

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 :

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)

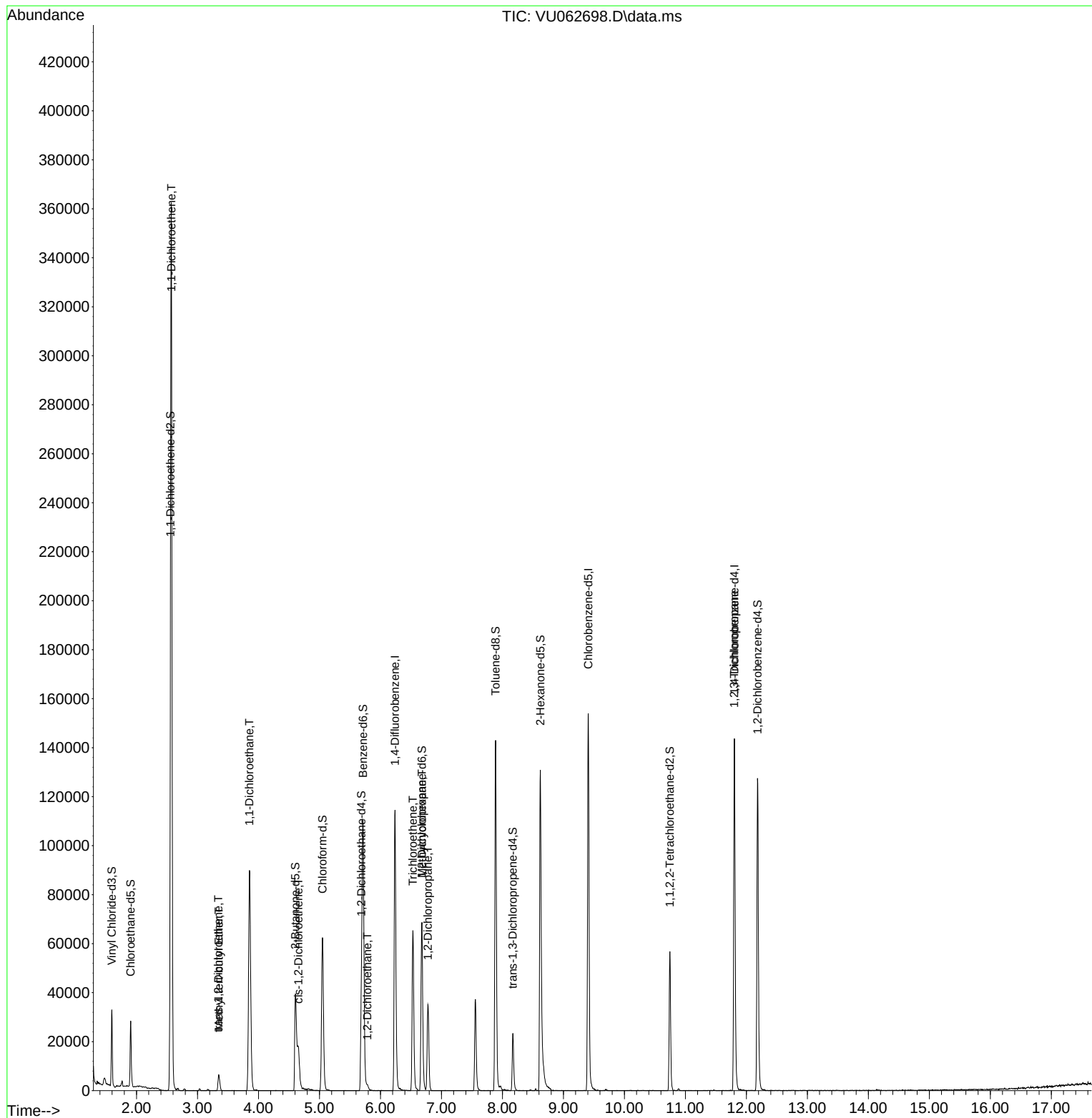
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93530	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21078	4.069	ug/L	0.00
Spiked Amount	5.000	Range	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
27) 1,2-Dichloroethane	5.785	62	1741	0.195	ug/L #	79
34) Trichloroethene	6.531	95	23138	2.672	ug/L	99
35) Methylcyclohexane	6.679	83	7938	0.745	ug/L #	21
37) 1,2-Dichloropropane	6.779	63	12407	2.075	ug/L	100
61) 1,2,3-Trichloropropane	11.801	75	4236	1.146	ug/L #	61

