

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062698.D
 Acq On : 10 Jan 2025 22:12
 Operator : MD/SY
 Sample : Q1059-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z5

Quant Time: Jan 11 00:33:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

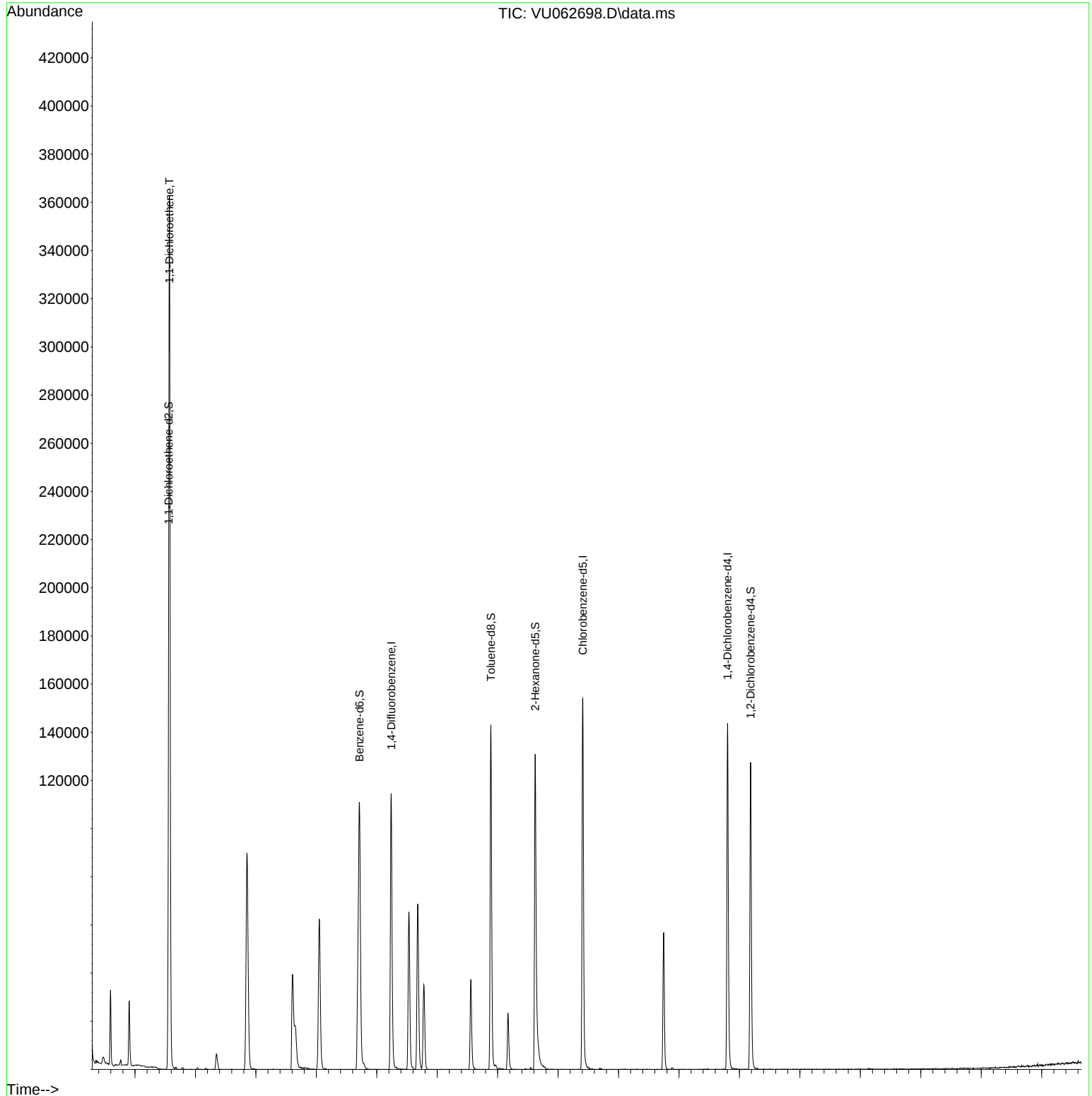
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21078	4.069	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.904	69	19054	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.557	65	11361	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.605	46	57287	54.110	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.220%
24) Chloroform-d	5.049	84	61319	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	35862	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.714	84	103625	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.679	67	30666	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.888	98	98804	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.171	79	14948	5.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.621	63	47724	50.902	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26592	5.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	37211	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.570	96	115416	19.878	ug/L #	79
17) Methyl tert-butyl Ether	3.351	73	5481	0.343	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	1235	0.199	ug/L	91
19) 1,1-Dichloroethane	3.853	63	98437	8.851	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	7242	1.069	ug/L	88
34) Trichloroethene	6.531	95	23138	2.672	ug/L	99
37) 1,2-Dichloropropane	6.779	63	12407	2.075	ug/L	100

