

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059878.D
 Acq On : 08 Jul 2024 13:08
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 09 02:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

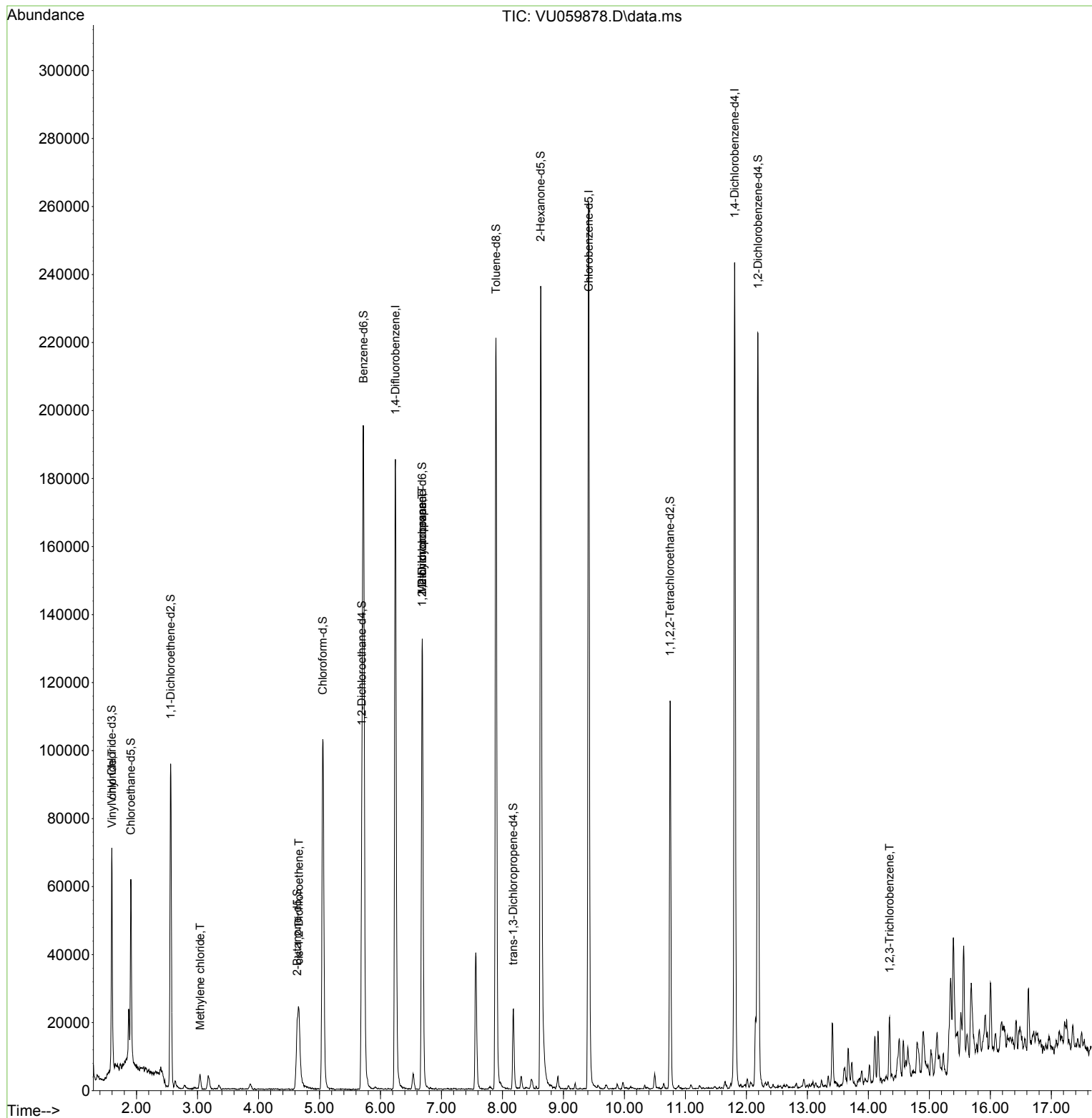
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159723	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45471	4.094	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.907	69	42334	3.961	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.560	65	17875	3.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	4.634	46	19592	8.564	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	17.120%#	
24) Chloroform-d	5.055	84	101574	4.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.695	65	54684	4.980	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.721	84	194654	4.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.685	67	66066	4.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	158066	3.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.177	79	15454	3.672	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.627	63	84251	48.174	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.340%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60658	5.462	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	66311	5.283	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3651	0.227	ug/L #	60
16) Methylene chloride	3.042	84	2227	0.166	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	9227	0.711	ug/L	95
35) Methylcyclohexane	6.685	83	15659	0.840	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6812	0.544	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.347	180	2506	0.215	ug/L #	24

