

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062769.D
 Acq On : 15 Jan 2025 15:59
 Operator : MD/SY
 Sample : Q1071-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ69

Quant Time: Jan 16 00:48:59 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)

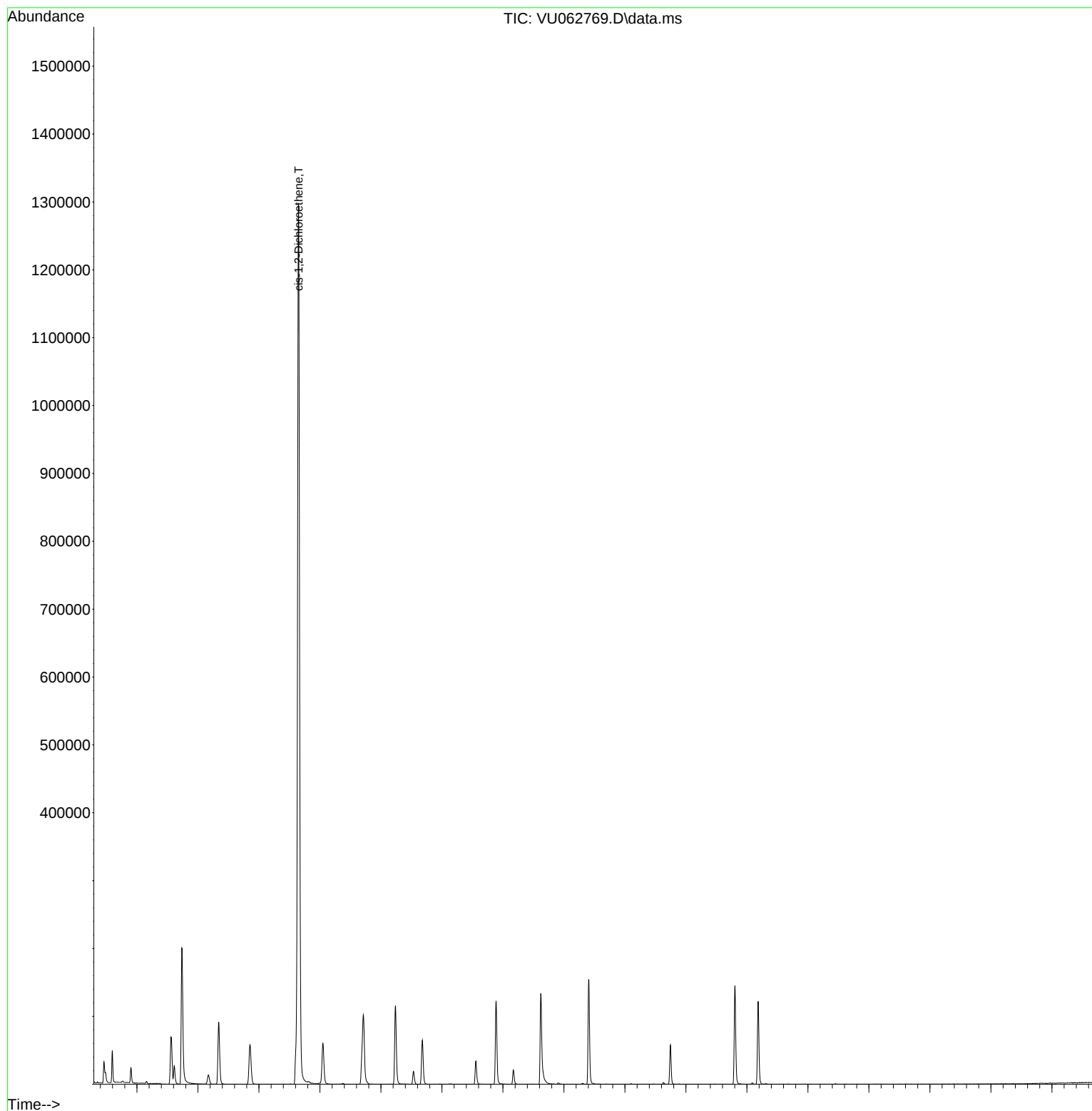
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	87320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16825	3.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.901	69	16154	3.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.557	65	9037	3.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.608	46	60821	57.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.049	84	58563	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.689	65	34999	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	96330	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.679	67	28286	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	85050	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	13017	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.621	63	48776	52.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26564	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	34688	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
5) Vinyl chloride	1.599	62	11005	1.635	ug/L	85
12) 1,1-Dichloroethene	2.570	96	12483	2.151	ug/L #	81
13) Acetone	2.611	43	29118	34.727	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	40222	6.468	ug/L	98
19) 1,1-Dichloroethane	3.853	63	64544	5.805	ug/L	93
22) cis-1,2-Dichloroethene	4.650	96	707477	104.465	ug/L	98
34) Trichloroethene	6.537	95	6825	0.796	ug/L	96