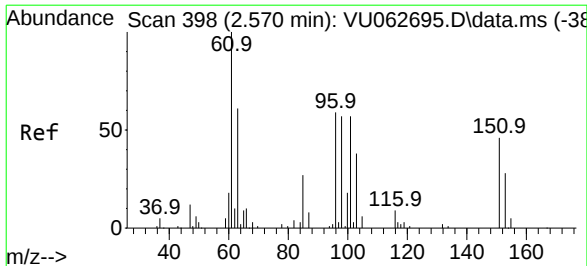
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 22:42:03 2025
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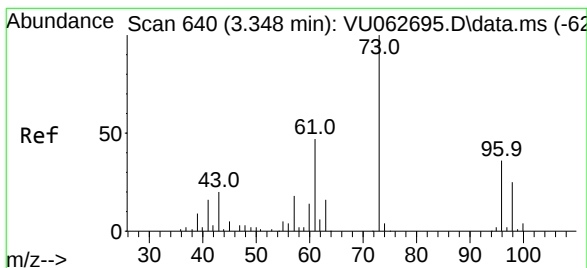
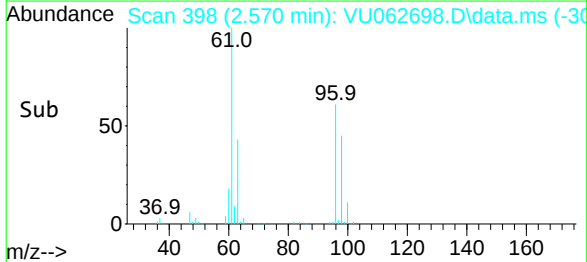
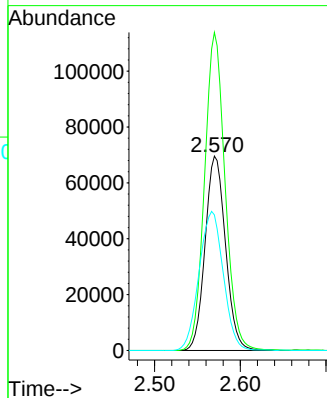
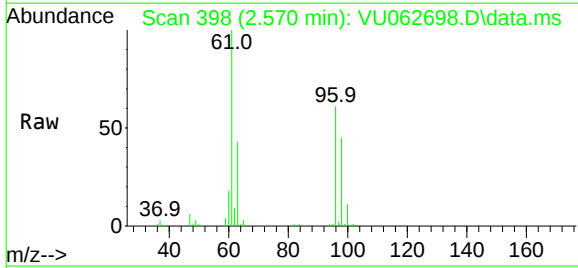




#12
1,1-Dichloroethene
Concen: 19.878 ug/L
RT: 2.570 min Scan# 39
Delta R.T. -0.003 min
Lab File: VU062698.D
Acq: 10 Jan 2025 22:12