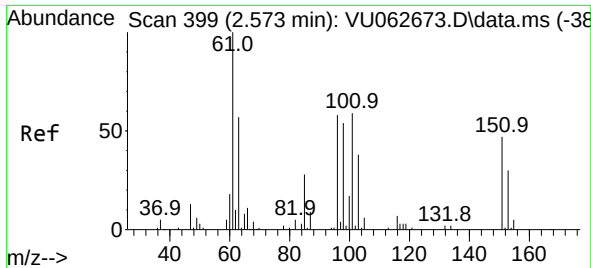
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

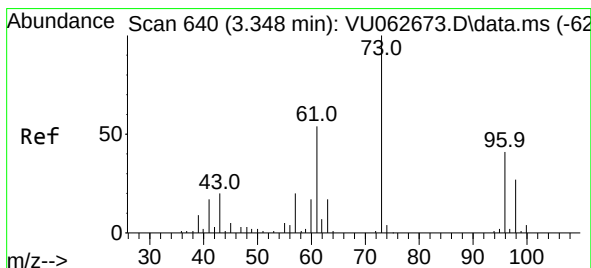
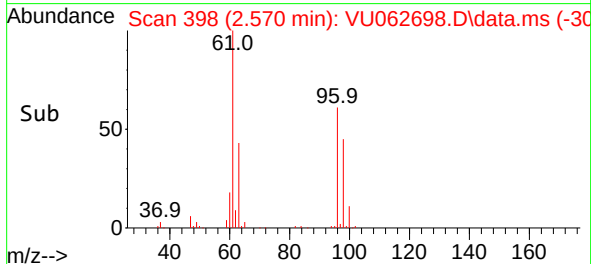
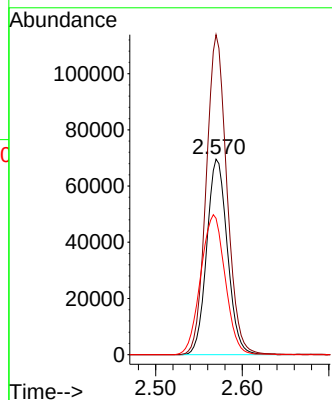
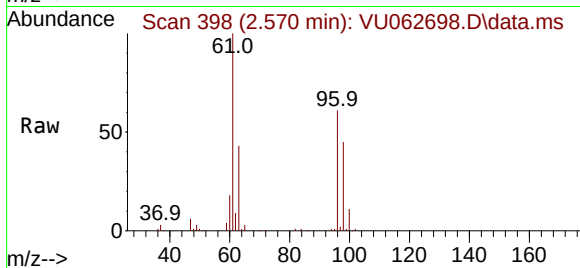




#12
1,1-Dichloroethene
Concen: 19.878 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062698.D
Acq: 10 Jan 2025 22:12

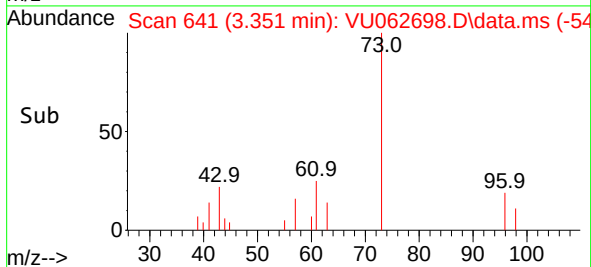
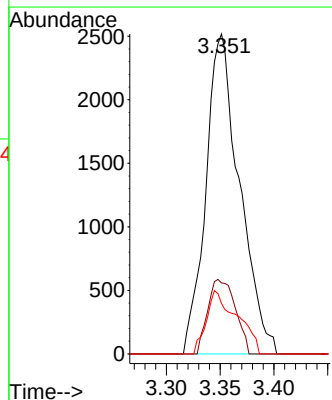
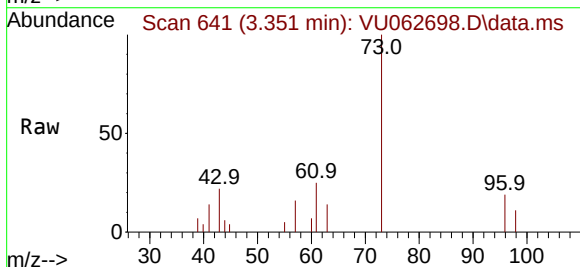
Instrument :
MSVOA_U
ClientSampleId :

