

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062761.D
 Acq On : 15 Jan 2025 12:50
 Operator : MD/SY
 Sample : Q1059-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:46:25 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)

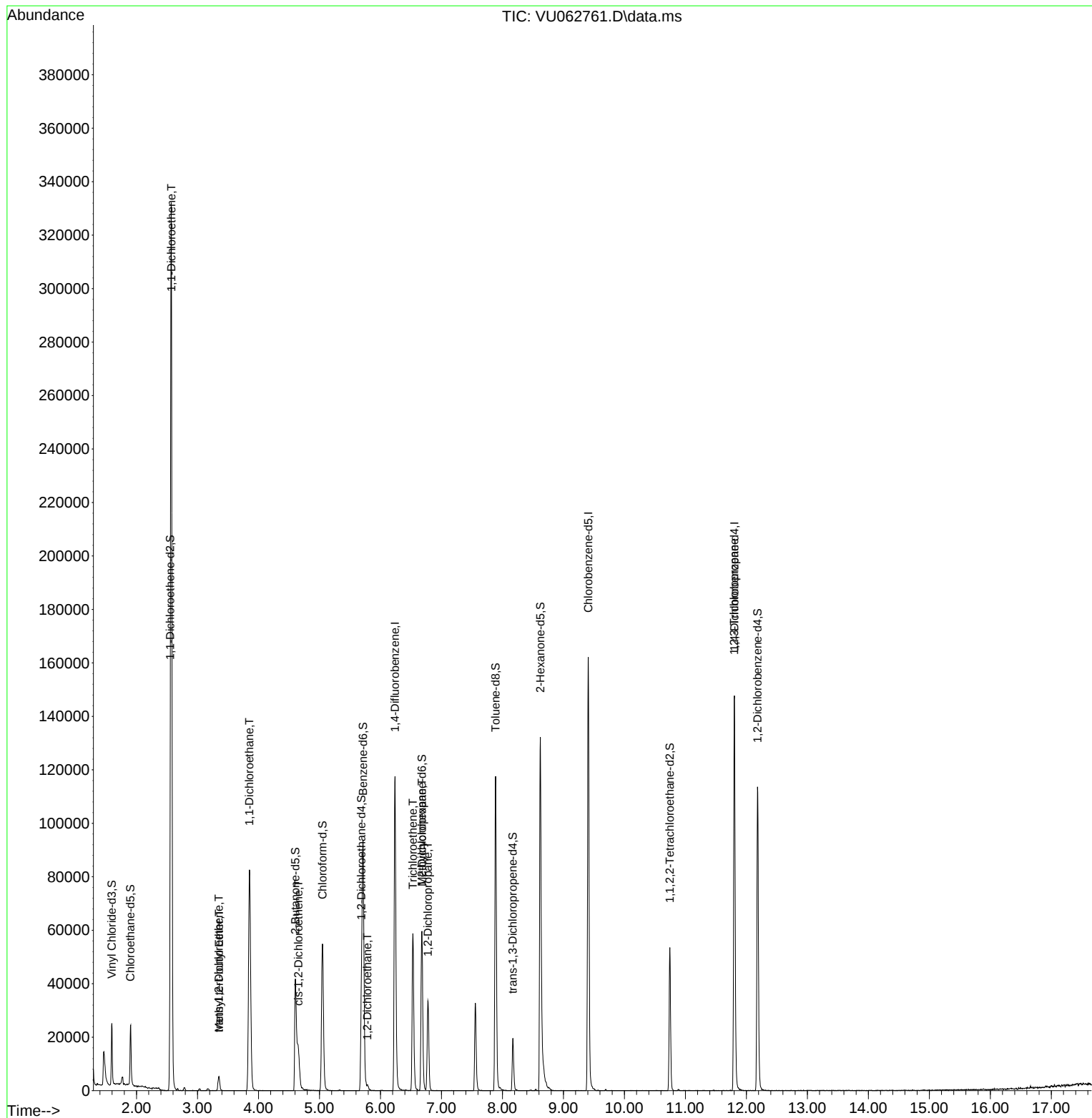
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97153	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15672	2.913	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.200%	
7) Chloroethane-d5	1.901	69	16327	3.772	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.400%	
11) 1,1-Dichloroethene-d2	2.554	65	9471	3.398	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	4.605	46	57117	51.938	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.880%	
24) Chloroform-d	5.049	84	55415	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.688	65	31986	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.714	84	88256	3.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
36) 1,2-Dichloropropane-d6	6.679	67	26368	4.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.888	98	81258	3.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.200%	
43) trans-1,3-Dichloroprop...	8.171	79	13144	4.289	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.621	63	47118	48.887	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.780%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24799	4.817	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.183	152	33078	4.636	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	108063	17.918	ug/L #	76
17) Methyl tert-butyl Ether	3.354	73	4365	0.263	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	974	0.151	ug/L	80
19) 1,1-Dichloroethane	3.853	63	92274	7.987	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	6836	0.972	ug/L	98
27) 1,2-Dichloroethane	5.785	62	1916	0.206	ug/L #	79
34) Trichloroethene	6.531	95	20957	2.354	ug/L	98
35) Methylcyclohexane	6.679	83	7575	0.691	ug/L #	24
37) 1,2-Dichloropropane	6.778	63	11851	1.928	ug/L	99
61) 1,2,3-Trichloropropane	11.801	75	3951	1.039	ug/L #	61

