

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062771.D
 Acq On : 15 Jan 2025 16:46
 Operator : MD/SY
 Sample : Q1071-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ71

Quant Time: Jan 16 00:49:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

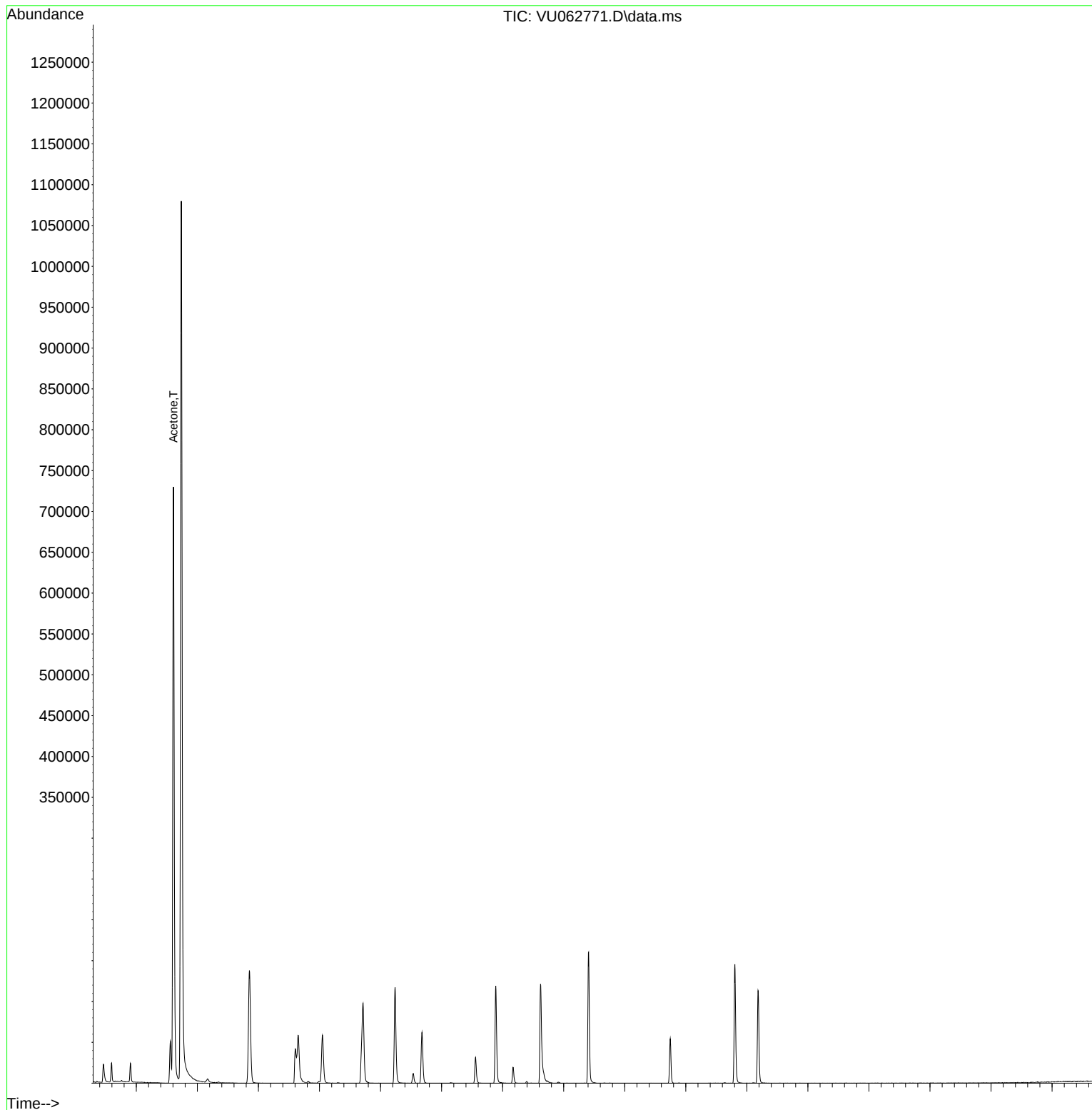
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15819	2.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.904	69	16016	3.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.557	65	9445	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.605	46	57377	52.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	5.049	84	57073	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.689	65	32800	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.714	84	90753	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.679	67	26961	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.888	98	82050	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.171	79	12341	4.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.621	63	45208	47.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25490	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	33122	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2310	0.385	ug/L	# 1
13) Acetone	2.608	43	779423	899.620	ug/L	99
19) 1,1-Dichloroethane	3.853	63	150883	13.133	ug/L	94
21) 2-Butanone	4.708	43	4552	3.945	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	29782	4.256	ug/L	97
34) Trichloroethene	6.534	95	4379	0.499	ug/L	88

