

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062705.D
 Acq On : 13 Jan 2025 10:14
 Operator : MD/SY
 Sample : Q1059-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z8

Quant Time: Jan 13 19:00:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

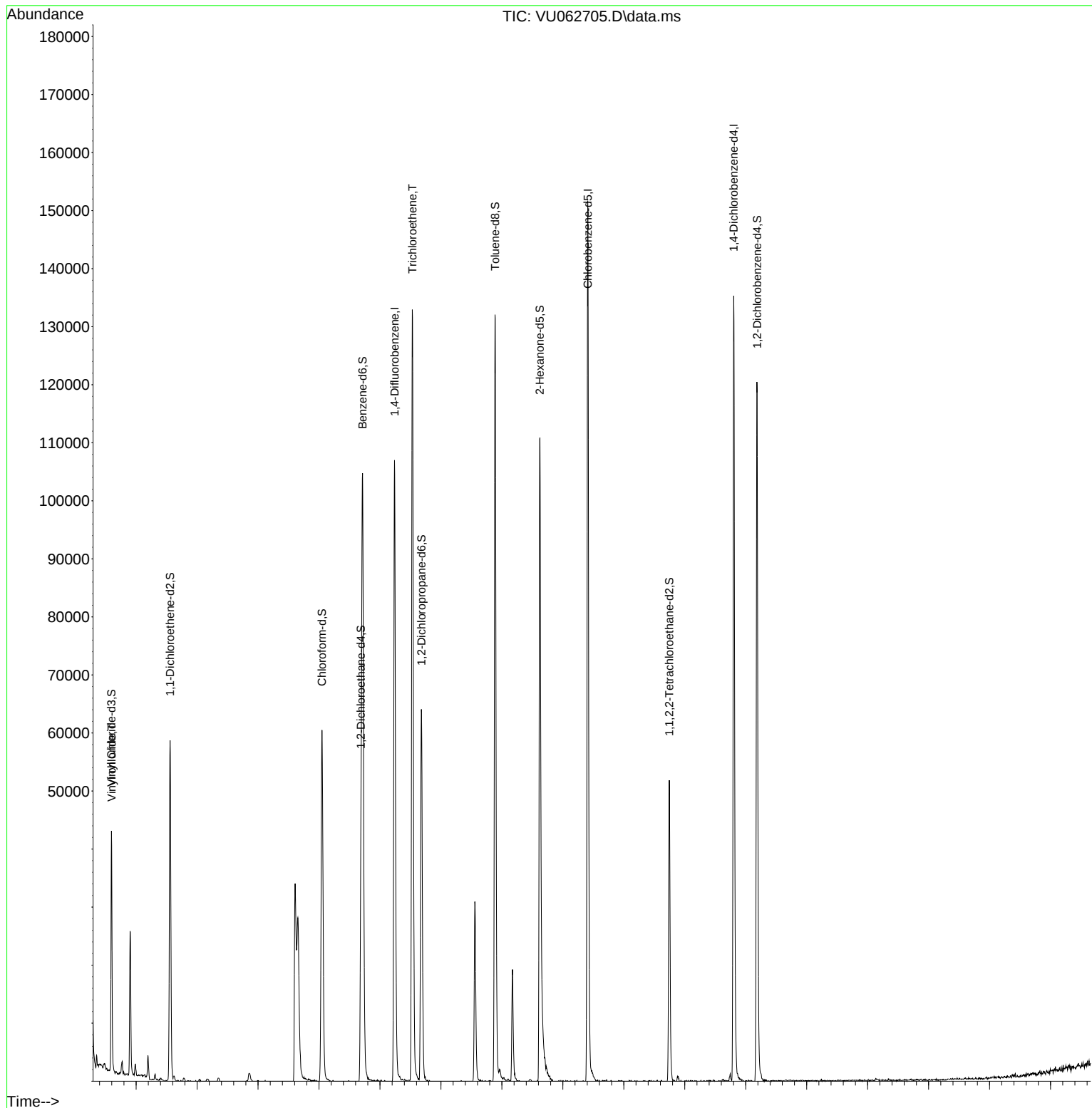
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89390	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39834	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19456	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.901	69	18243	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	11292	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.608	46	48365	47.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.600%
24) Chloroform-d	5.049	84	58551	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	33704	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.714	84	98518	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	28807	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.888	98	91873	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	11053	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.621	63	39975	43.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24224	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34926	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
5) Vinyl chloride	1.599	62	9033	1.404	ug/L	98
19) 1,1-Dichloroethane	3.853	63	2334	0.220	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	14102	2.178	ug/L	96
34) Trichloroethene	6.534	95	47500	5.657	ug/L	97

