

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062840.D
 Acq On : 16 Jan 2025 23:53
 Operator : MD/SY
 Sample : Q1071-04DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 00:08:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

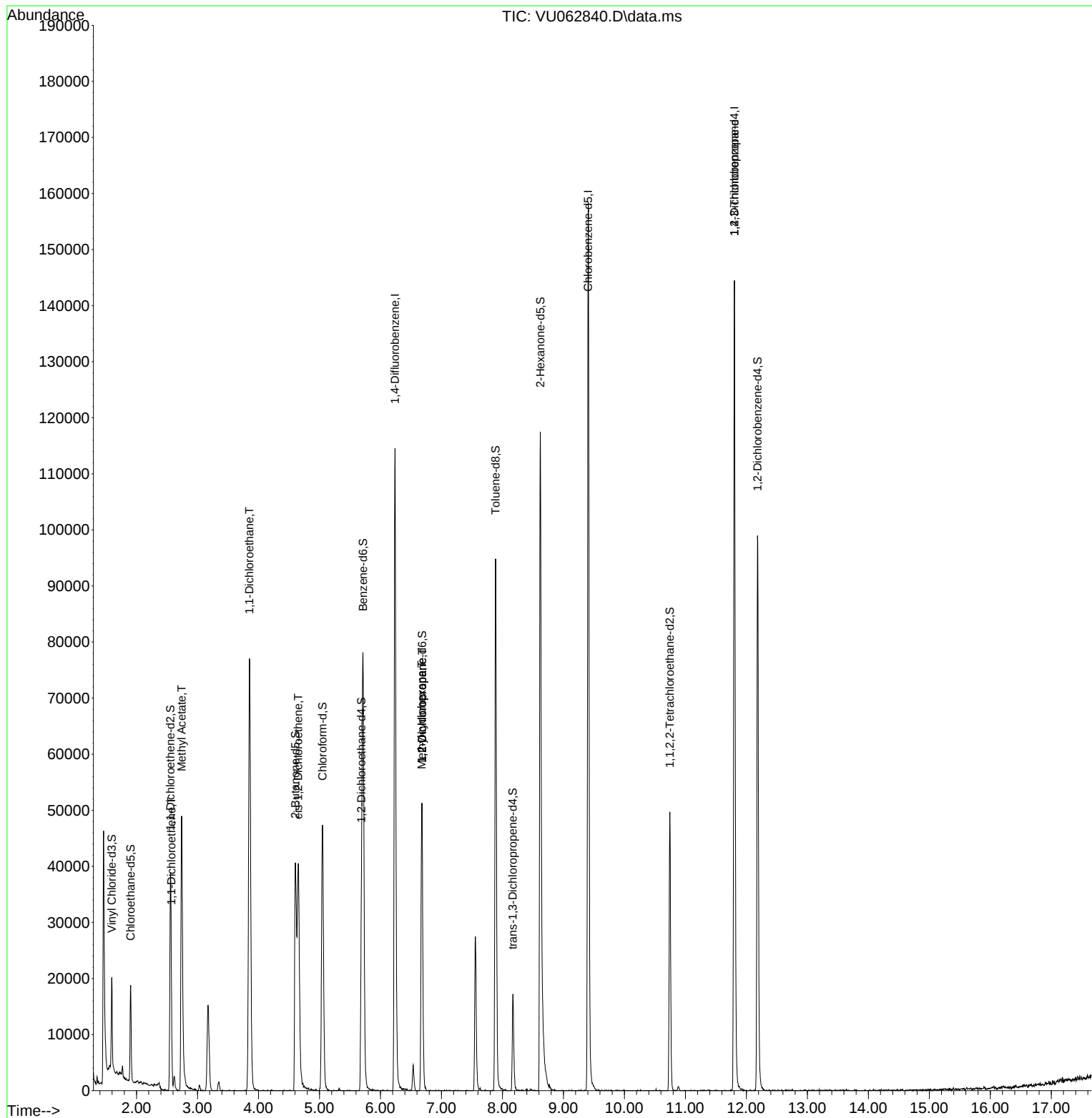
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	87680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	10953	2.111	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.200%
7) Chloroethane-d5	1.904	69	12177	2.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.400%#
11) 1,1-Dichloroethene-d2	2.557	65	6753	2.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.200%#
20) 2-Butanone-d5	4.605	46	55632	52.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.049	84	47254	3.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.689	65	29168	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.714	84	71673	3.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
36) 1,2-Dichloropropane-d6	6.682	67	22803	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.888	98	65590	3.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.800%#
43) trans-1,3-Dichloroprop...	8.171	79	10957	3.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.621	63	43039	46.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23285	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	29000	4.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2816	0.484	ug/L #	1
15) Methyl Acetate	2.740	43	14789	8.129	ug/L #	44
19) 1,1-Dichloroethane	3.853	63	84501	7.584	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	20690	3.049	ug/L	98
35) Methylcyclohexane	6.676	83	6290	0.594	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3295	0.554	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4044	1.052	ug/L #	56