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

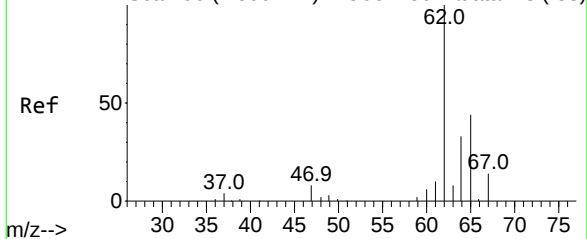
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
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Abundance Scan 96 (1.599 min): VU062756.D\data.ms (-88)



#5

Vinyl chloride

Concen: 1.635 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

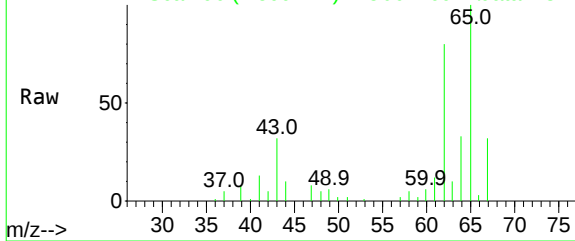
Instrument :

MSVOA_U

ClientSampleId :

GCQ69

Abundance Scan 96 (1.599 min): VU062769.D\data.ms



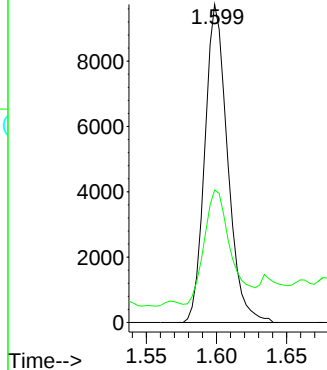
Tgt Ion: 62 Resp: 11005

Ion Ratio Lower Upper

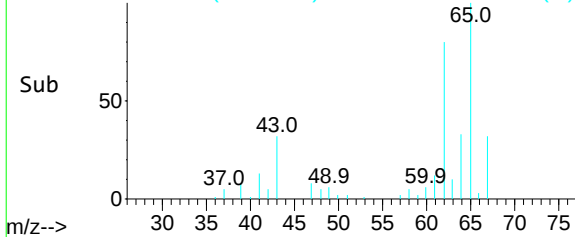
62 100

64 41.7 23.4 43.4

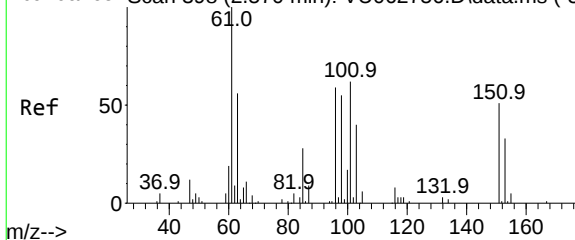
Abundance



Abundance Scan 96 (1.599 min): VU062769.D\data.ms (-3)



Abundance Scan 398 (2.570 min): VU062756.D\data.ms (-38)



#12

1,1-Dichloroethene

Concen: 2.151 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Tgt Ion: 96 Resp: 12483