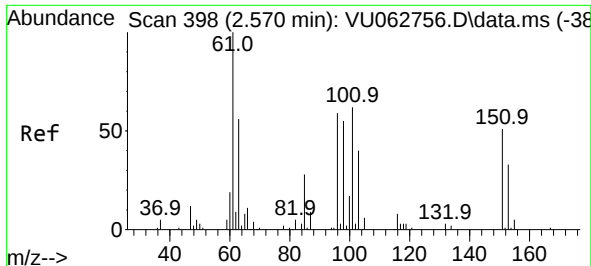
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 17.918 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062761.D

Acq: 15 Jan 2025 12:50

Instrument :

MSVOA_U

ClientSampleId :

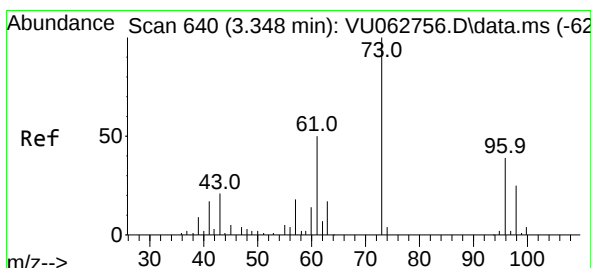
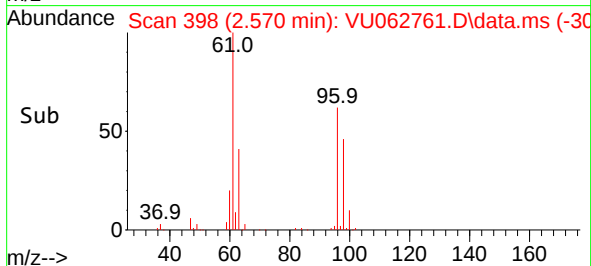
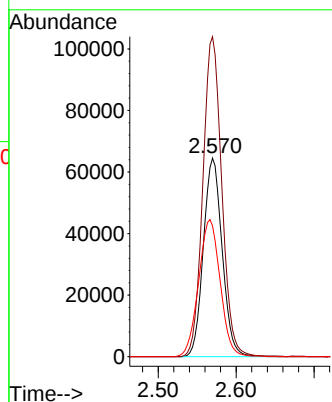
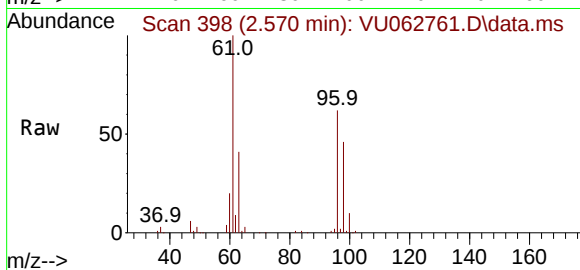
Tgt Ion: 96 Resp: 108063