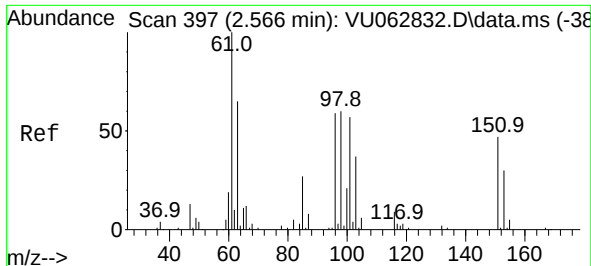
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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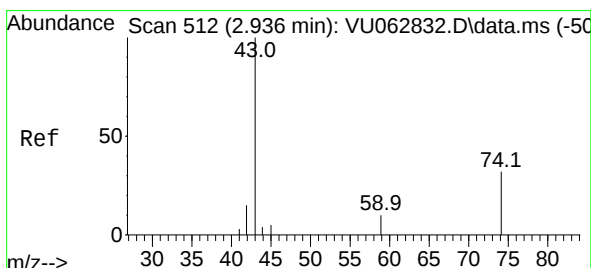
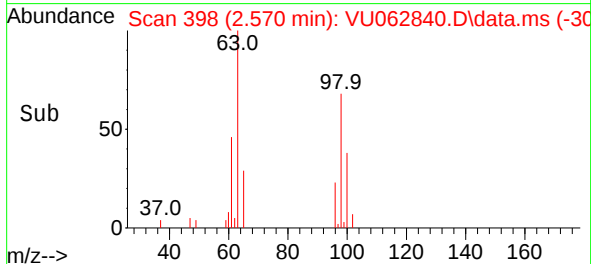
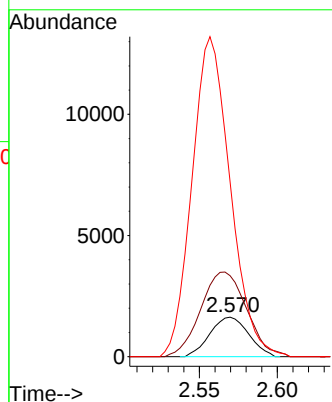
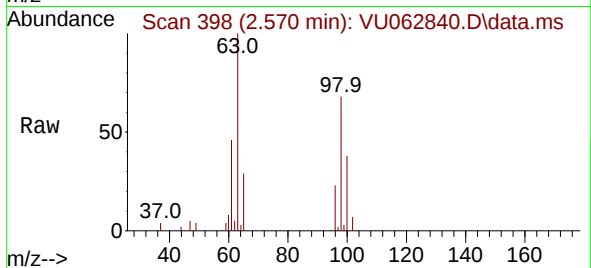




