

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062762.D
 Acq On : 15 Jan 2025 13:12
 Operator : MD/SY
 Sample : Q1071-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ67

Quant Time: Jan 16 00:46:44 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)

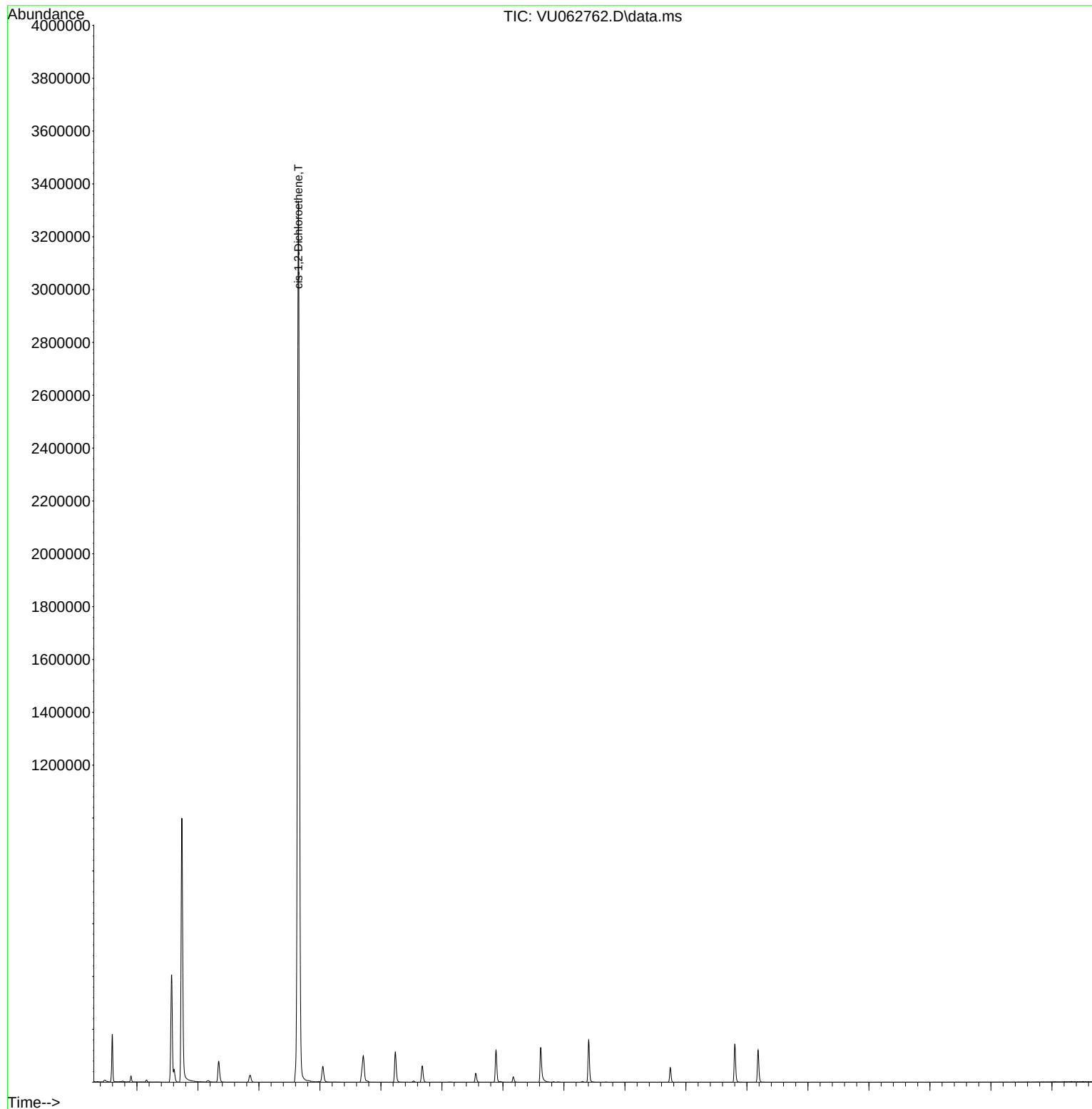
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	95032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	88520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	42386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16613	3.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.901	69	16277	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.554	65	9941	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.605	46	59031	54.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.049	84	58159	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	33633	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	91523	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.679	67	26857	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.888	98	84286	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.171	79	12891	4.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.618	63	46411	49.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25893	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	35654	5.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	7678	1.122	ug/L	94
12) 1,1-Dichloroethene	2.570	96	131593	22.306	ug/L #	74
13) Acetone	2.612	43	48869	57.348	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	34546	5.466	ug/L	97
19) 1,1-Dichloroethane	3.856	63	30915	2.736	ug/L	98
22) cis-1,2-Dichloroethene	4.647	96	1813046	263.415	ug/L	98