Ion Ratio Lower Upper

96 100

61 161.1 120.4 223.6

63 65.9 82.3 152.9#



#17

Methyl tert-butyl Ether

Concen: 0.263 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.006 min

Lab File: VU062761.D

Acq: 15 Jan 2025 12:50

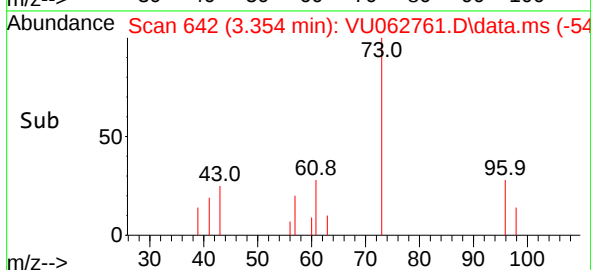
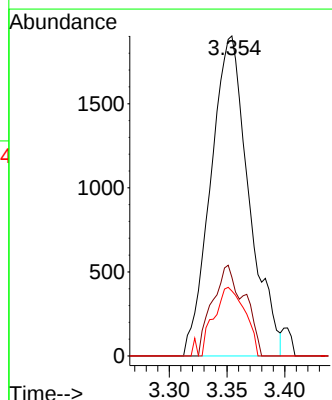
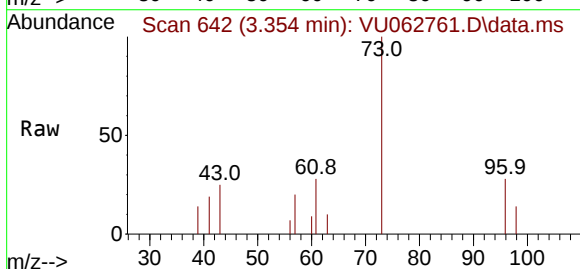
Tgt Ion: 73 Resp: 4365

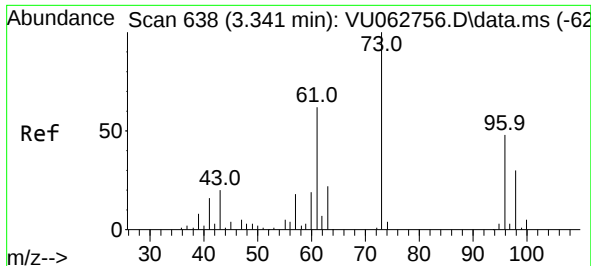
Ion Ratio Lower Upper

73 100

43 23.8 16.2 24.4

57 17.3 14.6 22.0

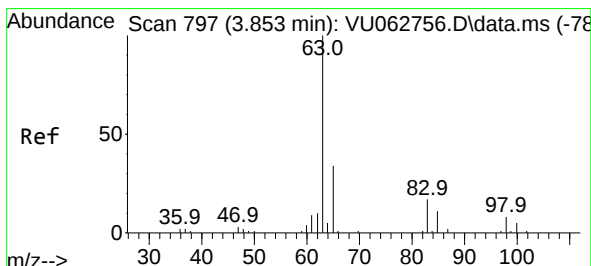
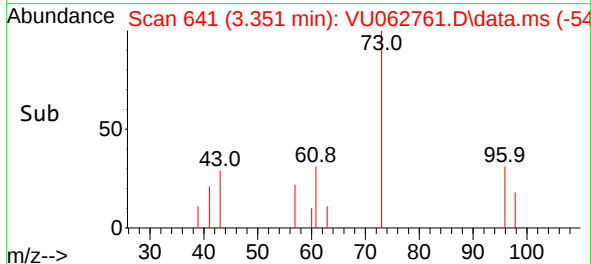
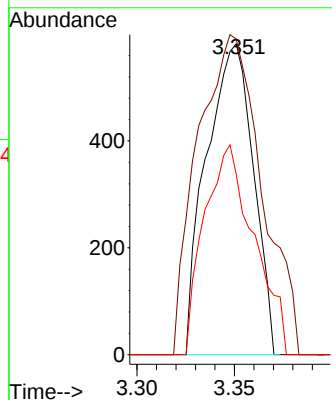
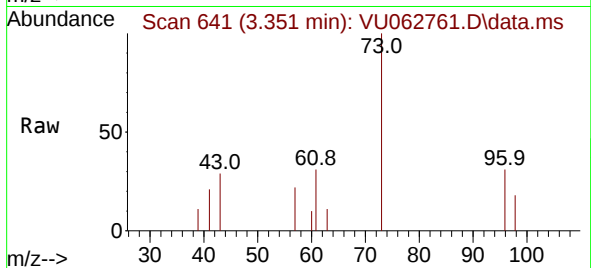




