

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062689.D
 Acq On : 10 Jan 2025 17:16
 Operator : MD/SY
 Sample : Q1058-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y5

Quant Time: Jan 10 22:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

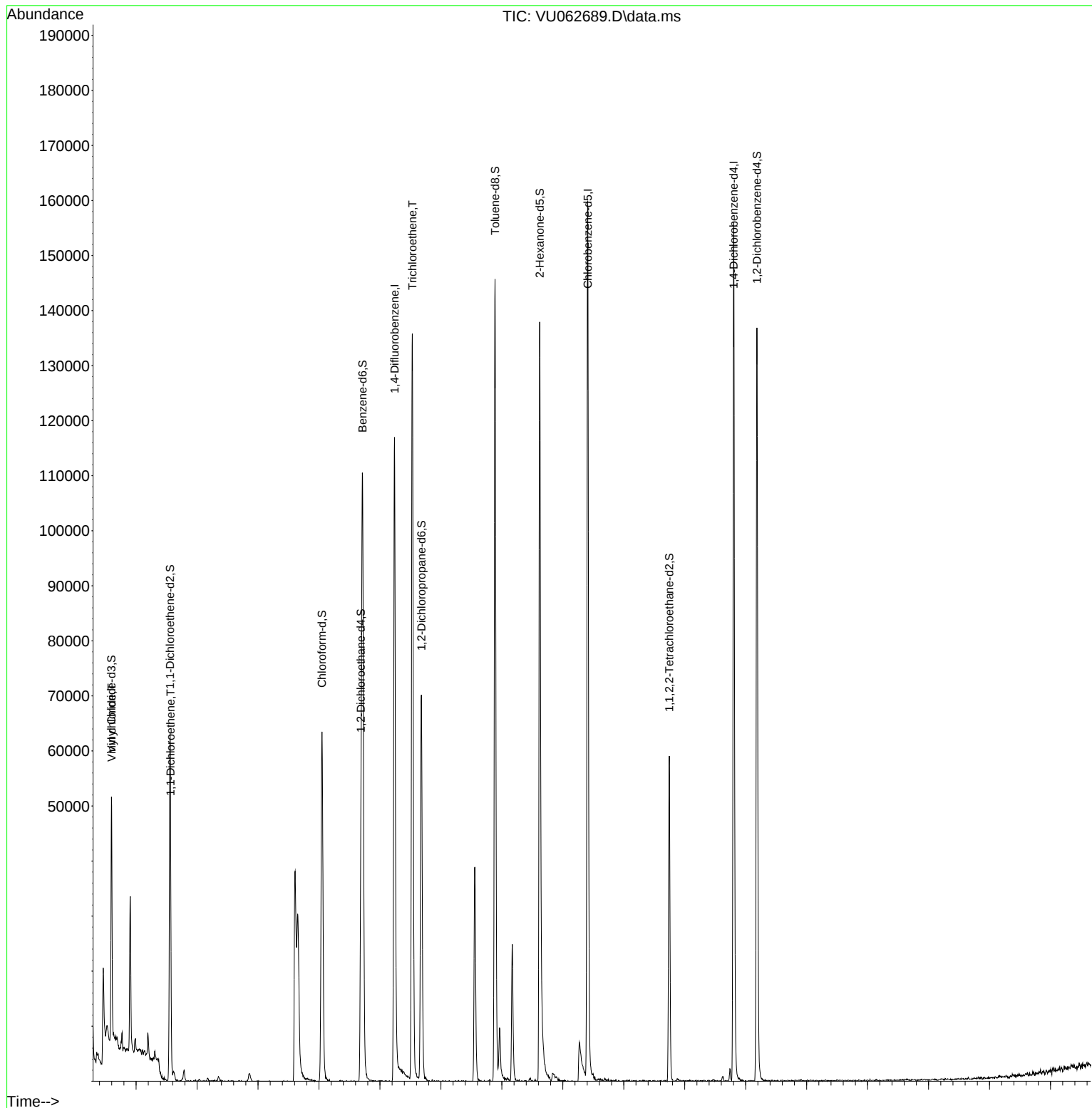
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	95639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21821	4.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.904	69	20195	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.557	65	11446	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.605	46	56612	52.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.580%
24) Chloroform-d	5.049	84	61302	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.689	65	35851	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.715	84	105368	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.679	67	31391	5.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.888	98	99489	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.171	79	15087	5.001	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.621	63	50643	53.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	26925	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	38006	5.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
5) Vinyl chloride	1.599	62	9191	1.335	ug/L #	25
12) 1,1-Dichloroethene	2.567	96	1169	0.197	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	2443	0.215	ug/L #	91
22) cis-1,2-Dichloroethene	4.650	96	14836	2.142	ug/L	99
34) Trichloroethene	6.531	95	47349	5.403	ug/L	96
42) Toluene	7.965	91	7187	0.256	ug/L	96