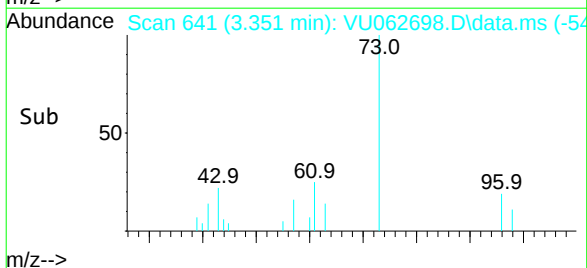
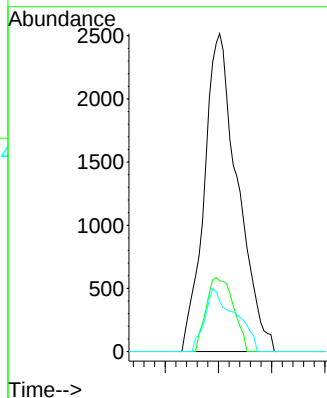
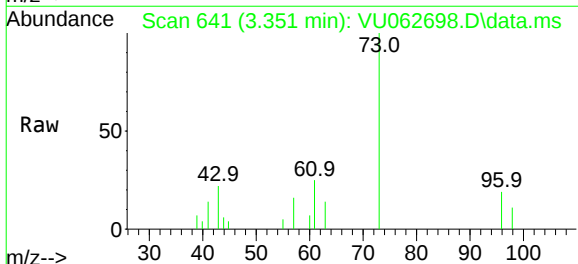
Instrument :
MSVOA_U
ClientSampleId :
BH8Z5

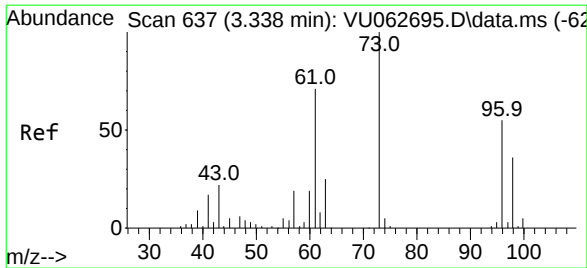
Tgt Ion: 96 Resp: 115416
Ion Ratio Lower Upper
96 100
61 163.6 120.4 223.6
63 69.7 82.3 152.9#



#17
Methyl tert-butyl Ether
Concen: 0.343 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062698.D
Acq: 10 Jan 2025 22:12

Tgt Ion: 73 Resp: 5481
Ion Ratio Lower Upper
73 100
43 19.0 16.2 24.4
57 18.0 14.6 22.0

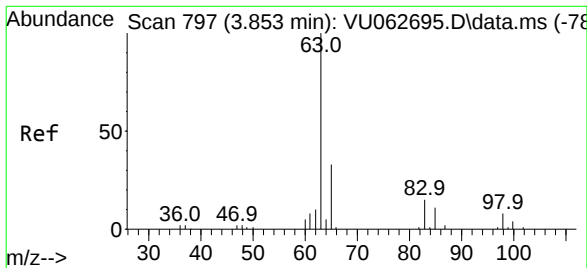
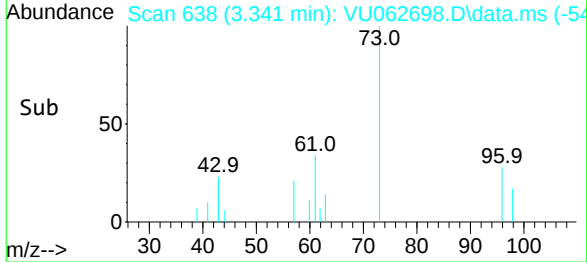
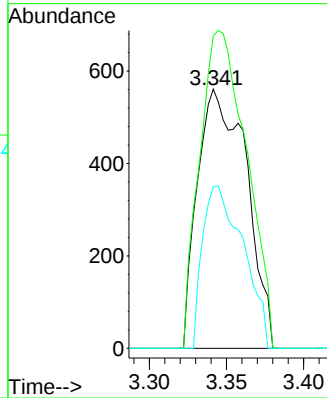
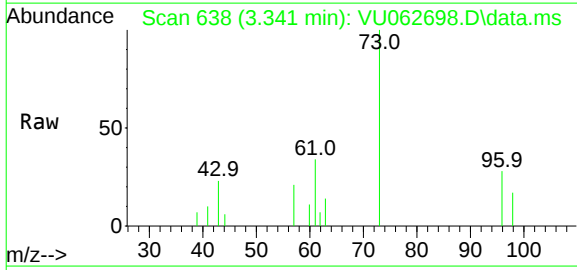