#18
trans-1,2-Dichloroethene
Concen: 0.151 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

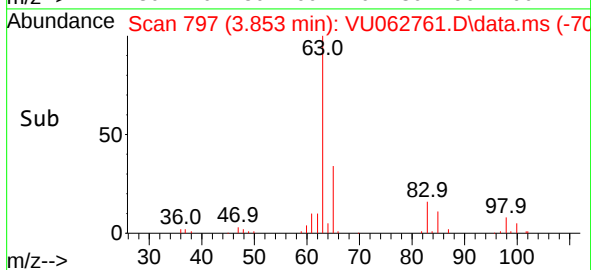
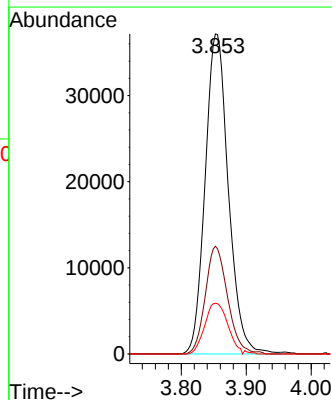
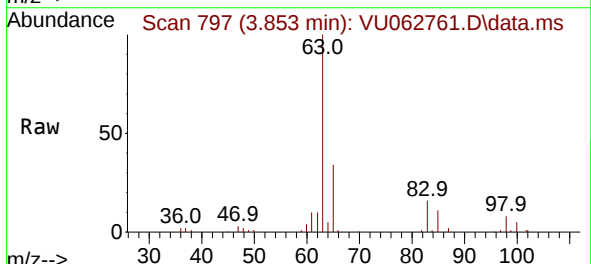
Instrument :
MSVOA_U
ClientSampleId :

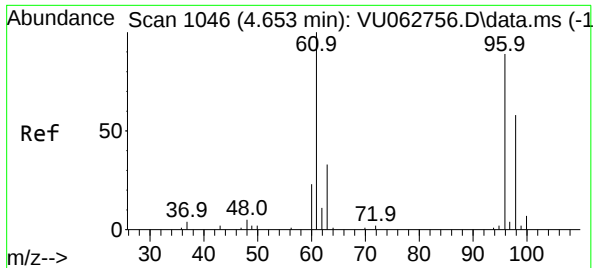
Tgt Ion: 96 Resp: 974
Ion Ratio Lower Upper
96 100
61 101.5 94.4 175.2
98 58.1 42.8 79.4



#19
1,1-Dichloroethane
Concen: 7.987 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Tgt Ion: 63 Resp: 92274
Ion Ratio Lower Upper
63 100
65 33.6 20.7 38.5
83 15.9 10.5 19.5





#22

cis-1,2-Dichloroethene

Concen: 0.972 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU062761.D

Acq: 15 Jan 2025 12:50

Instrument :

MSVOA_U

ClientSampleId :