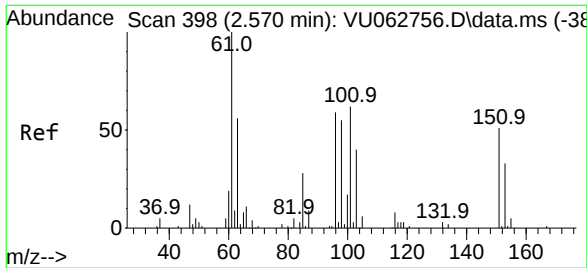
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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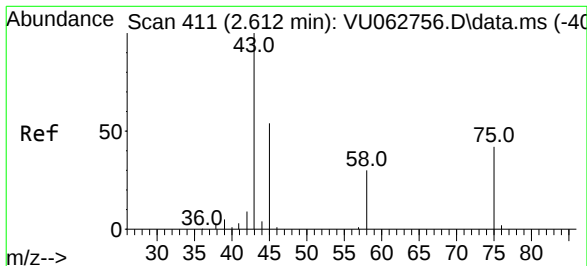
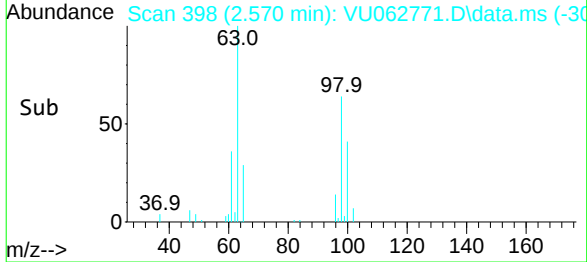
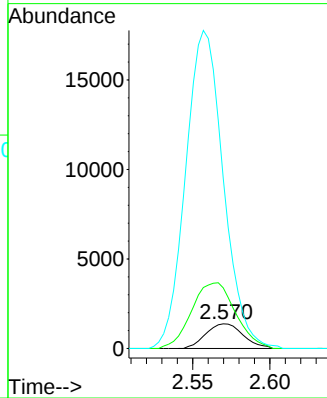
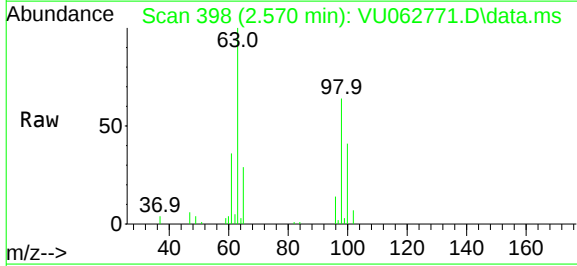




#12
1,1-Dichloroethene
Concen: 0.385 ug/L
RT: 2.570 min Scan# 39
Delta R.T. -0.000 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

