

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062886.D
 Acq On : 17 Jan 2025 21:32
 Operator : MD/SY
 Sample : Q1086-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9

Quant Time: Jan 17 23:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

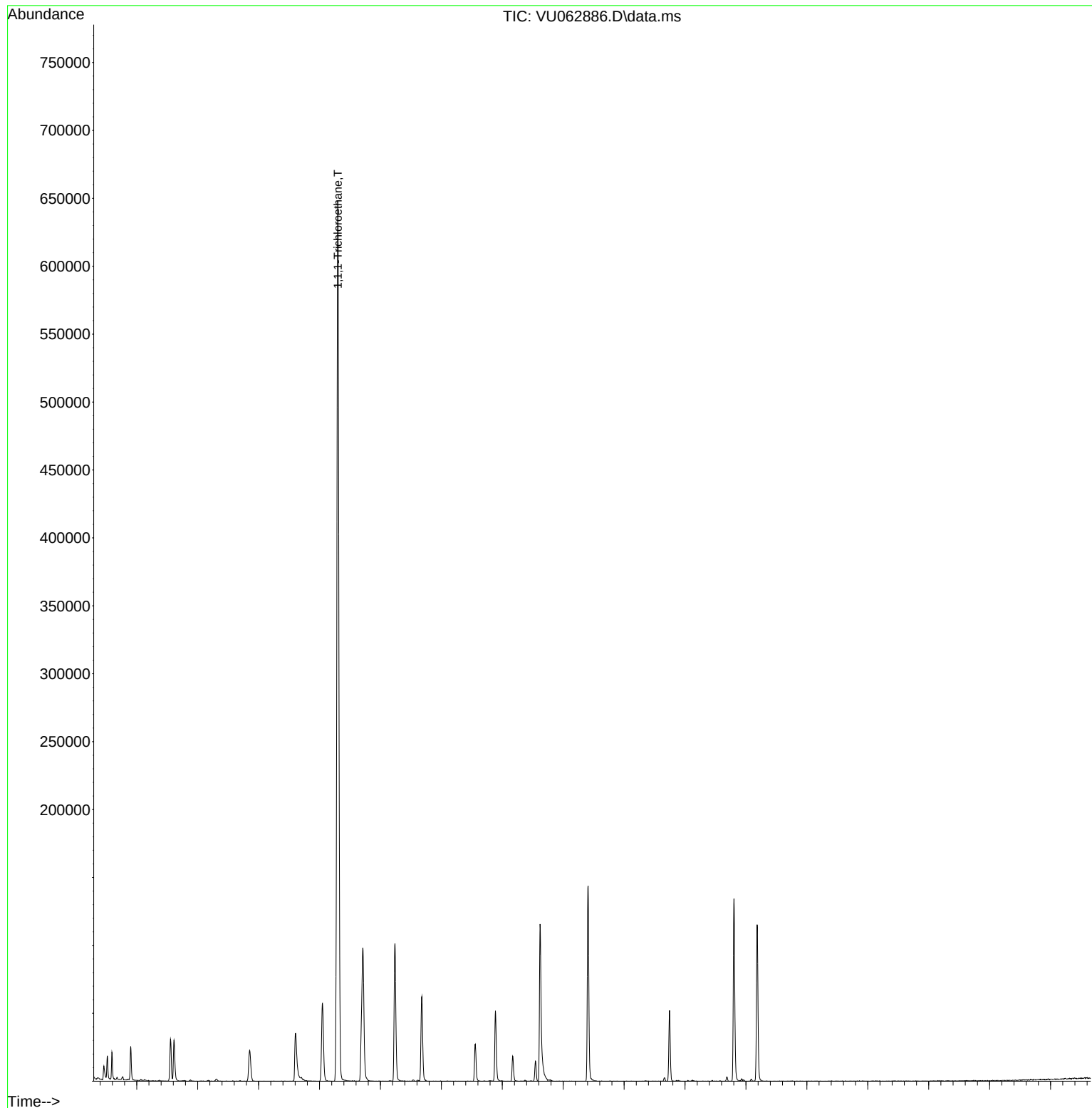
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	84718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12644	2.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.901	69	18083	4.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.554	65	5800	2.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	4.605	46	51044	53.229	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.460%
24) Chloroform-d	5.046	84	56539	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.689	65	32761	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.714	84	91486	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.679	67	27112	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.888	98	36604	1.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	37.400%#
43) trans-1,3-Dichloroprop...	8.171	79	11594	4.186	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.621	63	41093	47.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24006	5.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	32956	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
3) Chloromethane	1.515	50	11882	2.194	ug/L	98
13) Acetone	2.612	43	33770	44.454	ug/L	97
19) 1,1-Dichloroethane	3.853	63	26307	2.611	ug/L	94
21) 2-Butanone	4.708	43	3031	2.996	ug/L	94
29) 1,1,1-Trichloroethane	5.300	97	503253	40.473	ug/L	98
47) Tetrachloroethene	8.544	164	3050	0.550	ug/L	88