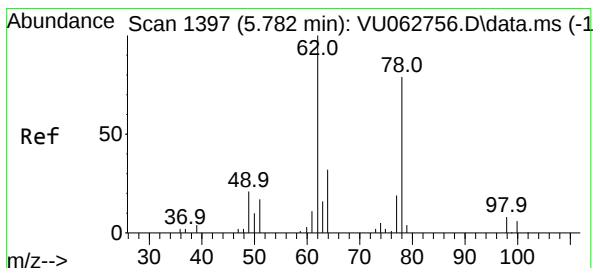
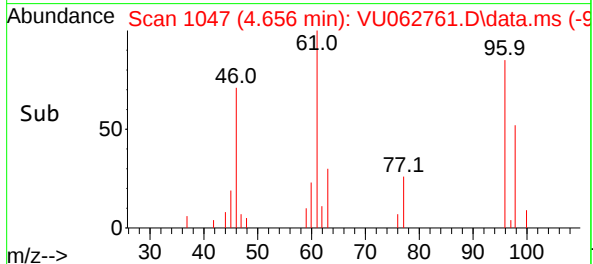
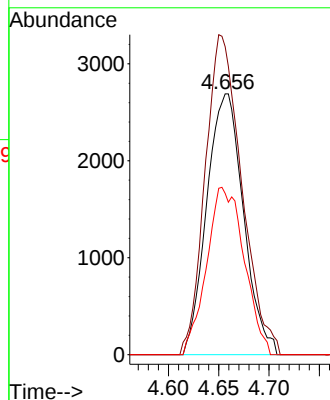
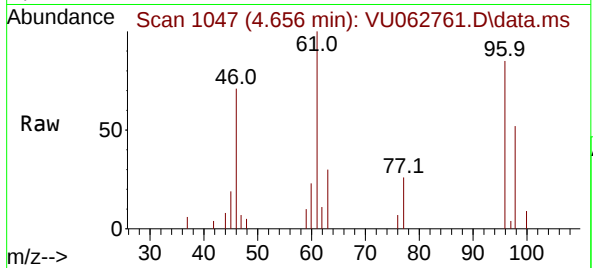
Tgt Ion: 96 Resp: 6836

Ion Ratio Lower Upper

96 100

61 118.1 84.8 157.6

98 61.8 43.1 80.1



#27

1,2-Dichloroethane

Concen: 0.206 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU062761.D

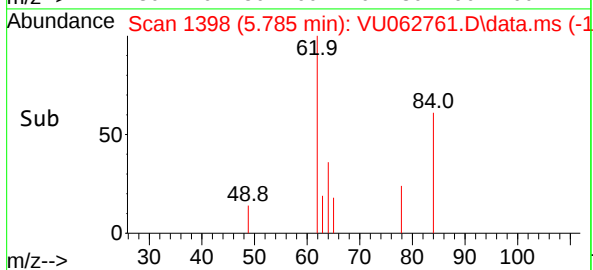
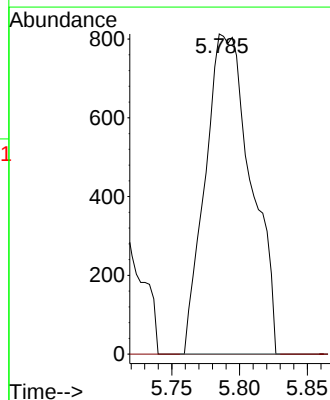
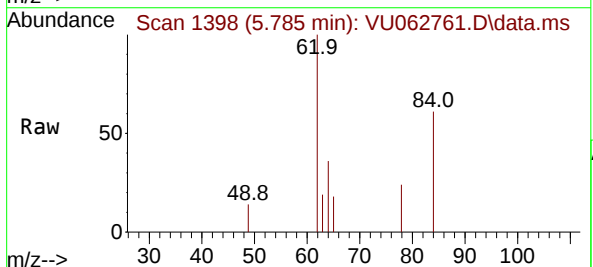
Acq: 15 Jan 2025 12:50