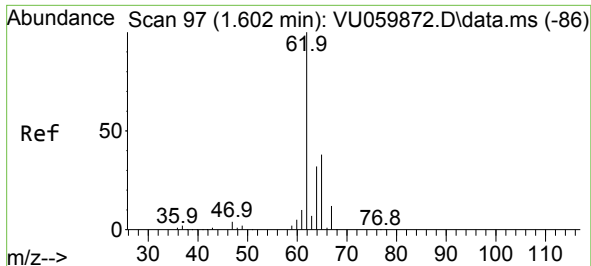
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059878.D
Acq On : 08 Jul 2024 13:08
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 09 02:35:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration

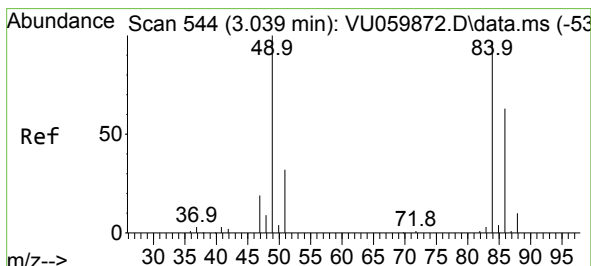
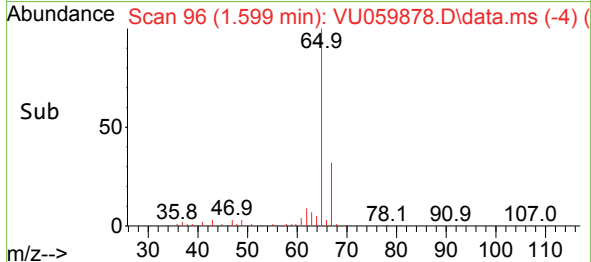
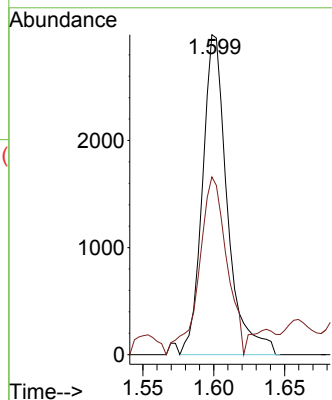
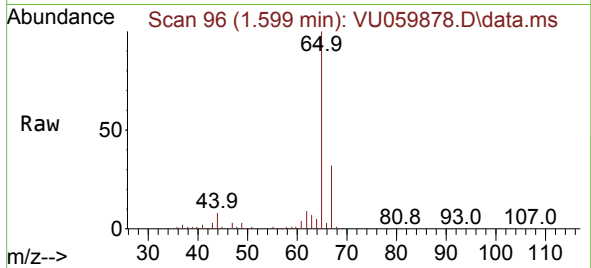




#5
 Vinyl chloride
 Concen: 0.227 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059878.D
 Acq: 08 Jul 2024 13:08

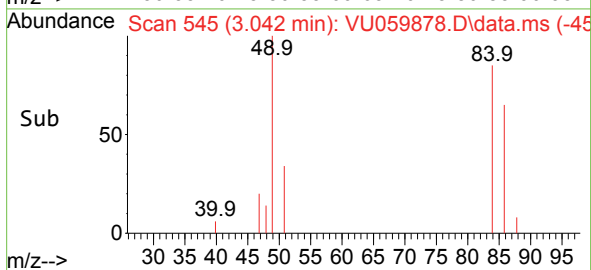
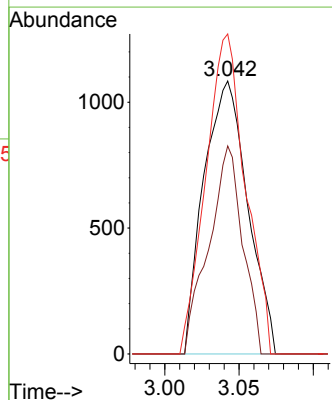
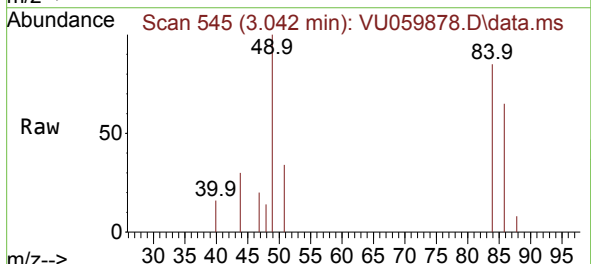
Instrument :
 MSVOA_U
 ClientSampleId :