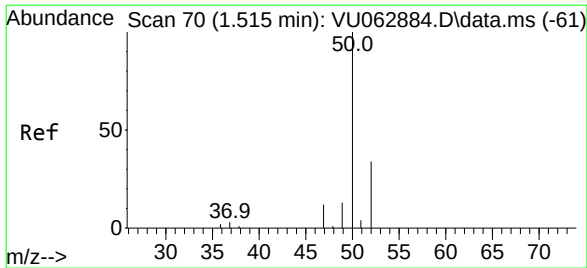
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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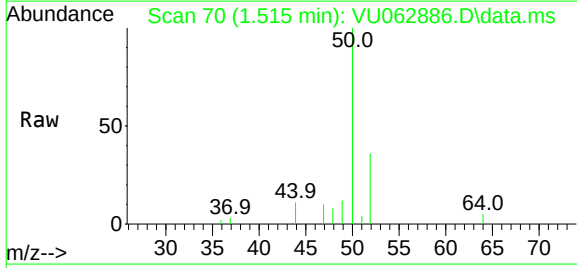
Quant Time: Jan 17 23:42:08 2025
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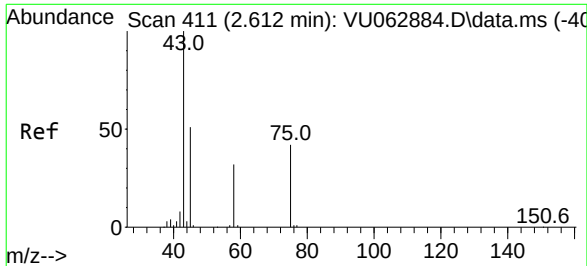
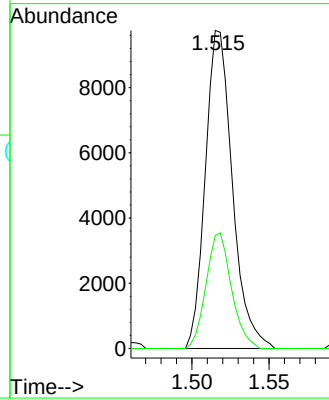
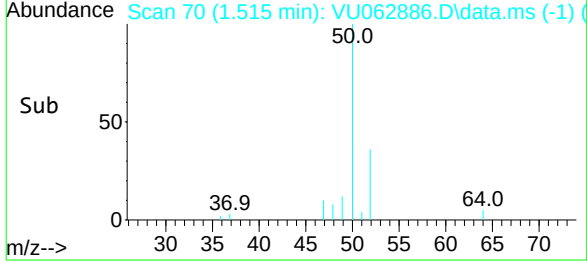


#3
Chloromethane
Concen: 2.194 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062886.D
Acq: 17 Jan 2025 21:32

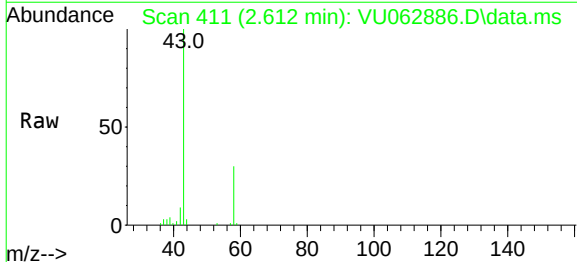
Instrument :
MSVOA_U
ClientSampleId :
C0AE9