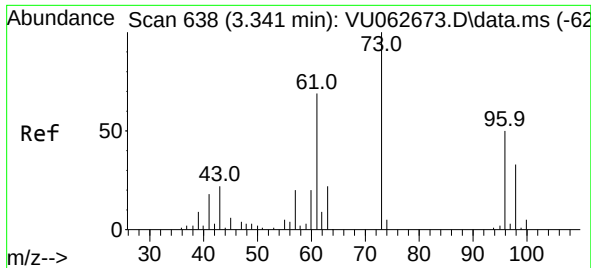
Tgt Ion: 96 Resp: 115416
Ion Ratio Lower Upper
96 100
61 163.6 120.4 223.6
63 69.7 82.3 152.9#



#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

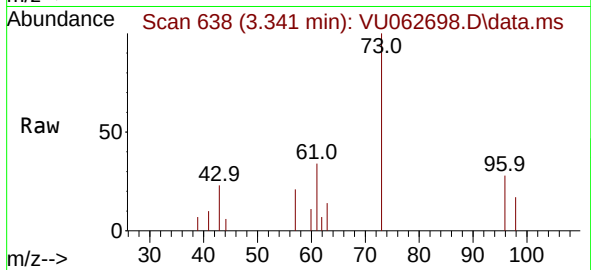
Tgt Ion: 73 Resp: 5481
Ion Ratio Lower Upper
73 100
43 19.0 16.2 24.4
57 18.0 14.6 22.0





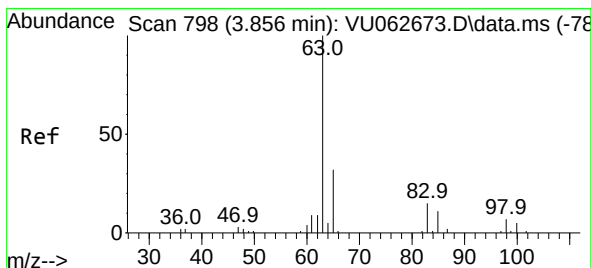
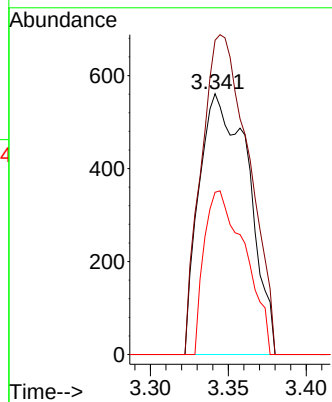
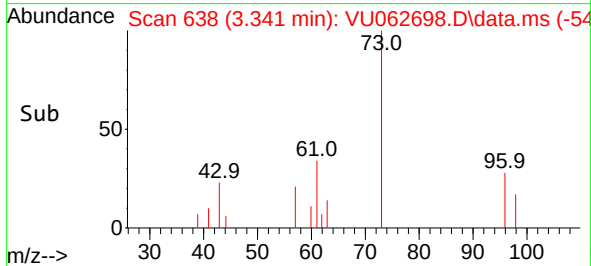
#18
 trans-1,2-Dichloroethene
 Concen: 0.199 ug/L
 RT: 3.341 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

Instrument :
 MSVOA_U
 ClientSampleId :

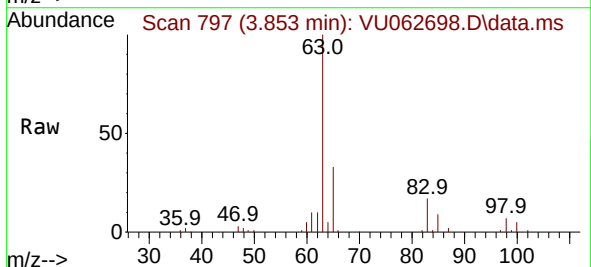


Tgt Ion: 96 Resp: 1235

Ion	Ratio	Lower	Upper
96	100		
61	120.5	94.4	175.2
98	62.2	42.8	79.4

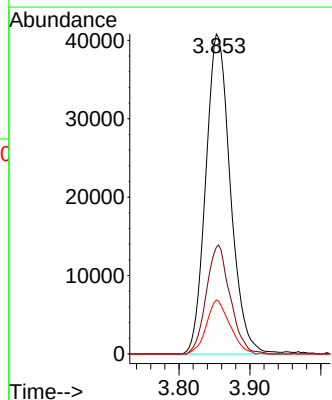
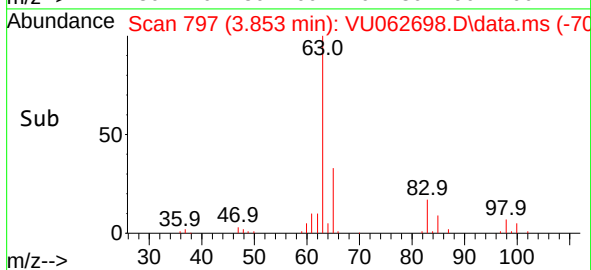