#18
trans-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.341 min Scan# 63
Delta R.T. -0.000 min
Lab File: VU062698.D
Acq: 10 Jan 2025 22:12

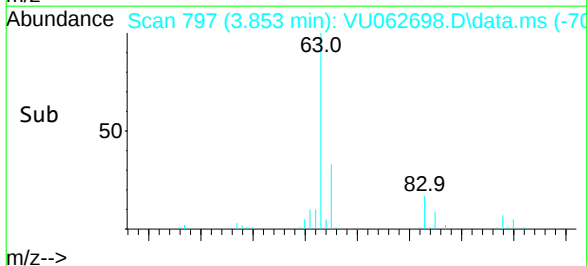
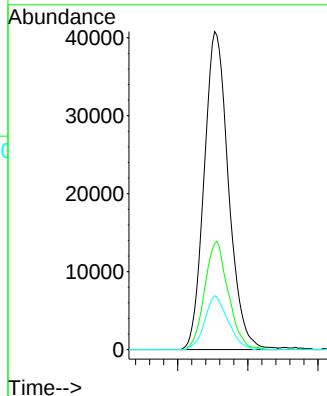
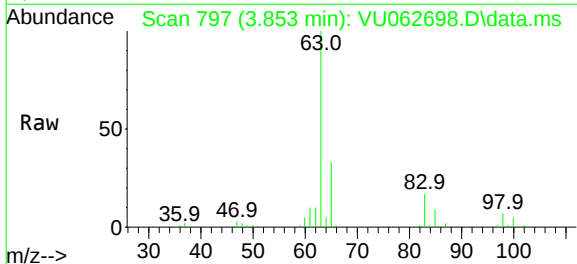
Instrument :
MSVOA_U
ClientSampleId :
BH8Z5

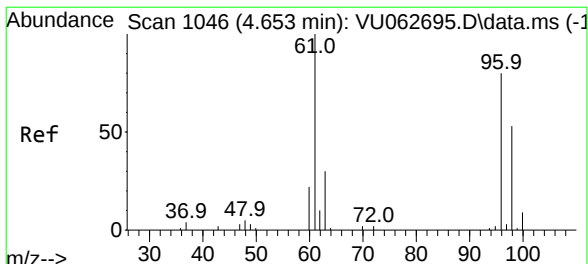
Tgt Ion:	96	Resp:	1235
Ion	Ratio	Lower	Upper
96	100		
61	120.5	94.4	175.2
98	62.2	42.8	79.4



#19
1,1-Dichloroethane
Concen: 8.851 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU062698.D
Acq: 10 Jan 2025 22:12

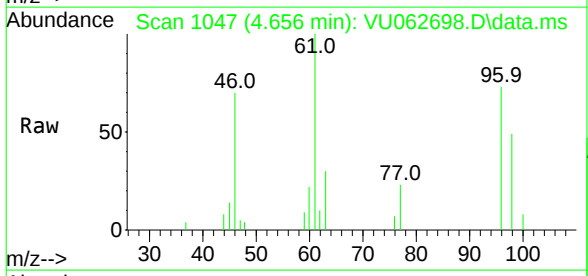
Tgt Ion:	63	Resp:	98437
Ion	Ratio	Lower	Upper
63	100		
65	33.3	20.7	38.5
83	16.9	10.5	19.5