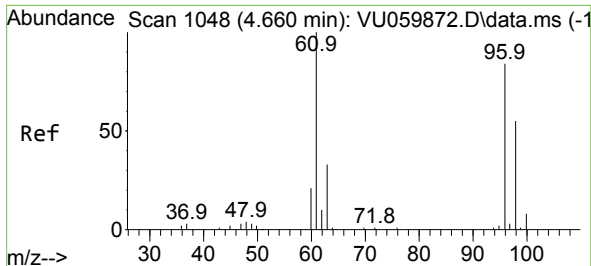
Tgt Ion: 62 Resp: 3651
 Ion Ratio Lower Upper
 62 100
 64 55.5 23.1 42.9#



#16
 Methylene chloride
 Concen: 0.166 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU059878.D
 Acq: 08 Jul 2024 13:08

Tgt Ion: 84 Resp: 2227
 Ion Ratio Lower Upper
 84 100
 86 76.2 42.1 78.1
 49 117.3 80.6 149.8





#22

cis-1,2-Dichloroethene

Concen: 0.711 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

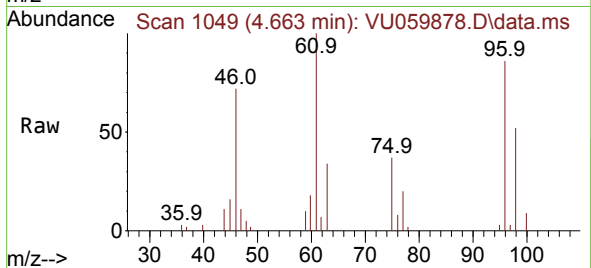
Lab File: VU059878.D

Acq: 08 Jul 2024 13:08

Instrument :

MSVOA_U

ClientSampleId :



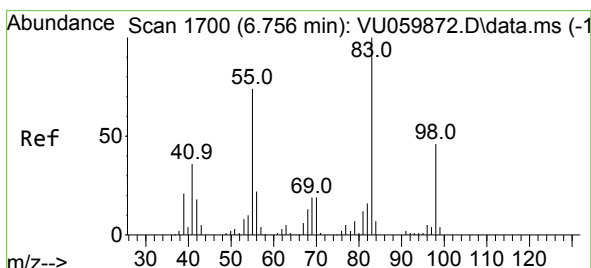
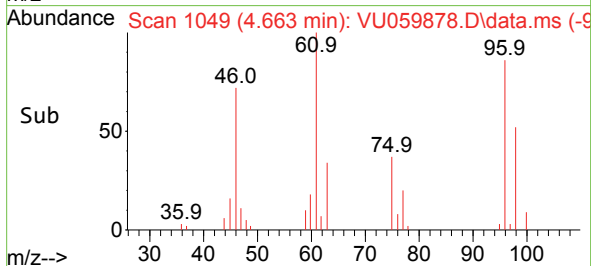
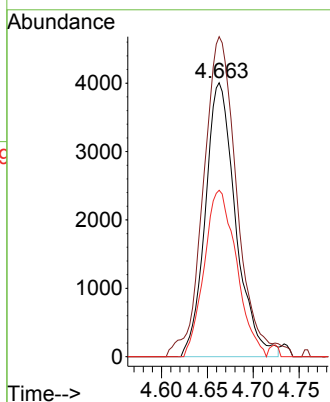
Tgt Ion: 96 Resp: 9227