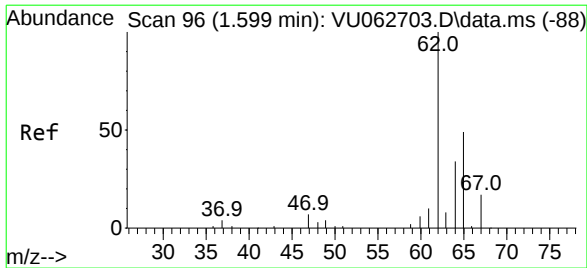
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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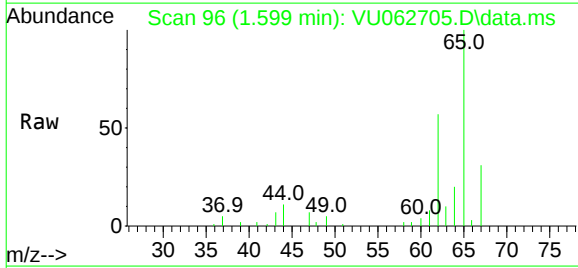
Quant Time: Jan 13 19:00:01 2025
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Quant Title : TRACE VOA SFAM1.0
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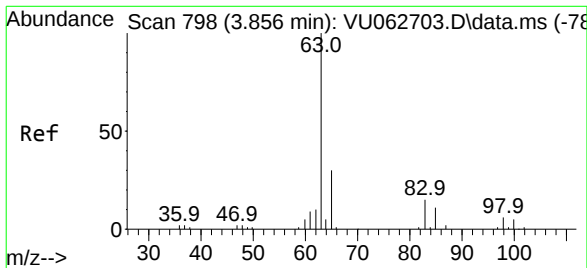
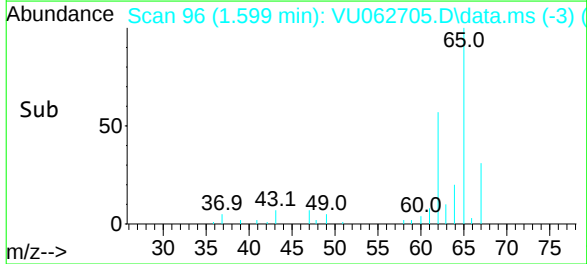
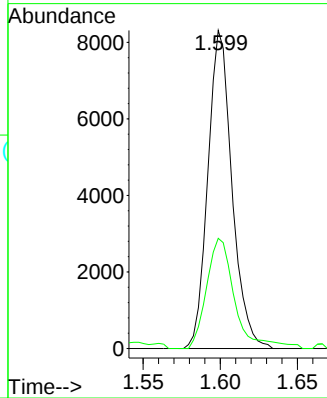


#5
 Vinyl chloride
 Concen: 1.404 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z8

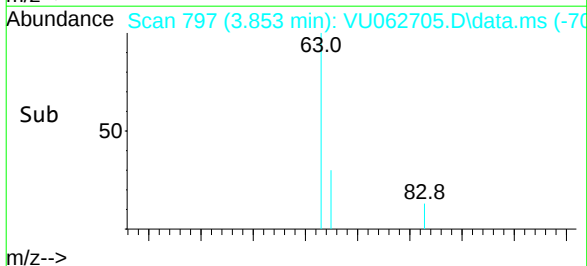
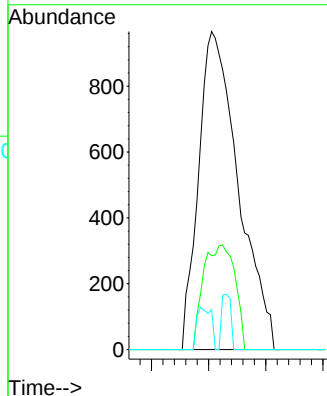
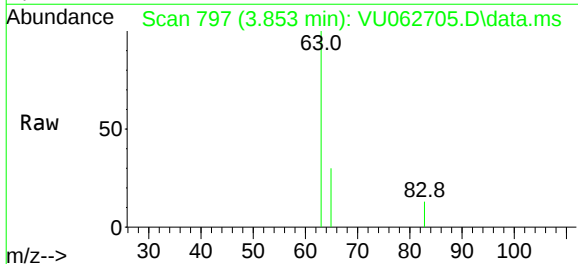