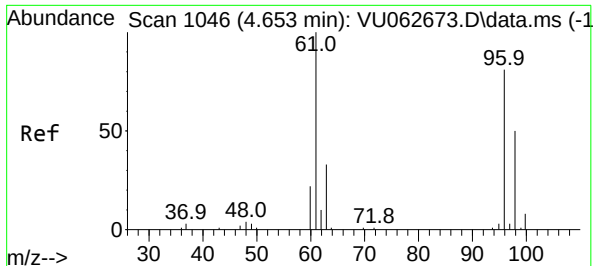
#19
 1,1-Dichloroethane
 Concen: 8.851 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. -0.003 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12



Tgt Ion: 63 Resp: 98437

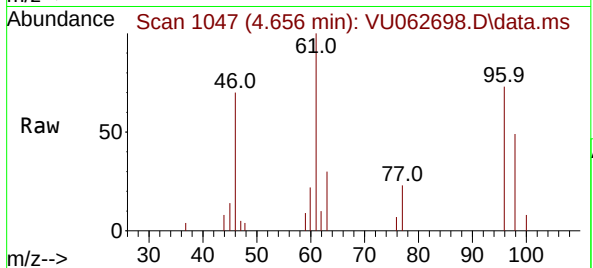
Ion	Ratio	Lower	Upper
63	100		
65	33.3	20.7	38.5
83	16.9	10.5	19.5



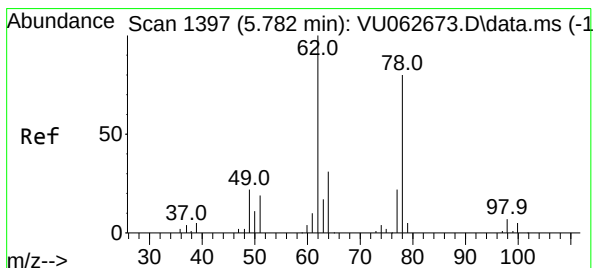
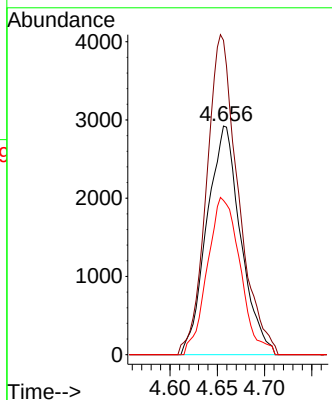
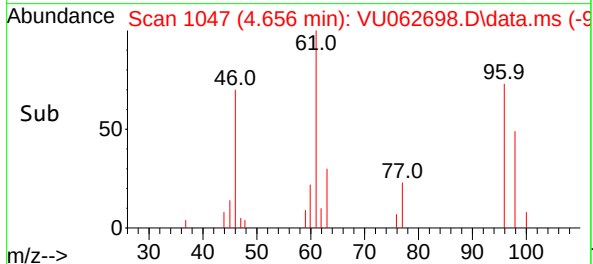


#22
 cis-1,2-Dichloroethene
 Concen: 1.069 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

Instrument :
 MSVOA_U
 ClientSampleId :

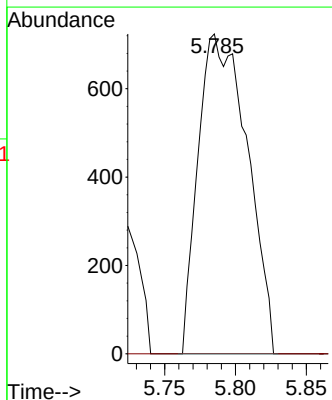
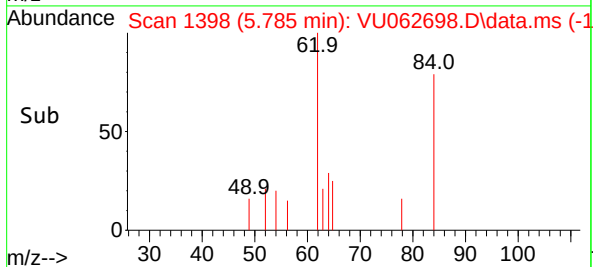
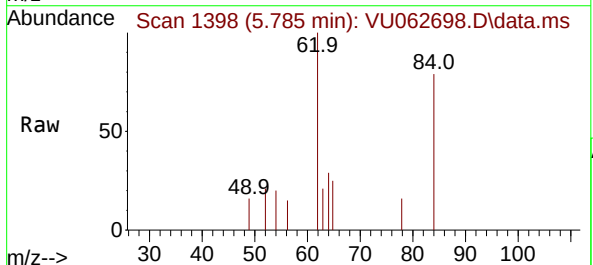