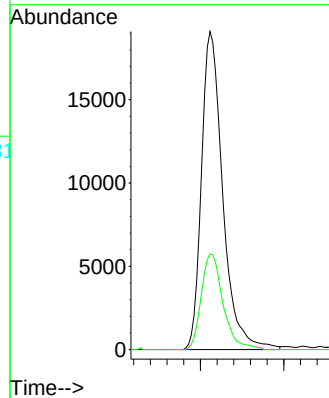
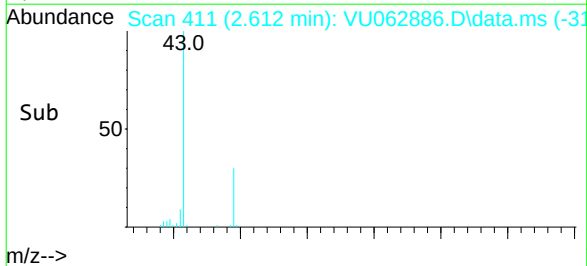
Tgt Ion: 50 Resp: 11882
Ion Ratio Lower Upper
50 100
52 35.6 24.1 44.7

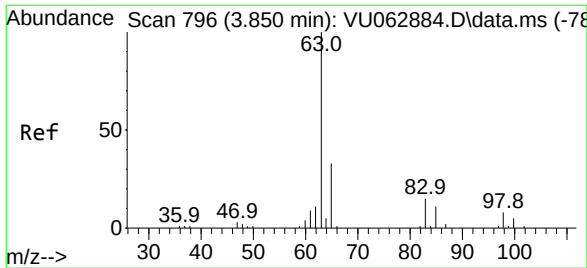


#13
Acetone
Concen: 44.454 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062886.D
Acq: 17 Jan 2025 21:32



Tgt Ion: 43 Resp: 33770
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.4





#19

1,1-Dichloroethane

Concen: 2.611 ug/L

RT: 3.853 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU062886.D

Acq: 17 Jan 2025 21:32

Instrument :

MSVOA_U

ClientSampleId :

C0AE9

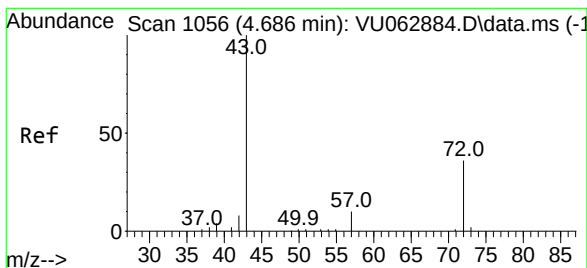
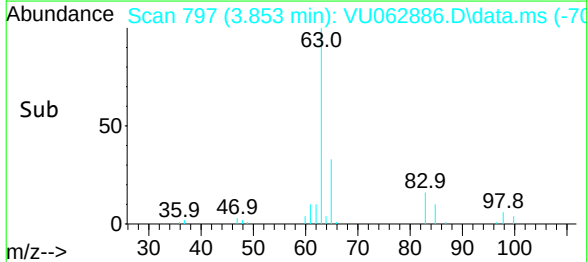
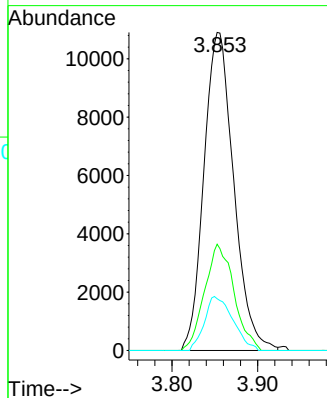
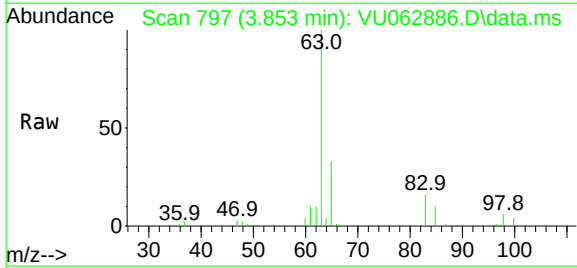
Tgt Ion: 63 Resp: 26307