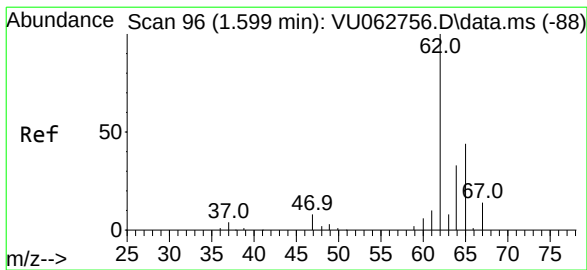
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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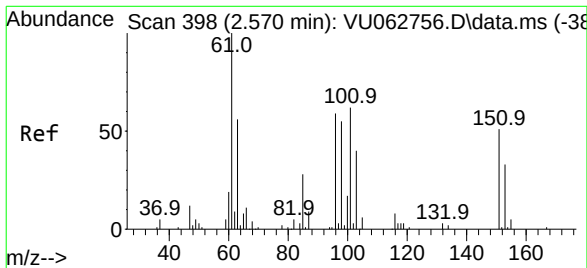
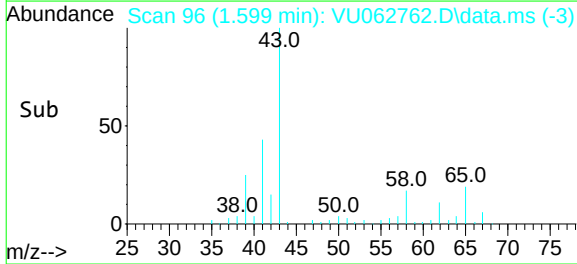
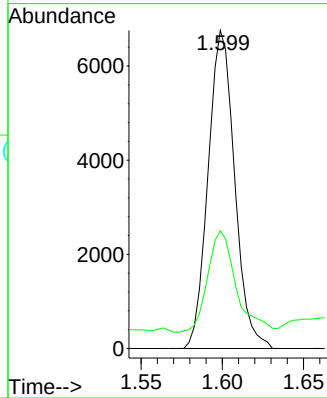
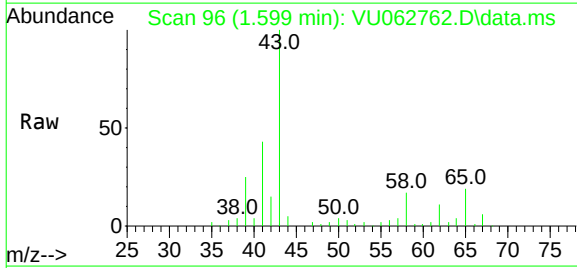




#5
 Vinyl chloride
 Concen: 1.122 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062762.D
 Acq: 15 Jan 2025 13:12

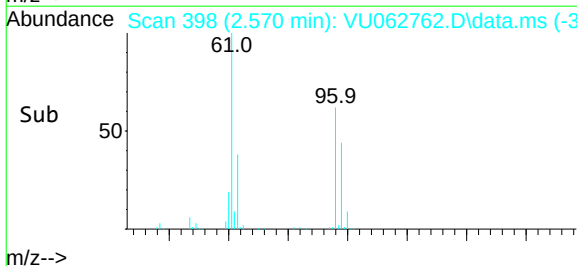
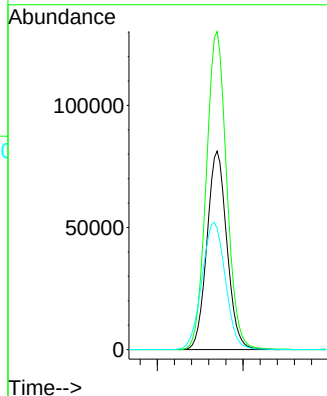
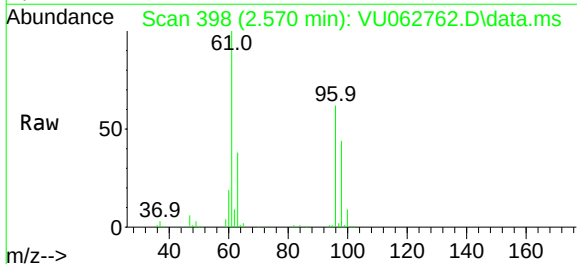
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ67