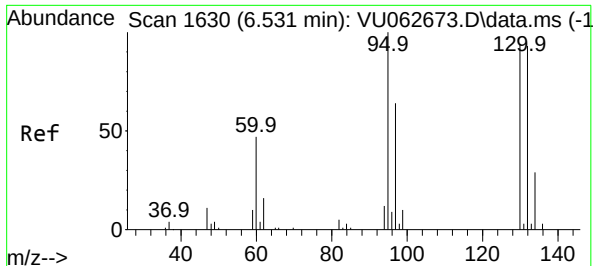
Tgt Ion: 96	Resp: 7242		
Ion Ratio	Lower	Upper	
96	100		
61	137.5	84.8	157.6
98	67.5	43.1	80.1



#27
 1,2-Dichloroethane
 Concen: 0.195 ug/L
 RT: 5.785 min Scan# 1398
 Delta R.T. 0.003 min
 Lab File: VU062698.D
 Acq: 10 Jan 2025 22:12

Tgt Ion: 62	Resp: 1741
Ion Ratio	Lower Upper
62 100	
98 0.0	5.8 8.6#





#34

Trichloroethene

Concen: 2.672 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.000 min

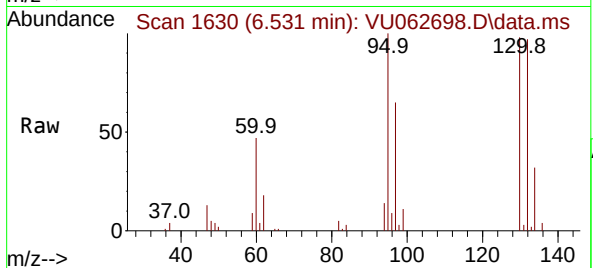
Lab File: VU062698.D

Acq: 10 Jan 2025 22:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 23138

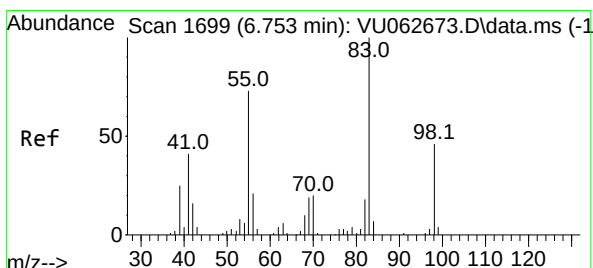
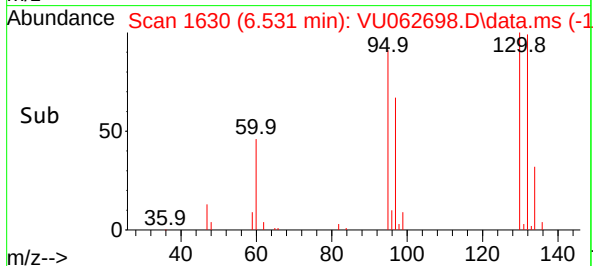
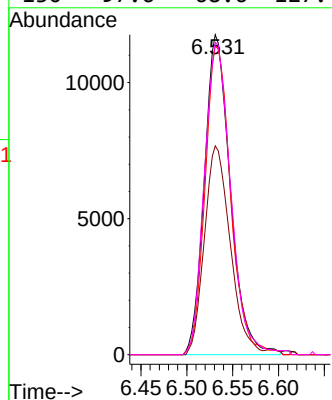
Ion Ratio Lower Upper

