

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062706.D
 Acq On : 13 Jan 2025 10:39
 Operator : MD/SY
 Sample : Q1059-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z9

Quant Time: Jan 13 19:00:16 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)

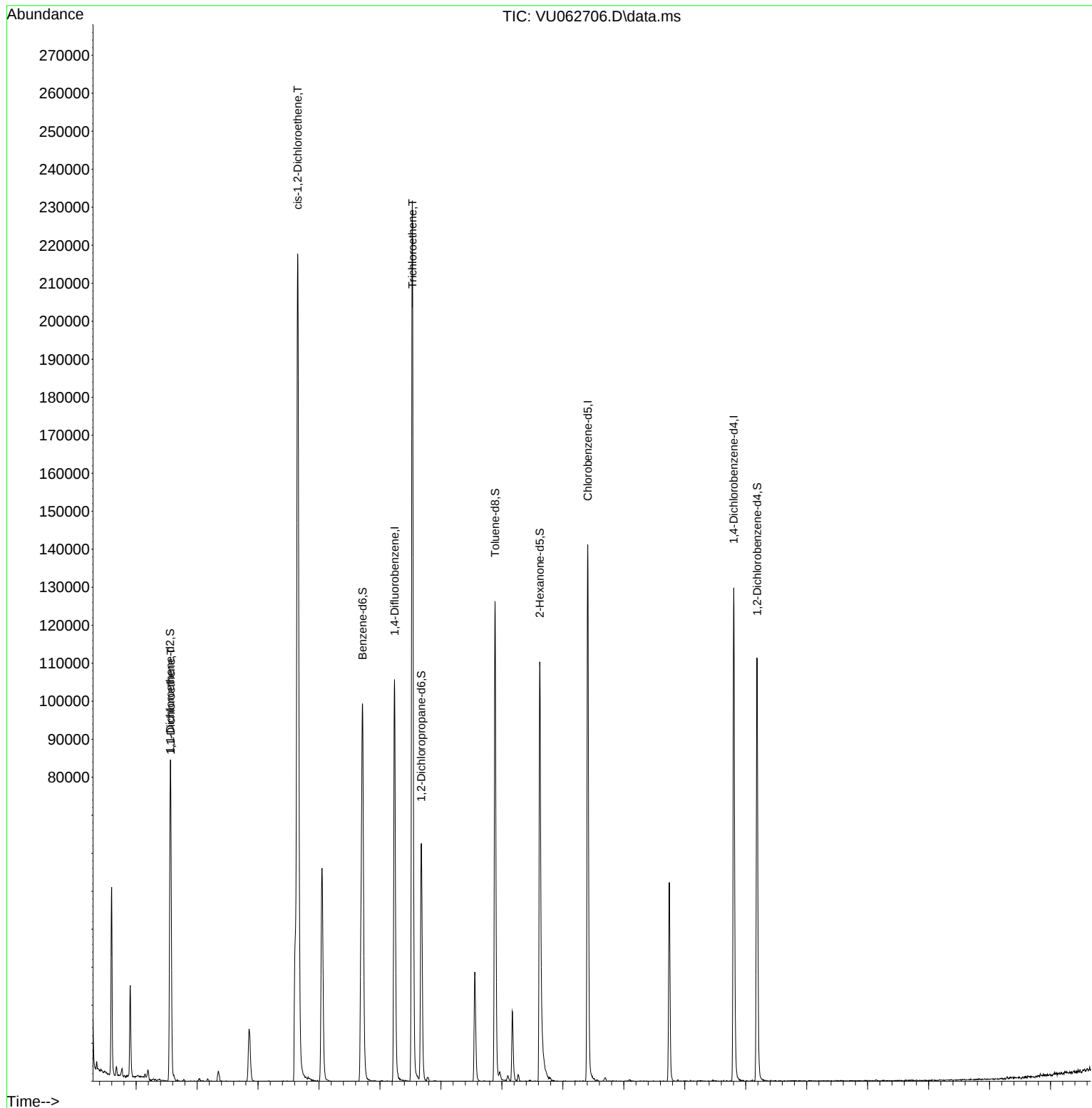
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19140	3.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	17452	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.557	65	11239	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.605	46	47529	48.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.020%
24) Chloroform-d	5.049	84	55297	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	33240	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.714	84	94736	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.676	67	27413	4.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.888	98	86618	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.171	79	11902	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.621	63	39926	46.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24509	5.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	32122	5.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
5) Vinyl chloride	1.599	62	16007	2.542	ug/L	99
12) 1,1-Dichloroethene	2.570	96	16175	2.979	ug/L #	86
18) trans-1,2-Dichloroethene	3.348	96	825	0.142	ug/L #	66
19) 1,1-Dichloroethane	3.853	63	16485	1.585	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	119020	18.788	ug/L	94
34) Trichloroethene	6.531	95	81541	10.238	ug/L	97

