214 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

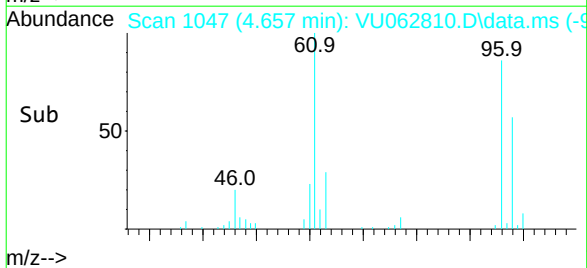
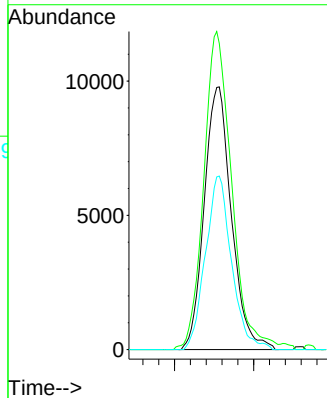
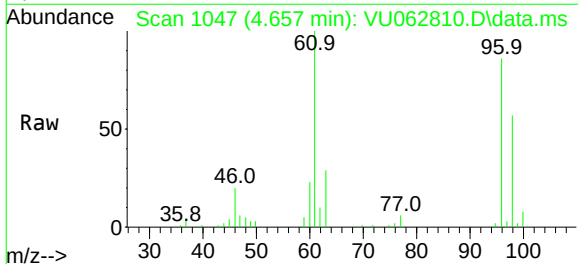
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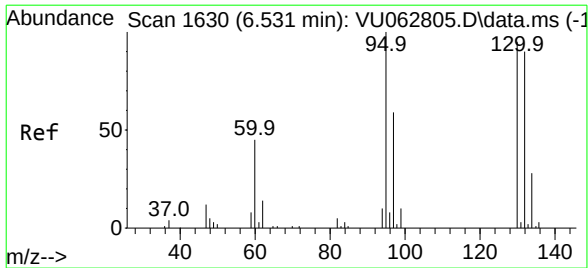
Tgt Ion:	63	Resp:	24594
Ion	Ratio	Lower	Upper
63	100		
65	35.2	20.7	38.5
83	15.0	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 3.453 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062810.D
Acq: 16 Jan 2025 11:20

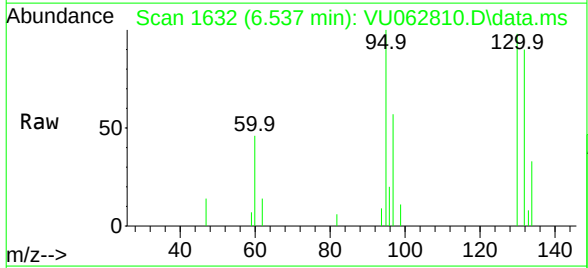
Tgt Ion:	96	Resp:	23359
Ion	Ratio	Lower	Upper
96	100		
61	116.5	84.8	157.6
98	66.1	43.1	80.1





#34
 Trichloroethene
 Concen: 0.348 ug/L
 RT: 6.537 min Scan# 16
 Delta R.T. 0.007 min
 Lab File: VU062810.D
 Acq: 16 Jan 2025 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ83



Tgt Ion:	95	Resp:	3034
Ion	Ratio	Lower	Upper
95	100		
97	57.2	47.5	88.3
132	90.0	66.9	124.3
130	98.1	68.6	127.4