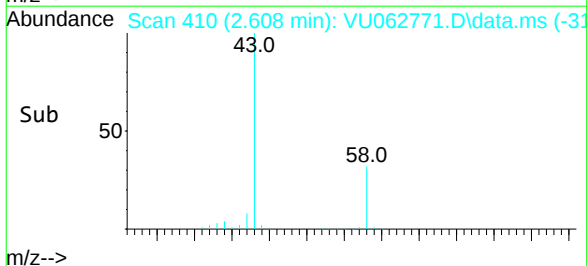
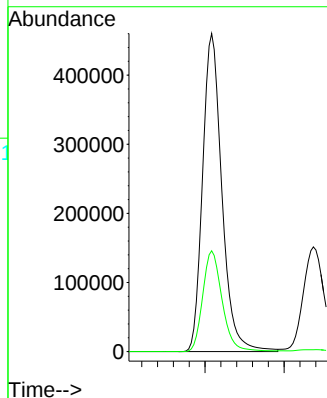
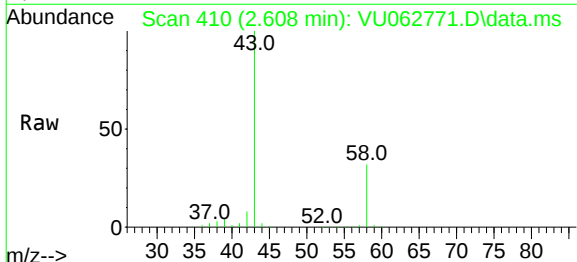
Instrument :
MSVOA_U
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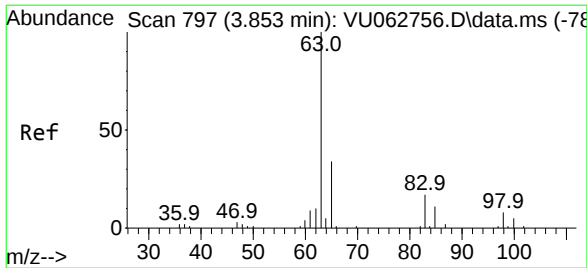
Tgt Ion: 96 Resp: 2310
Ion Ratio Lower Upper
96 100
61 246.3 120.4 223.6#
63 691.8 82.3 152.9#



#13
Acetone
Concen: 899.620 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

Tgt Ion: 43 Resp: 779423
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.4

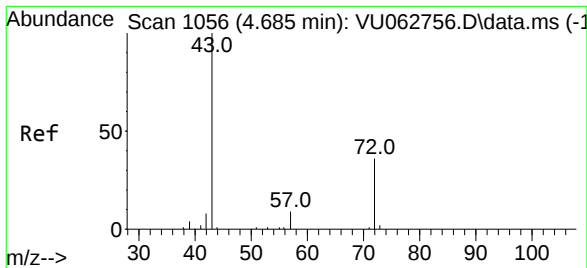
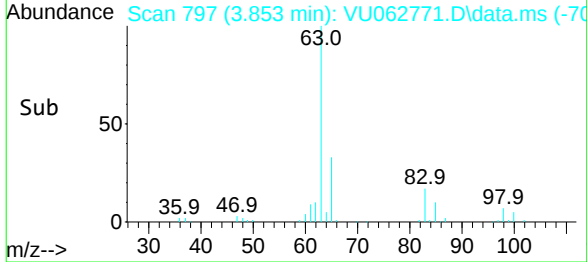
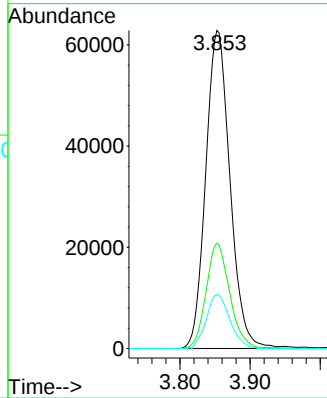
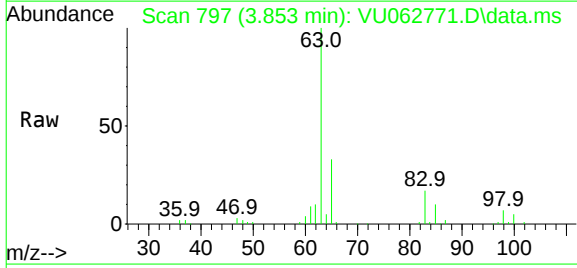




#19
1,1-Dichloroethane
Concen: 13.133 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