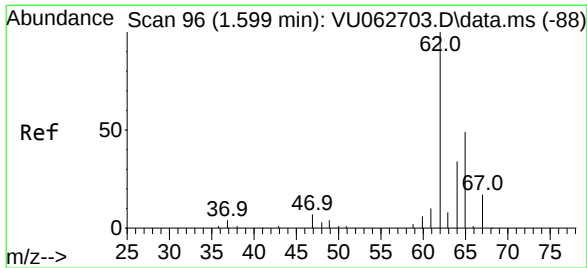
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration

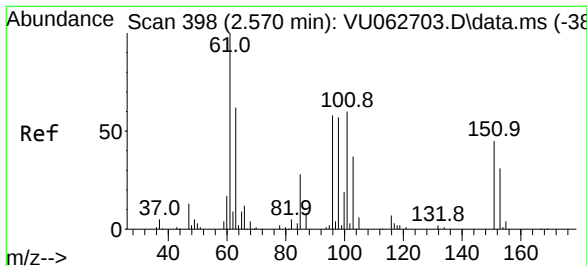
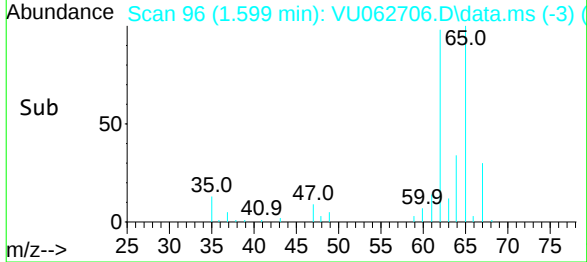
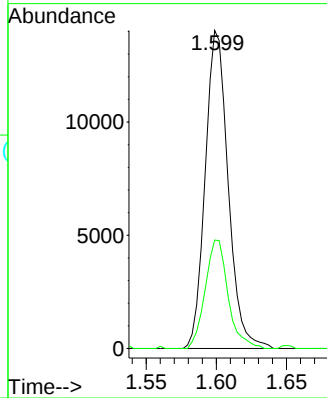
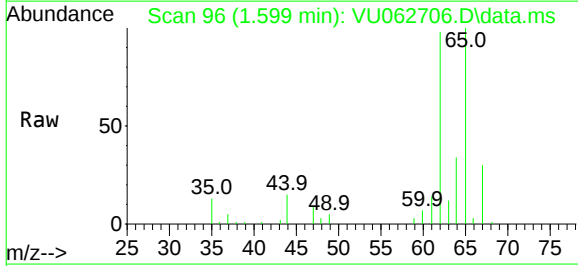




#5
 Vinyl chloride
 Concen: 2.542 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062706.D
 Acq: 13 Jan 2025 10:39

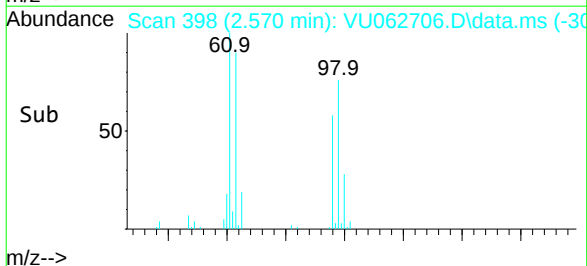
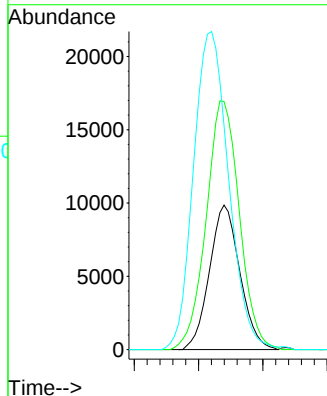
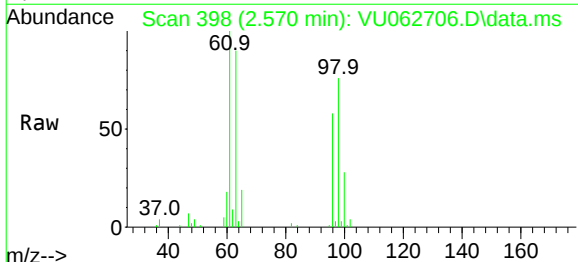
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z9