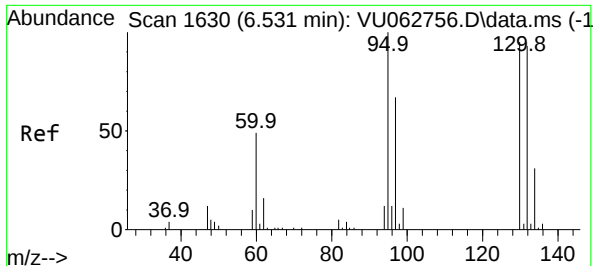
Tgt Ion: 62 Resp: 1916

Ion Ratio Lower Upper

62 100

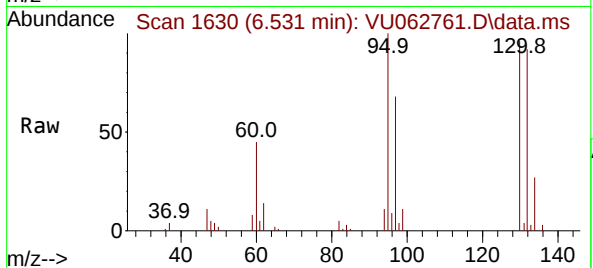
98 0.0 5.8 8.6#



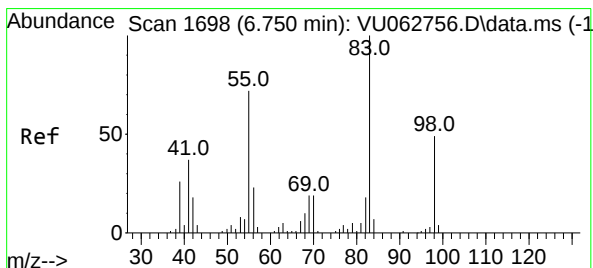
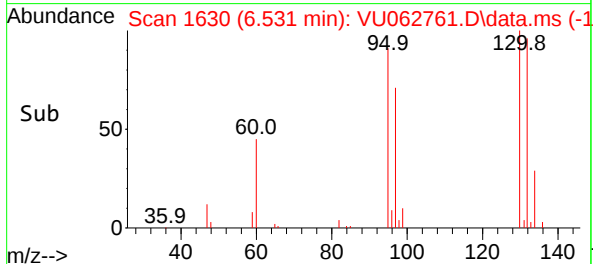
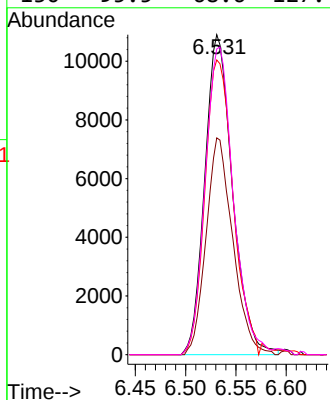


#34
Trichloroethene
Concen: 2.354 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Instrument :
MSVOA_U
ClientSampleId :

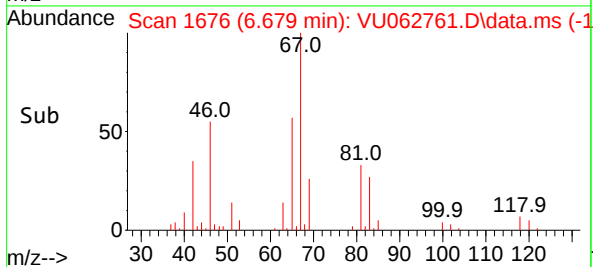
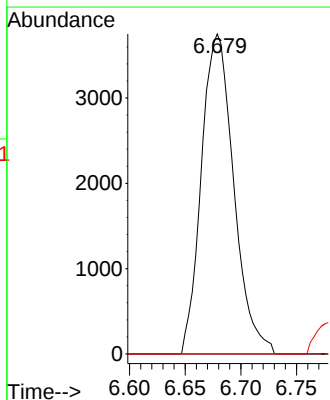
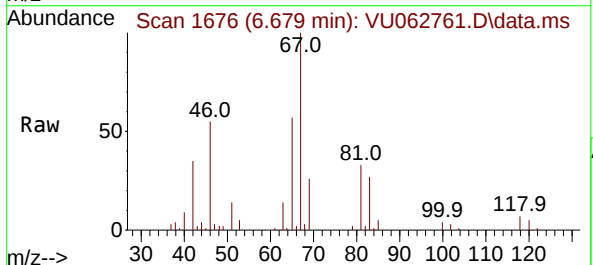