Ion Ratio Lower Upper

63 100

65 33.4 20.7 38.5

83 16.3 10.5 19.5



#21

2-Butanone

Concen: 2.996 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.022 min

Lab File: VU062886.D

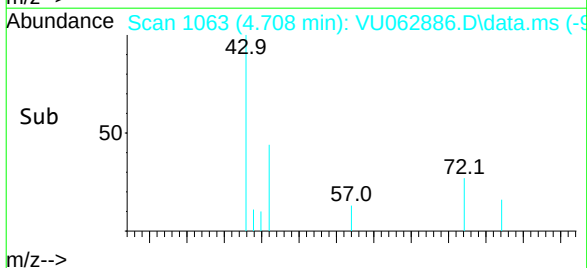
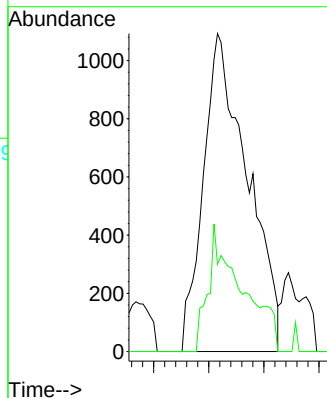
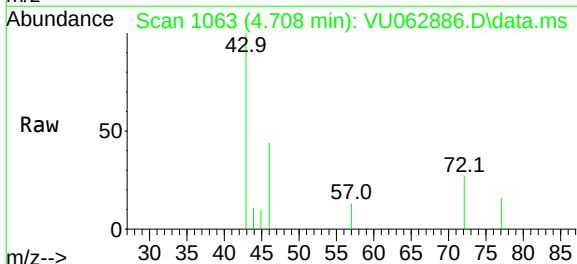
Acq: 17 Jan 2025 21:32

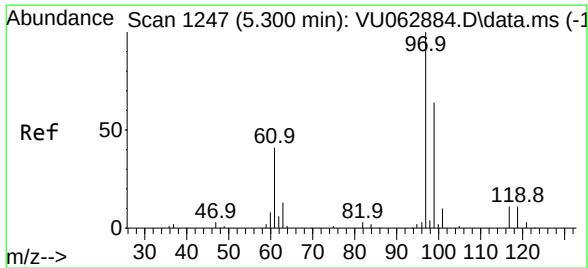
Tgt Ion: 43 Resp: 3031

Ion Ratio Lower Upper

43 100

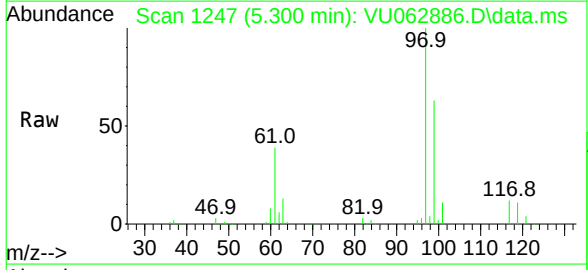
72 30.5 17.1 51.2



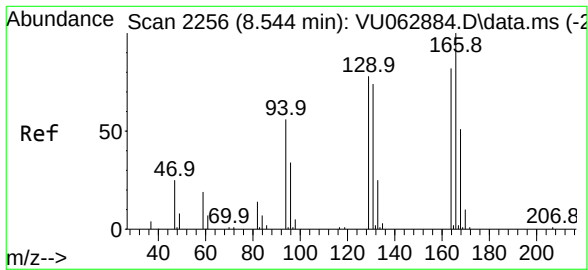
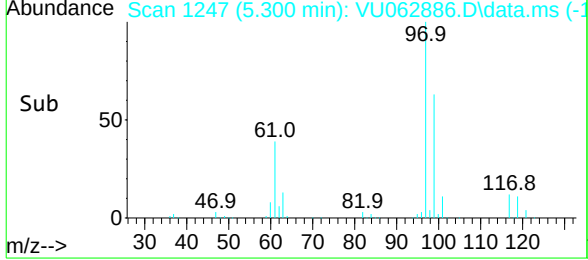
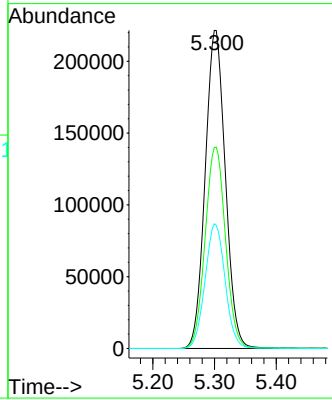


#29
 1,1,1-Trichloroethane
 Concen: 40.473 ug/L
 RT: 5.300 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: VU062886.D
 Acq: 17 Jan 2025 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9



Tgt Ion:	97	Resp:	503253
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	39.0	32.2	48.4



#47
 Tetrachloroethene
 Concen: 0.550 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VU062886.D
 Acq: 17 Jan 2025 21:32

Tgt Ion:	164	Resp:	3050
Ion	Ratio	Lower	Upper
164	100		
129	89.3	71.0	131.9
131	98.7	69.4	129.0
166	109.1	92.7	172.3