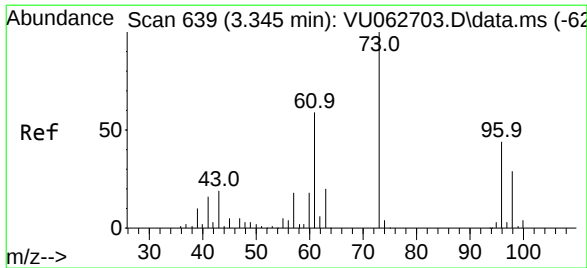
Tgt Ion: 62 Resp: 16007
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 2.979 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062706.D
 Acq: 13 Jan 2025 10:39

Tgt Ion: 96 Resp: 16175
 Ion Ratio Lower Upper
 96 100
 61 171.7 120.4 223.6
 63 154.9 82.3 152.9#

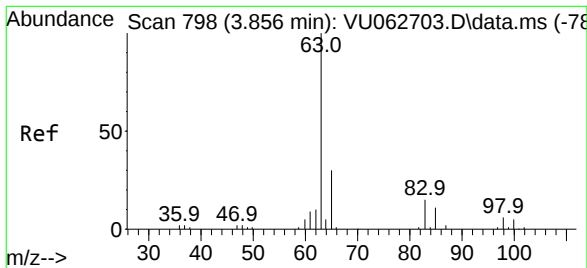
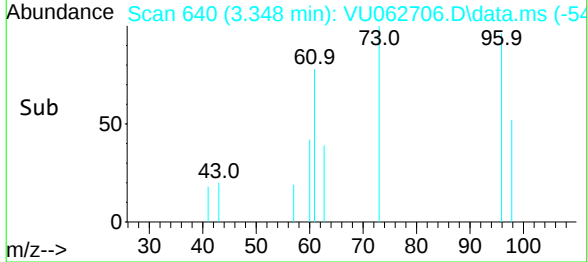
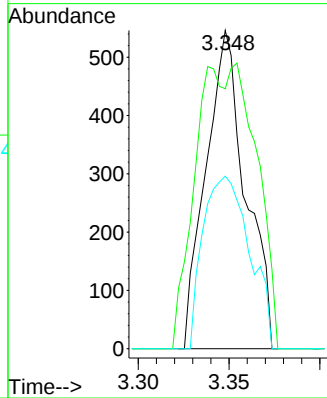
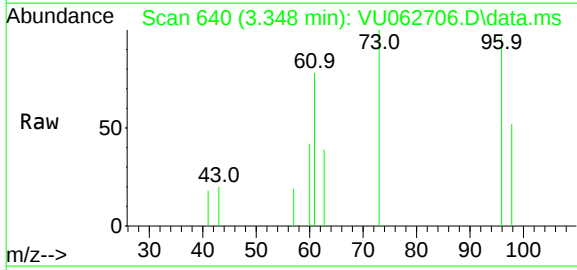




#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU062706.D
Acq: 13 Jan 2025 10:39