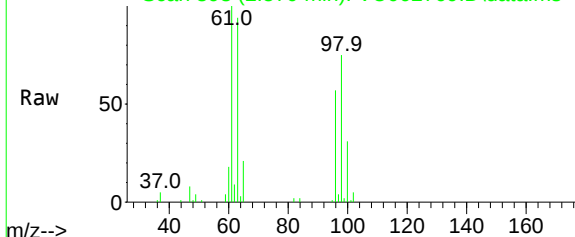
Ion Ratio Lower Upper

96 100

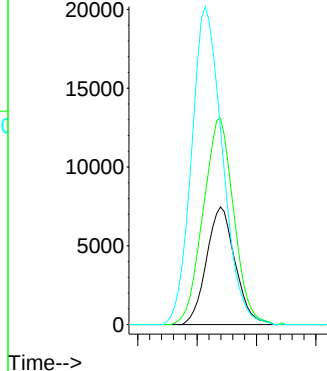
61 175.3 120.4 223.6

63 165.4 82.3 152.9

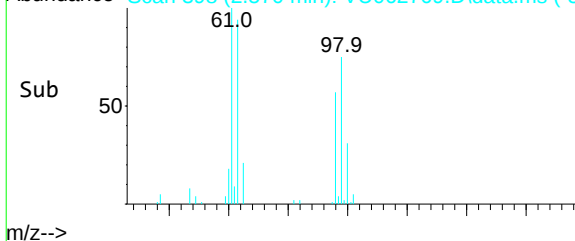
Abundance Scan 398 (2.570 min): VU062769.D\data.ms

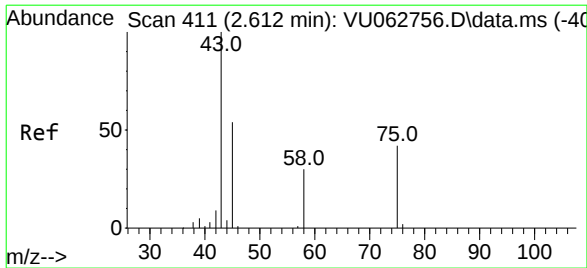


Abundance



Abundance Scan 398 (2.570 min): VU062769.D\data.ms (-30)





#13

Acetone

Concen: 34.727 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

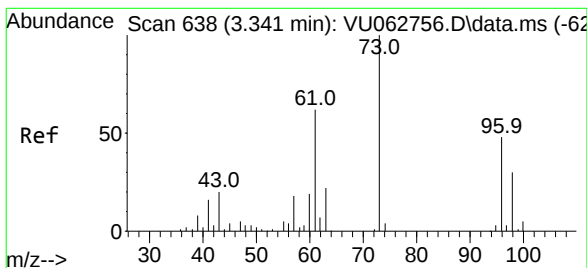
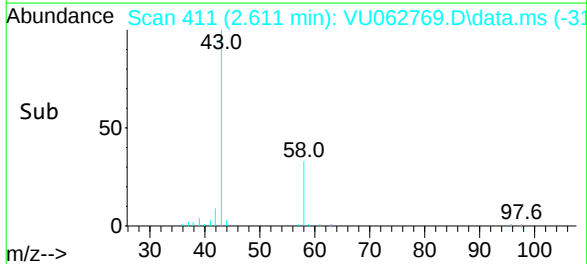
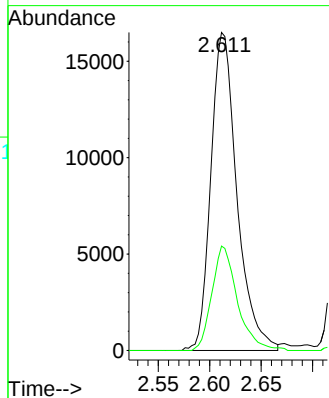
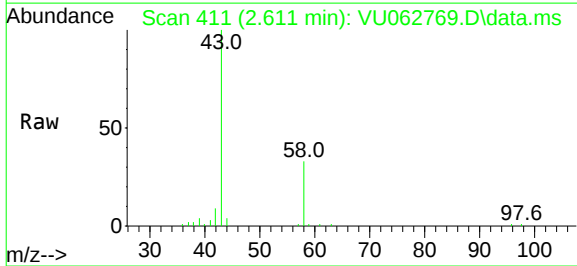
GCQ69