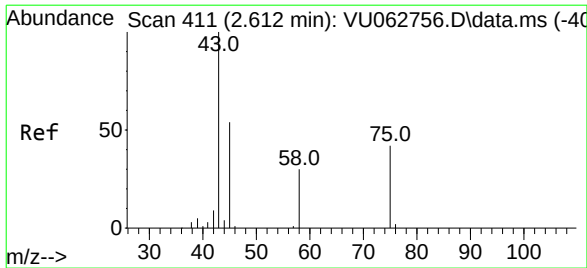
Tgt Ion: 62 Resp: 7678
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 22.306 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062762.D
 Acq: 15 Jan 2025 13:12

Tgt Ion: 96 Resp: 131593
 Ion Ratio Lower Upper
 96 100
 61 160.2 120.4 223.6
 63 61.1 82.3 152.9#





#13

Acetone

Concen: 57.348 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU062762.D

Acq: 15 Jan 2025 13:12

Instrument :

MSVOA_U

ClientSampleId :

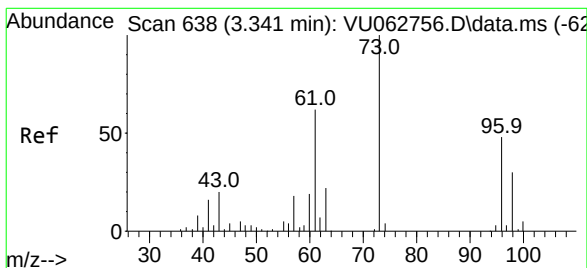
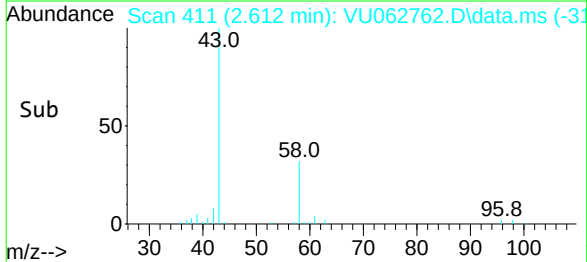
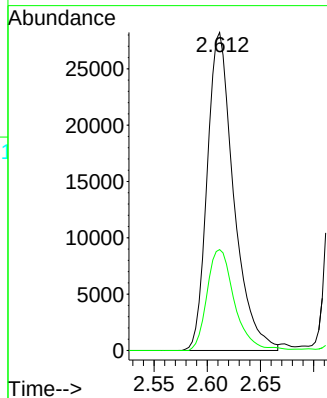
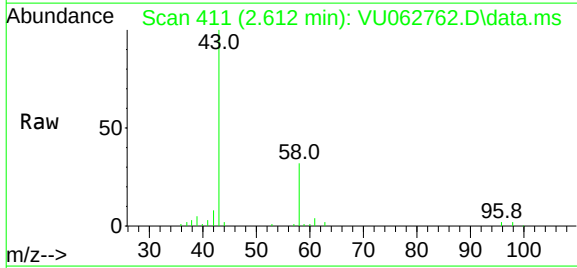
GCQ67