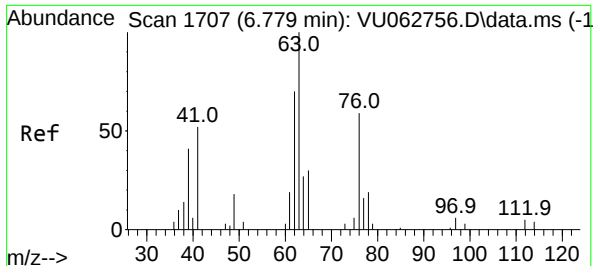
Tgt Ion:	95	Resp:	20957
Ion	Ratio	Lower	Upper
95	100		
97	67.7	47.5	88.3
132	92.1	66.9	124.3
130	95.5	68.6	127.4



#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062761.D
Acq: 15 Jan 2025 12:50

Tgt Ion:	83	Resp:	7575
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	5.8	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 1.928 ug/L

RT: 6.778 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU062761.D

Acq: 15 Jan 2025 12:50

Instrument :

MSVOA_U

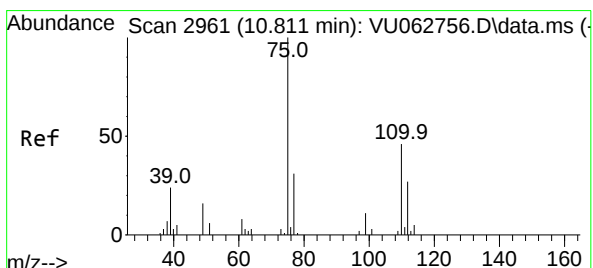
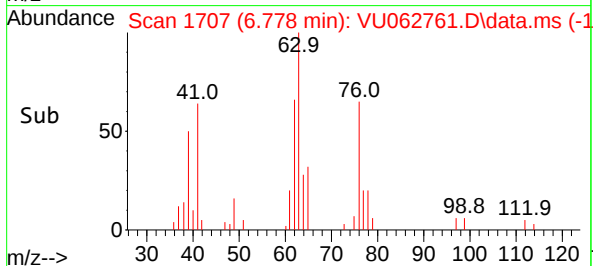
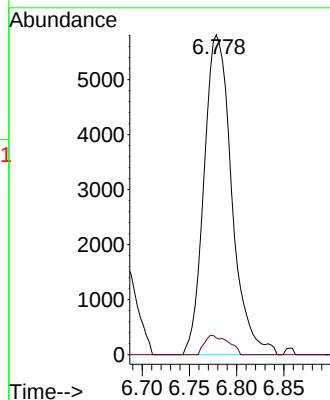
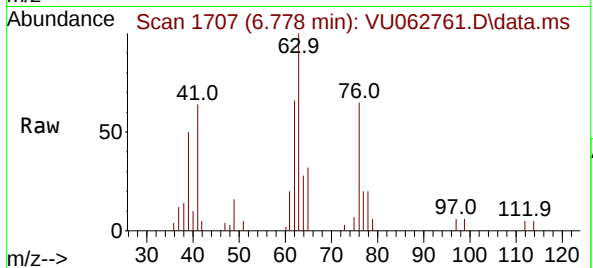
ClientSampleId :

Tgt Ion: 63 Resp: 11851

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#61

1,2,3-Trichloropropane

Concen: 1.039 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062761.D

Acq: 15 Jan 2025 12:50

Tgt Ion: 75 Resp: 3951

Ion Ratio Lower Upper

75 100

110 3.3 33.2 49.8#

77 39.0 25.9 38.9#