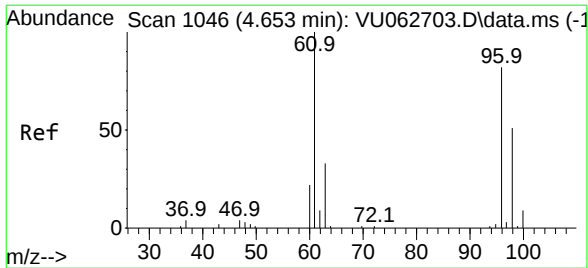
Tgt Ion: 62 Resp: 9033
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.4 43.4



#19
 1,1-Dichloroethane
 Concen: 0.220 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. -0.003 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

Tgt Ion: 63 Resp: 2334
 Ion Ratio Lower Upper
 63 100
 65 29.5 20.7 38.5
 83 12.5 10.5 19.5

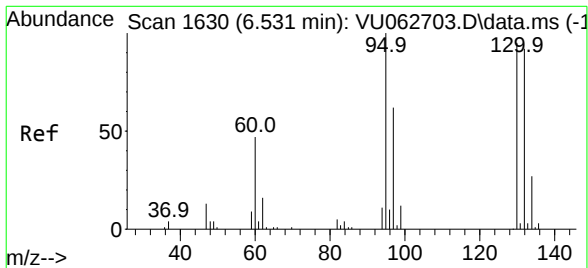
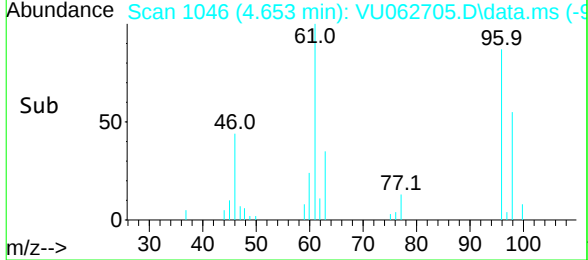
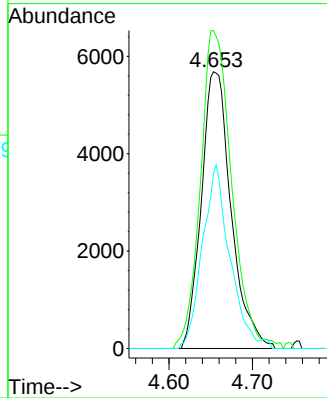
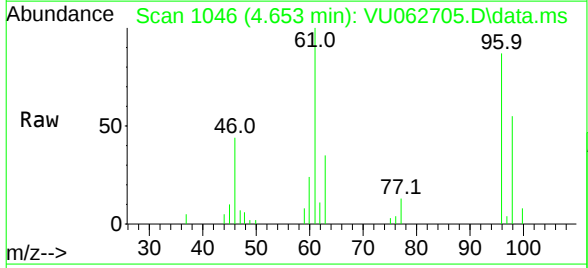




#22
 cis-1,2-Dichloroethene
 Concen: 2.178 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

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Tgt Ion:	96	Resp:	14102
Ion	Ratio	Lower	Upper
96	100		
61	114.9	84.8	157.6
98	63.0	43.1	80.1



#34
 Trichloroethene
 Concen: 5.657 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

Tgt Ion:	95	Resp:	47500
Ion	Ratio	Lower	Upper
95	100		
97	62.9	47.5	88.3
132	91.8	66.9	124.3
130	98.0	68.6	127.4