95 100

97 65.3 47.5 88.3

132 96.5 66.9 124.3

130 97.6 68.6 127.4



#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062698.D

Acq: 10 Jan 2025 22:12

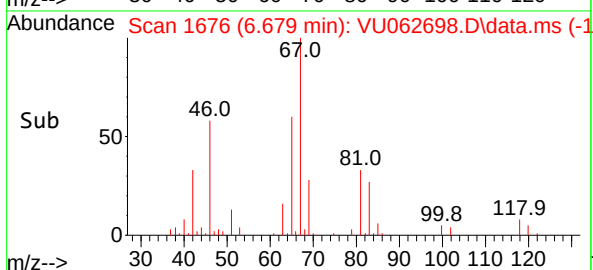
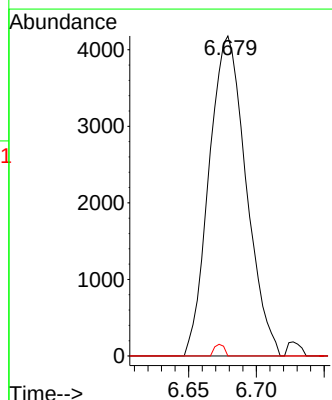
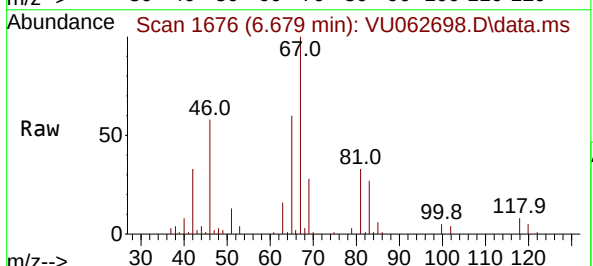
Tgt Ion: 83 Resp: 7938

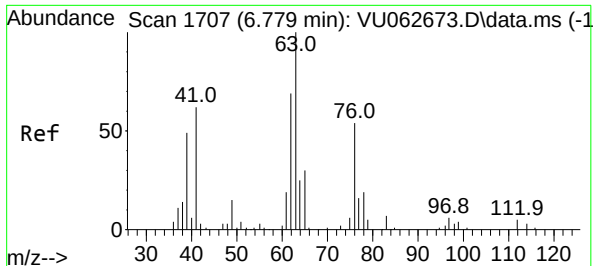
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 1.0 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 2.075 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062698.D

Acq: 10 Jan 2025 22:12

Instrument :

MSVOA_U

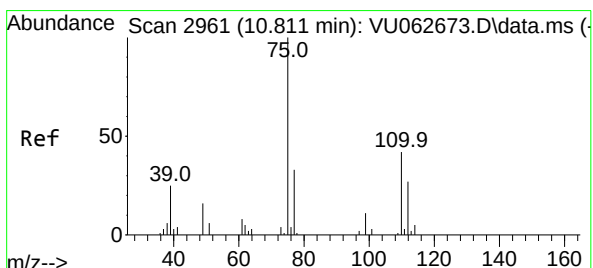
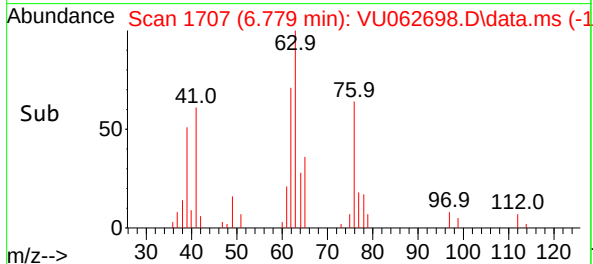
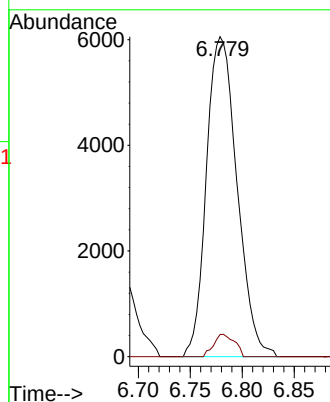
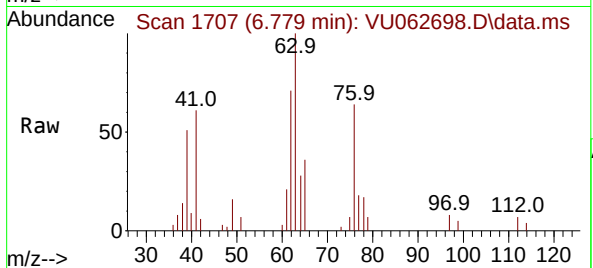
ClientSampleId :

Tgt Ion: 63 Resp: 12407

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#61

1,2,3-Trichloropropane

Concen: 1.146 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062698.D

Acq: 10 Jan 2025 22:12

Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 35.0 25.9 38.9