Tgt Ion: 43 Resp: 48869

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.4



#18

trans-1,2-Dichloroethene

Concen: 5.466 ug/L

RT: 3.338 min Scan# 637

Delta R.T. -0.003 min

Lab File: VU062762.D

Acq: 15 Jan 2025 13:12

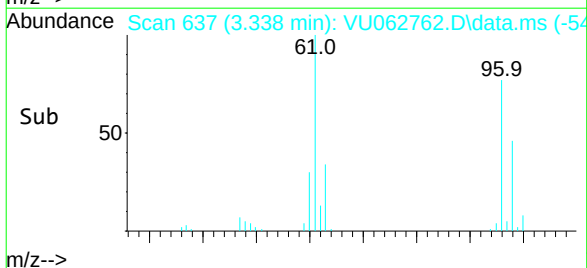
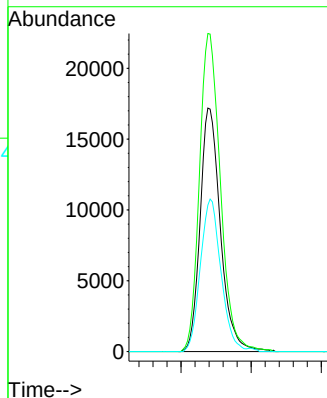
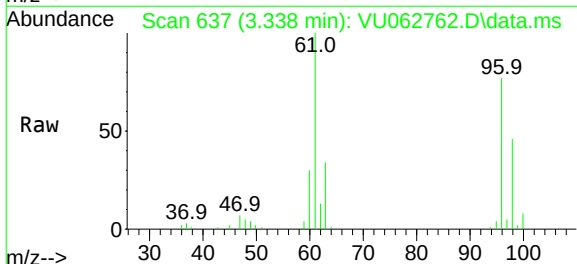
Tgt Ion: 96 Resp: 34546

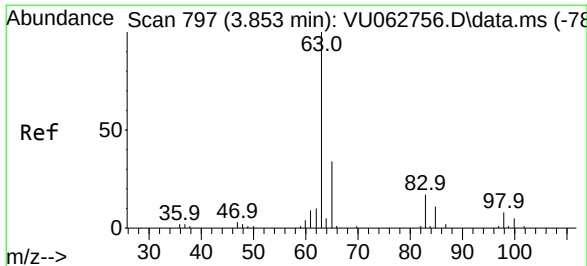
Ion Ratio Lower Upper

96 100

61 130.6 94.4 175.2

98 60.1 42.8 79.4

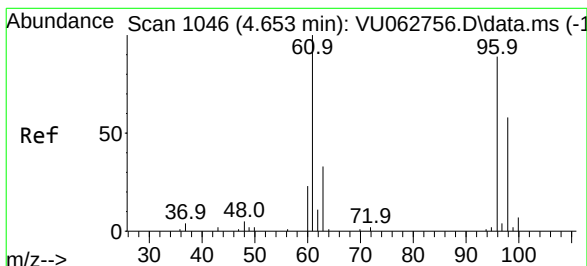
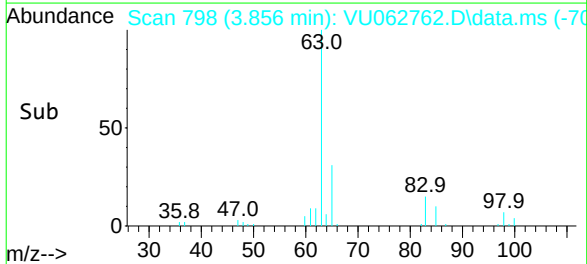
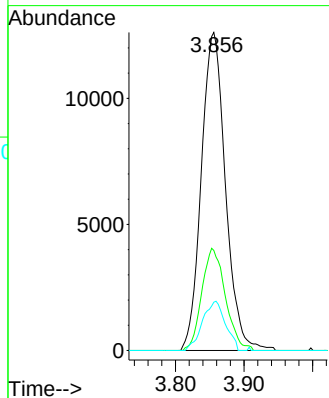
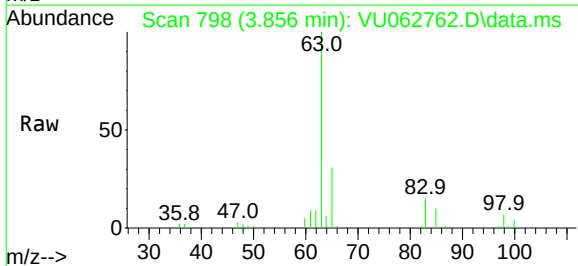




#19
1,1-Dichloroethane
Concen: 2.736 ug/L
RT: 3.856 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

Instrument :
MSVOA_U
ClientSampleId :
GCQ67

Tgt Ion:	63	Resp:	30915
Ion	Ratio	Lower	Upper
63	100		
65	31.5	20.7	38.5
83	15.2	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 263.415 ug/L
RT: 4.647 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VU062762.D
Acq: 15 Jan 2025 13:12

Tgt Ion:	96	Resp:	1813046
Ion	Ratio	Lower	Upper
96	100		
61	122.5	84.8	157.6
98	65.1	43.1	80.1