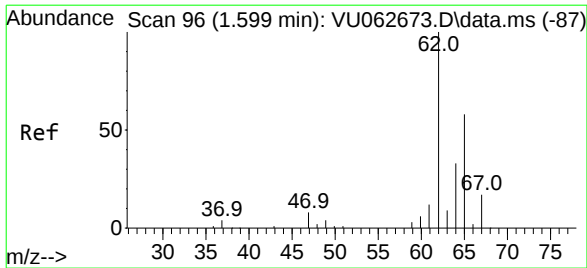
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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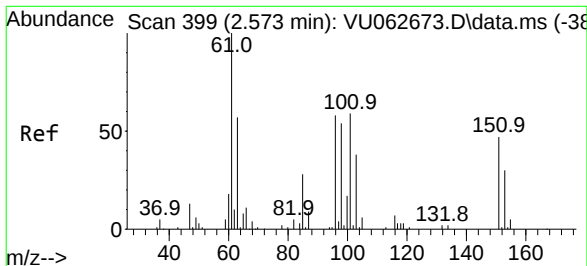
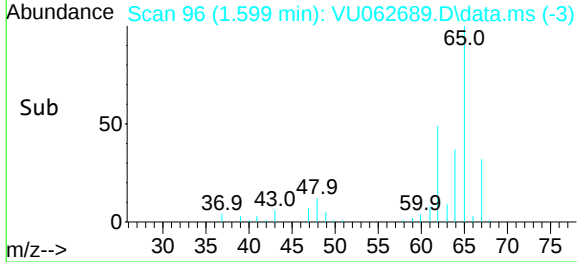
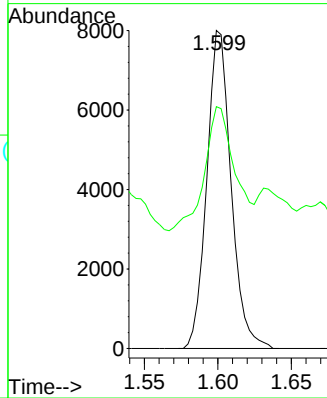
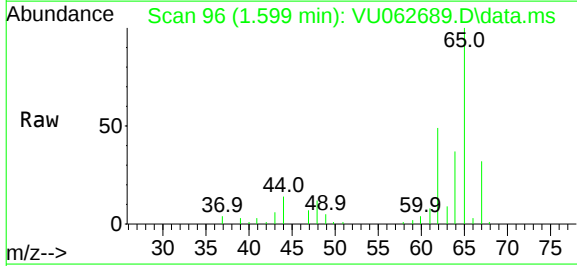




#5
 Vinyl chloride
 Concen: 1.335 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062689.D
 Acq: 10 Jan 2025 17:16