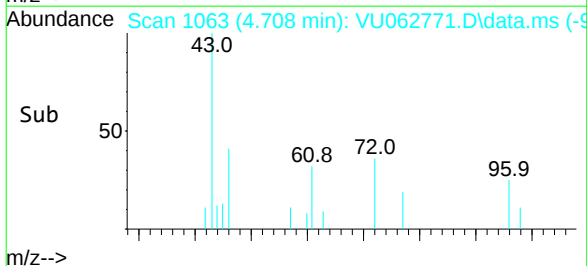
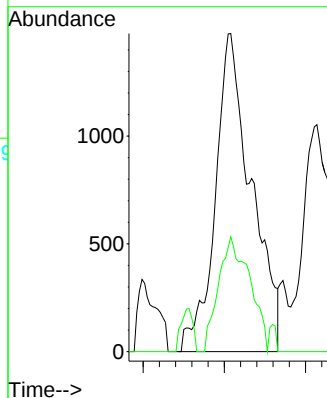
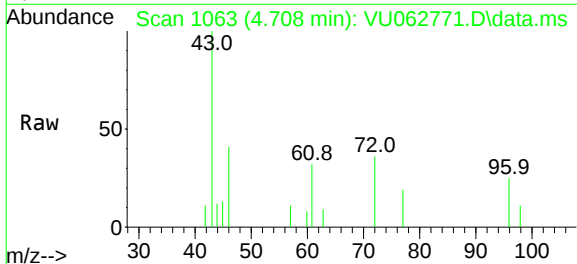
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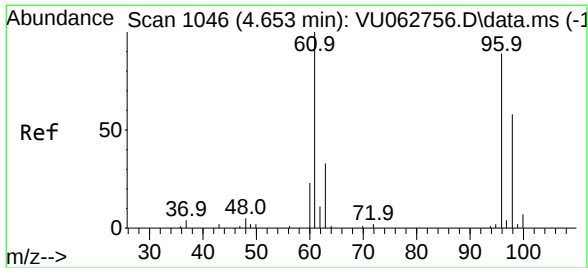
Tgt Ion: 63 Resp: 150883
Ion Ratio Lower Upper
63 100
65 33.1 20.7 38.5
83 17.0 10.5 19.5



#21
2-Butanone
Concen: 3.945 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.022 min
Lab File: VU062771.D
Acq: 15 Jan 2025 16:46

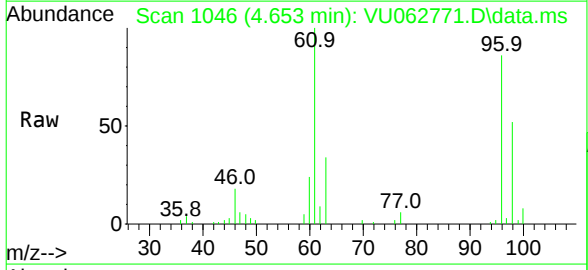
Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
72 31.3 17.1 51.2



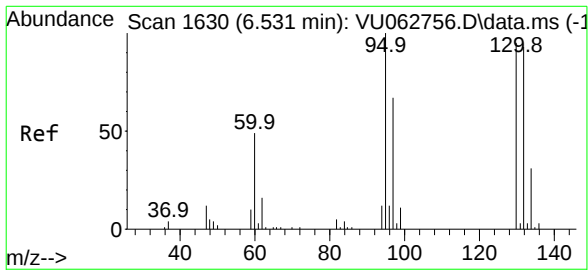
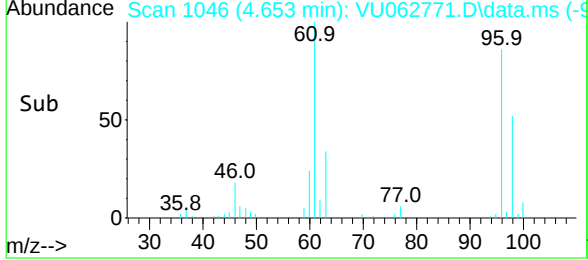
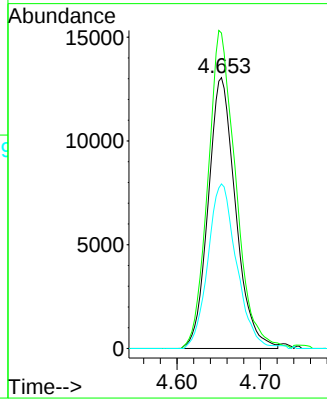


#22
 cis-1,2-Dichloroethene
 Concen: 4.256 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062771.D
 Acq: 15 Jan 2025 16:46

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ71



Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.5	84.8	157.6
98	60.8	43.1	80.1



#34
 Trichloroethene
 Concen: 0.499 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062771.D
 Acq: 15 Jan 2025 16:46

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.0	47.5	88.3
132	109.7	66.9	124.3
130	108.5	68.6	127.4