Tgt Ion: 43 Resp: 29118

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#18

trans-1,2-Dichloroethene

Concen: 6.468 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.000 min

Lab File: VU062769.D

Acq: 15 Jan 2025 15:59

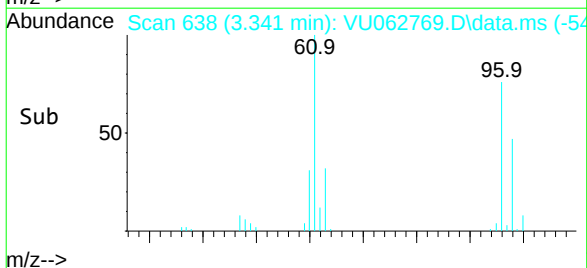
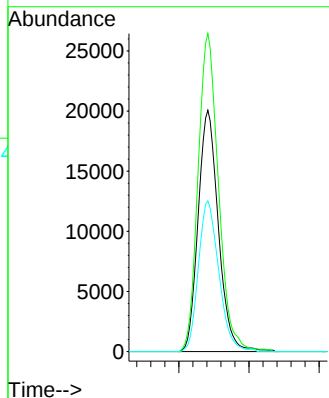
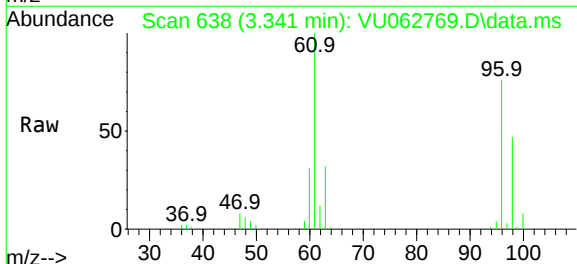
Tgt Ion: 96 Resp: 40222

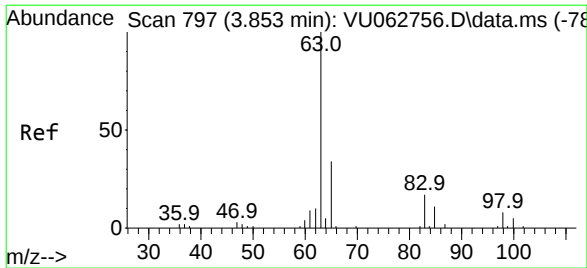
Ion Ratio Lower Upper

96 100

61 131.8 94.4 175.2

98 62.5 42.8 79.4

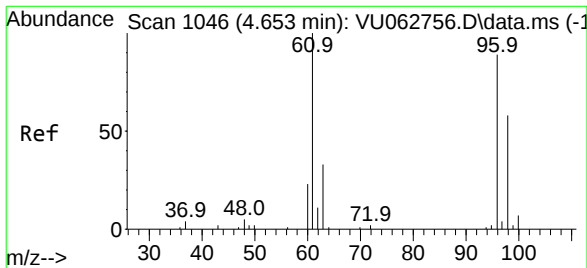
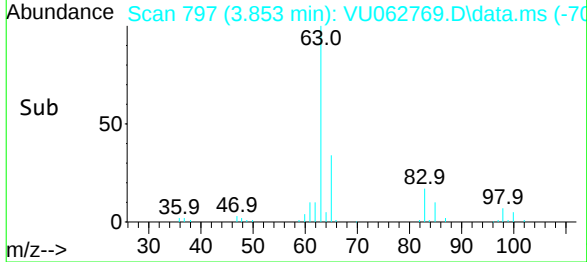
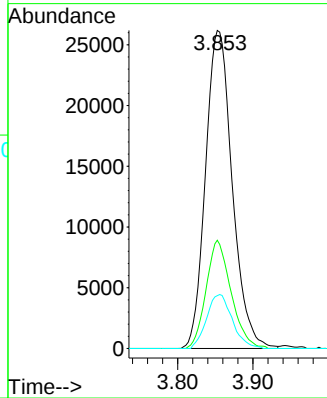
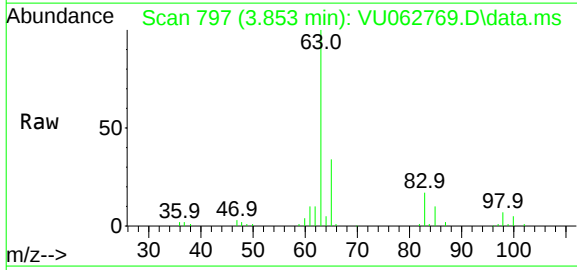