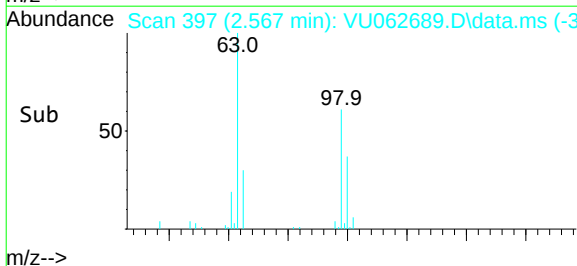
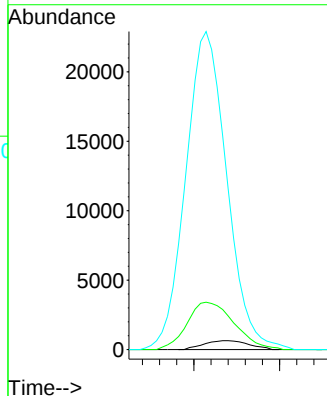
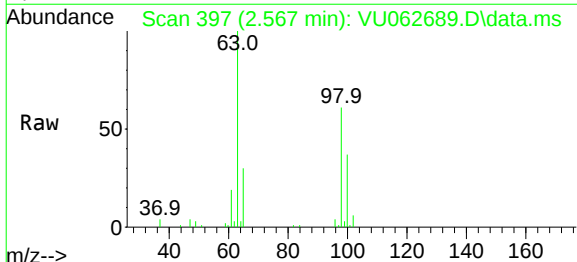
Instrument :
 MSVOA_U
 ClientSampleId :
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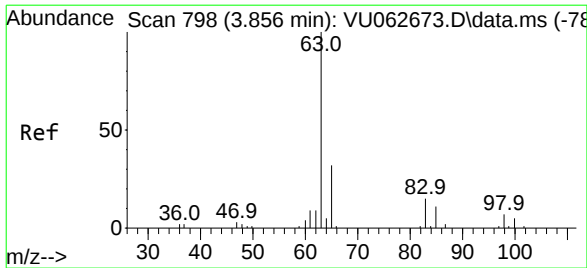
Tgt Ion: 62 Resp: 9191
 Ion Ratio Lower Upper
 62 100
 64 76.0 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 0.197 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VU062689.D
 Acq: 10 Jan 2025 17:16

Tgt Ion: 96 Resp: 1169
 Ion Ratio Lower Upper
 96 100
 61 450.2 120.4 223.6#
 63 2403.3 82.3 152.9#

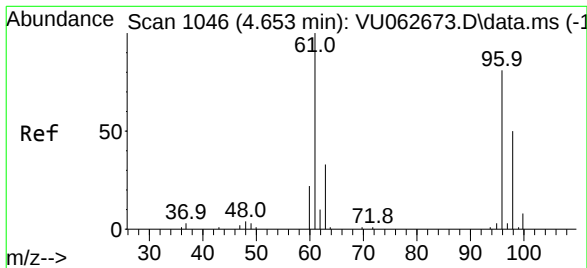
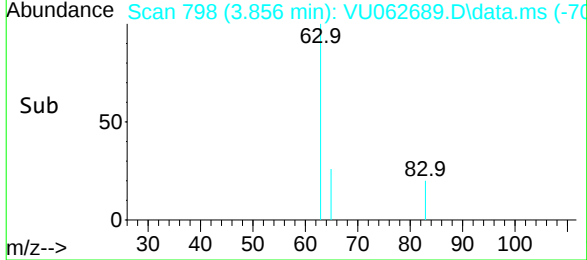
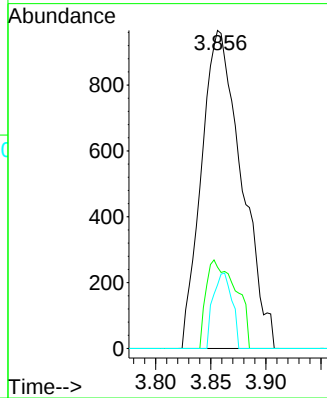
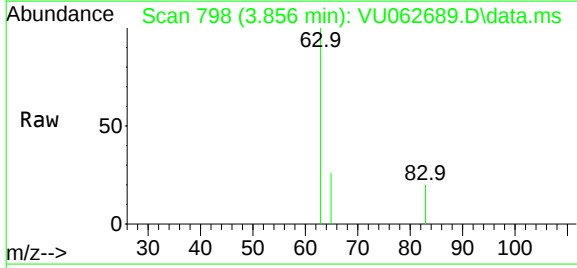




#19
1,1-Dichloroethane
Concen: 0.215 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062689.D
Acq: 10 Jan 2025 17:16