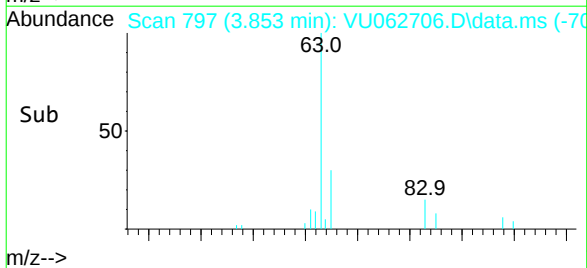
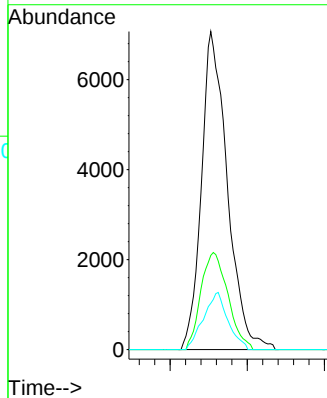
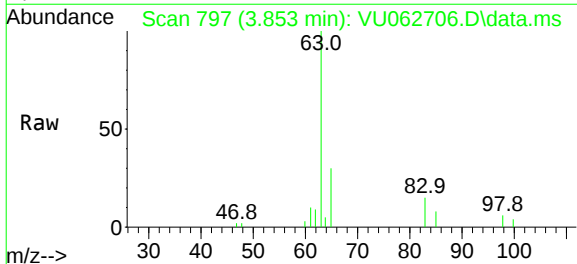
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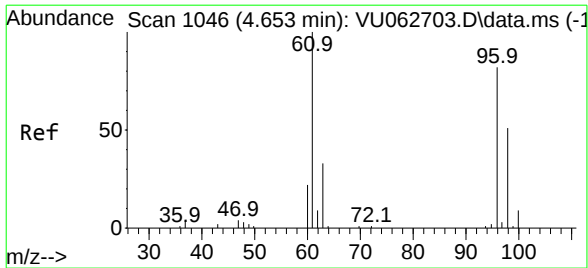
Tgt Ion:	96	Resp:	825
Ion	Ratio	Lower	Upper
96	100		
61	81.7	94.4	175.2#
98	54.2	42.8	79.4



#19
1,1-Dichloroethane
Concen: 1.585 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062706.D
Acq: 13 Jan 2025 10:39

Tgt Ion:	63	Resp:	16485
Ion	Ratio	Lower	Upper
63	100		
65	28.2	20.7	38.5
83	13.8	10.5	19.5

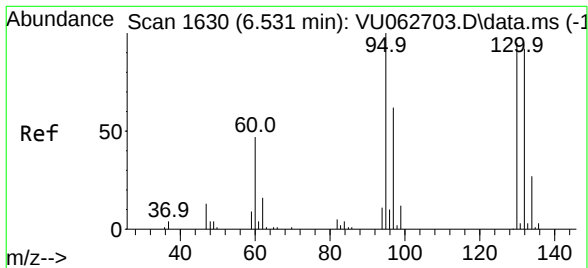
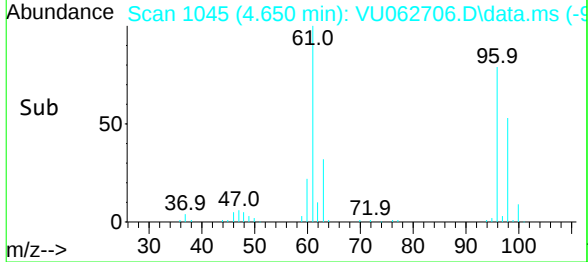
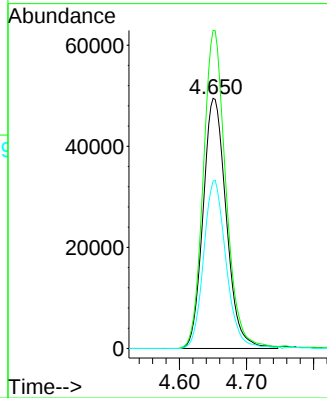
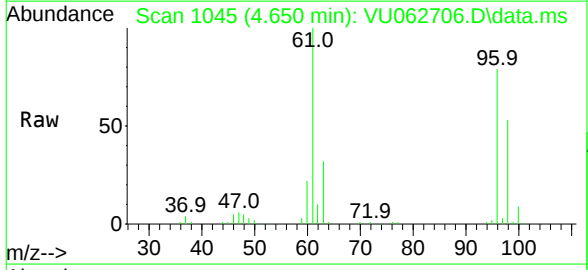




#22
 cis-1,2-Dichloroethene
 Concen: 18.788 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062706.D
 Acq: 13 Jan 2025 10:39

Instrument :
 MSVOA_U
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Tgt Ion:	96	Resp:	119020
Ion	Ratio	Lower	Upper
96	100		
61	127.1	84.8	157.6
98	66.8	43.1	80.1



#34
 Trichloroethene
 Concen: 10.238 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VU062706.D
 Acq: 13 Jan 2025 10:39

Tgt Ion:	95	Resp:	81541
Ion	Ratio	Lower	Upper
95	100		
97	64.1	47.5	88.3
132	92.1	66.9	124.3
130	96.6	68.6	127.4