#19
1,1-Dichloroethane
Concen: 5.805 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062769.D
Acq: 15 Jan 2025 15:59

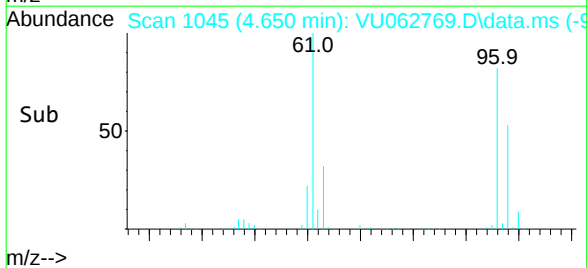
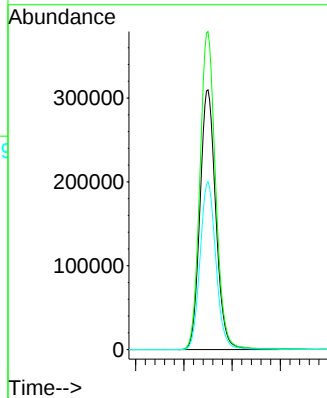
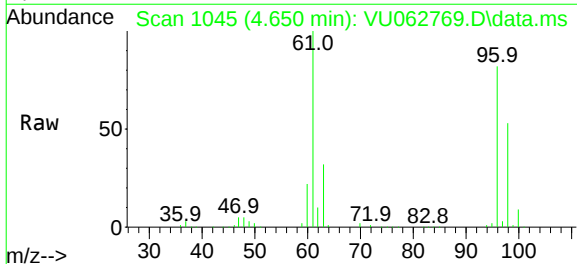
Instrument :
MSVOA_U
ClientSampleId :
GCQ69

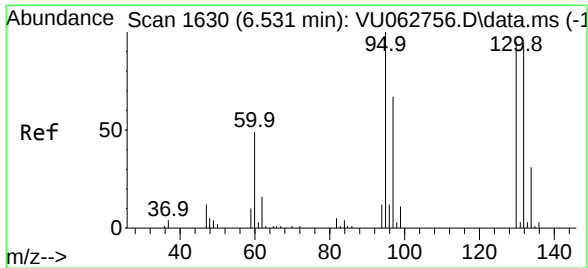
Tgt Ion: 63	Resp: 64544
Ion Ratio	Lower Upper
63 100	
65 34.0	20.7 38.5
83 16.6	10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 104.465 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062769.D
Acq: 15 Jan 2025 15:59

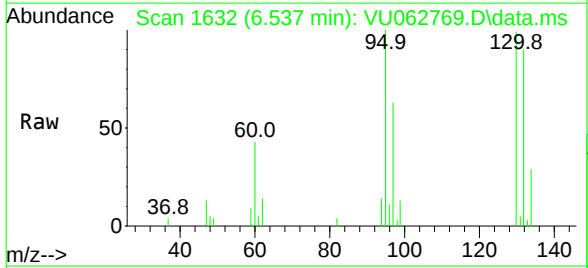
Tgt Ion: 96	Resp: 707477
Ion Ratio	Lower Upper
96 100	
61 122.4	84.8 157.6
98 64.6	43.1 80.1





#34
 Trichloroethene
 Concen: 0.796 ug/L
 RT: 6.537 min Scan# 16
 Delta R.T. 0.006 min
 Lab File: VU062769.D
 Acq: 15 Jan 2025 15:59

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ69



Tgt Ion: 95 Resp: 6825

Ion	Ratio	Lower	Upper
95	100		
97	63.1	47.5	88.3
132	90.1	66.9	124.3
130	99.4	68.6	127.4