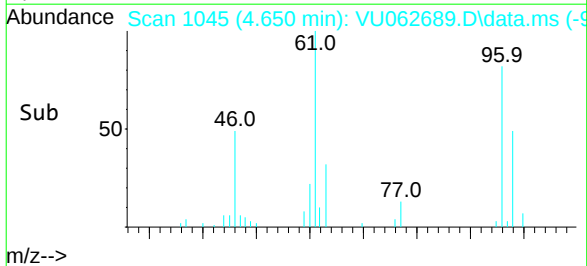
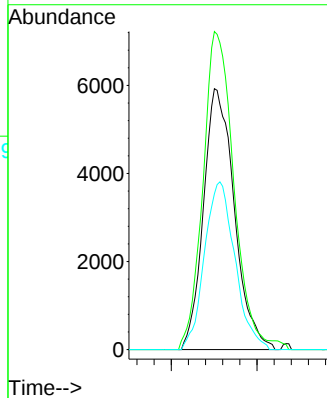
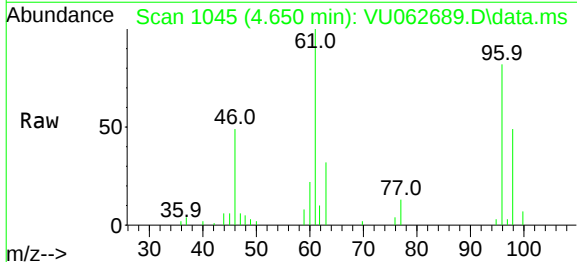
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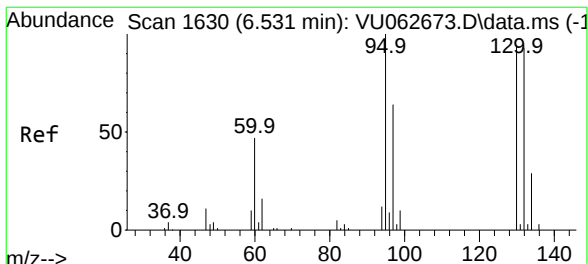
Tgt Ion: 63	Resp: 2443
Ion Ratio	Lower Upper
63 100	
65 25.6	20.7 38.5
83 20.0	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 2.142 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062689.D
Acq: 10 Jan 2025 17:16

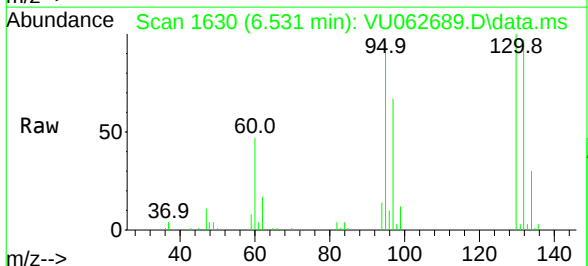
Tgt Ion: 96	Resp: 14836
Ion Ratio	Lower Upper
96 100	
61 121.9	84.8 157.6
98 59.7	43.1 80.1



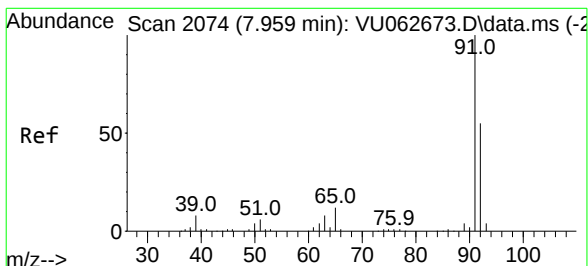
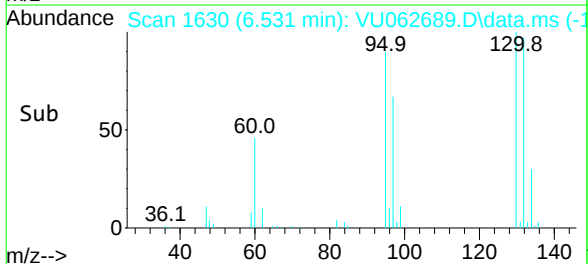
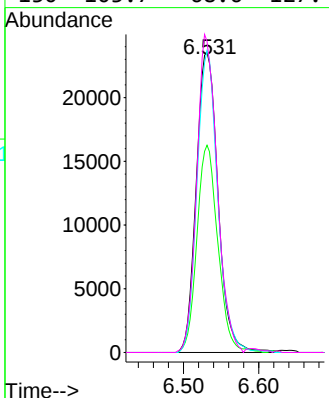


#34
 Trichloroethene
 Concen: 5.403 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062689.D
 Acq: 10 Jan 2025 17:16

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Tgt Ion:	95	Resp:	47349
Ion	Ratio	Lower	Upper
95	100		
97	69.1	47.5	88.3
132	100.7	66.9	124.3
130	103.7	68.6	127.4



#42
 Toluene
 Concen: 0.256 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.007 min
 Lab File: VU062689.D
 Acq: 10 Jan 2025 17:16

Tgt Ion:	91	Resp:	7187
Ion	Ratio	Lower	Upper
91	100		
92	54.6	40.4	75.0