Ion Ratio Lower Upper

96 100

61 116.8 87.4 162.2

98 60.8 42.3 78.5



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU059878.D

Acq: 08 Jul 2024 13:08

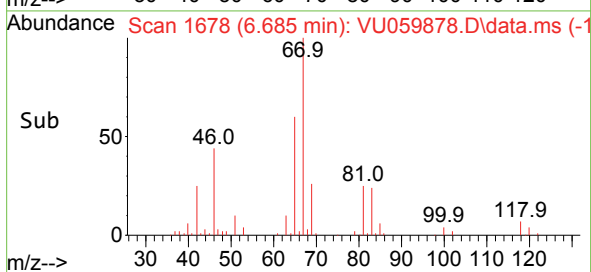
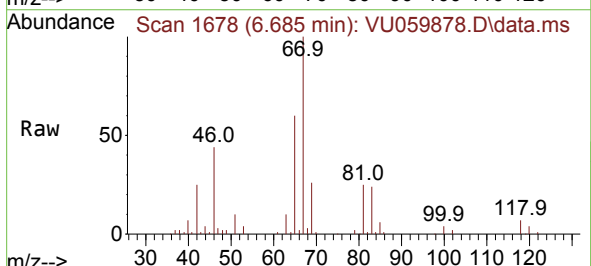
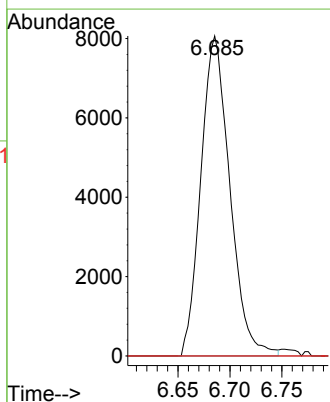
Tgt Ion: 83 Resp: 15659

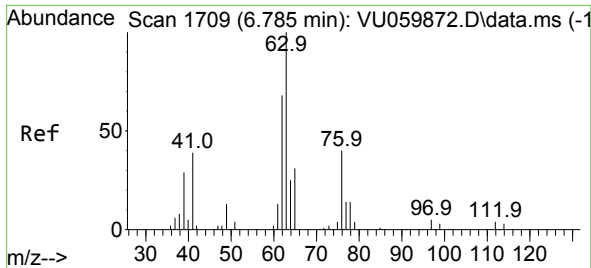
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 3.2 35.4 53.0#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU059878.D

Acq: 08 Jul 2024 13:08

Instrument :

MSVOA_U

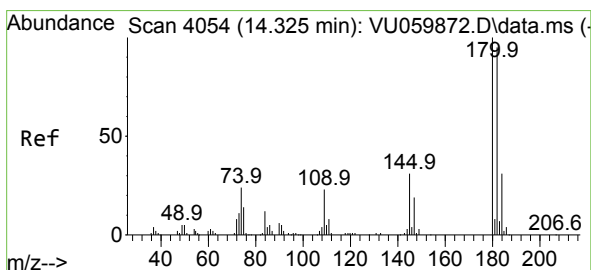
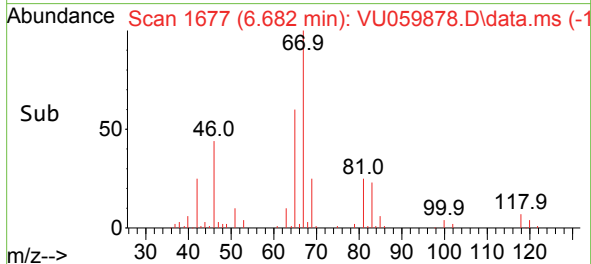
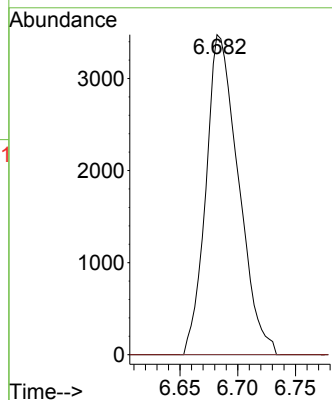
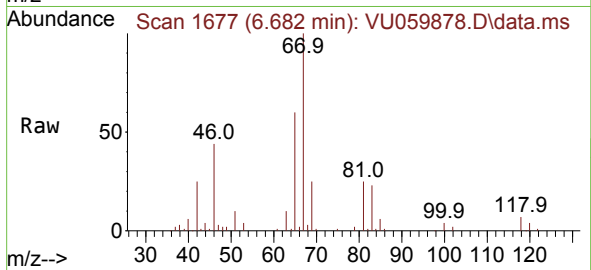
ClientSampleId :

Tgt Ion: 63 Resp: 6812

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#72

1,2,3-Trichlorobenzene

Concen: 0.215 ug/L

RT: 14.347 min Scan# 4061

Delta R.T. 0.022 min

Lab File: VU059878.D

Acq: 08 Jul 2024 13:08

Tgt Ion:180 Resp: 2506

Ion Ratio Lower Upper

180 100

182 15.2 77.0 115.6#

145 1.8 26.2 39.4#