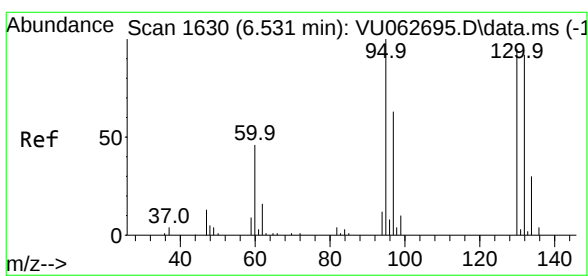
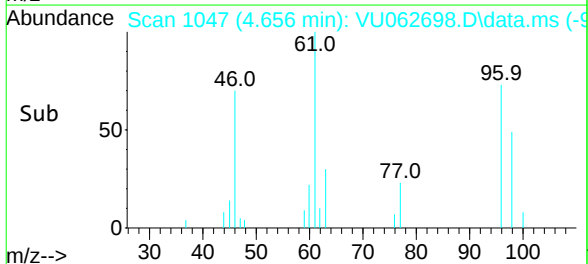
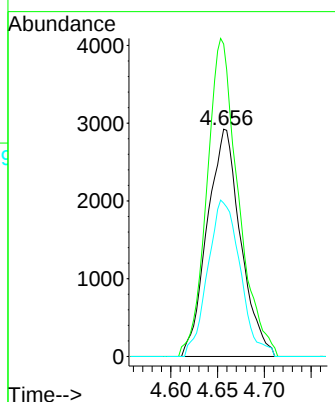


#22
 cis-1,2-Dichloroethene
 Concen: 1.069 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z5

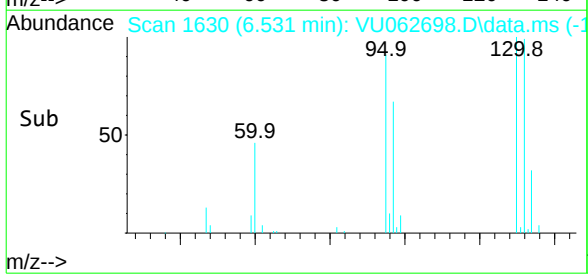
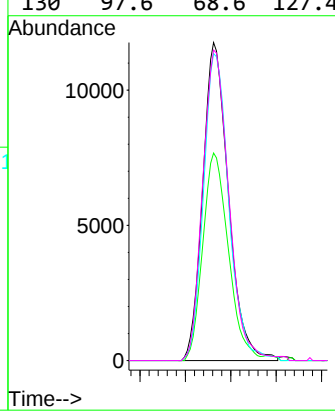
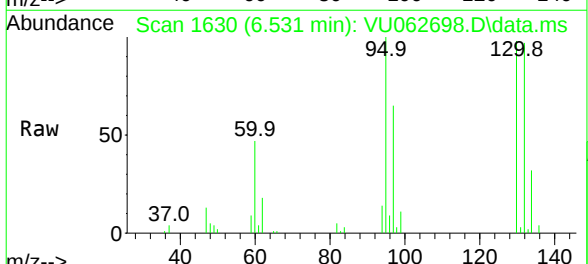


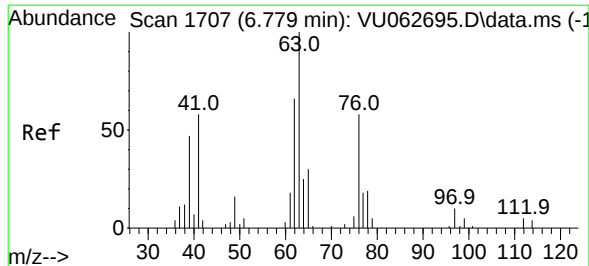
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.5	84.8	157.6
98	67.5	43.1	80.1



#34
 Trichloroethene
 Concen: 2.672 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

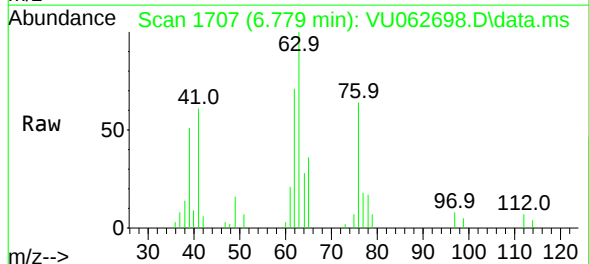
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.5	88.3
132	96.5	66.9	124.3
130	97.6	68.6	127.4





#37
 1,2-Dichloropropane
 Concen: 2.075 ug/L
 RT: 6.779 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z5



Tgt Ion: 63 Resp: 12407
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.8