#12
1,1-Dichloroethene
Concen: 0.484 ug/L
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU062840.D
Acq: 16 Jan 2025 23:53

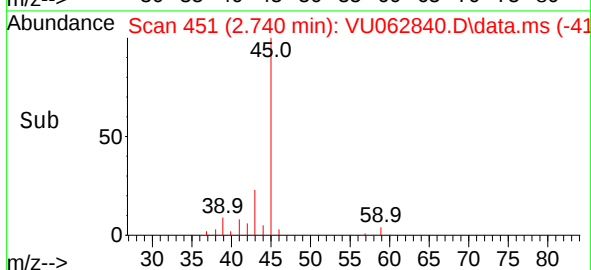
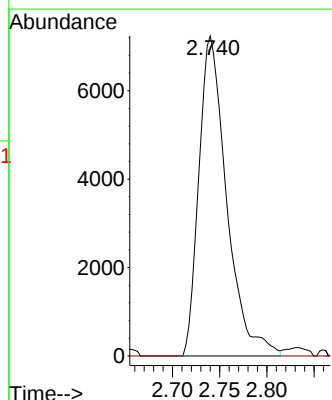
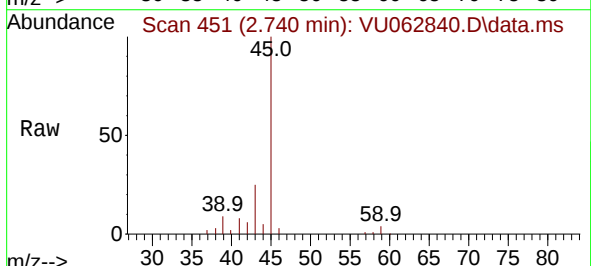
Instrument :
MSVOA_U
ClientSampleId :

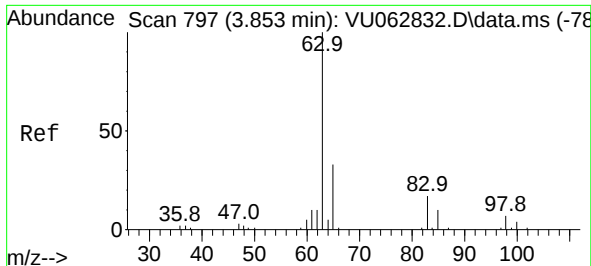
Tgt Ion: 96 Resp: 2816
Ion Ratio Lower Upper
96 100
61 204.5 120.4 223.6
63 441.1 82.3 152.9#



#15
Methyl Acetate
Concen: 8.129 ug/L
RT: 2.740 min Scan# 451
Delta R.T. -0.196 min
Lab File: VU062840.D
Acq: 16 Jan 2025 23:53

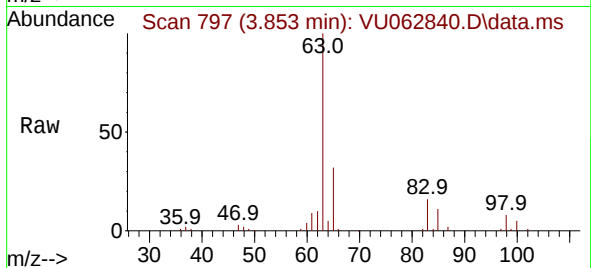
Tgt Ion: 43 Resp: 14789
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



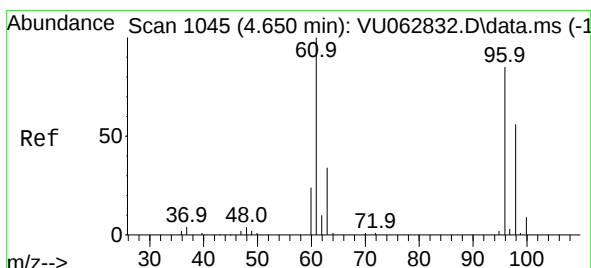
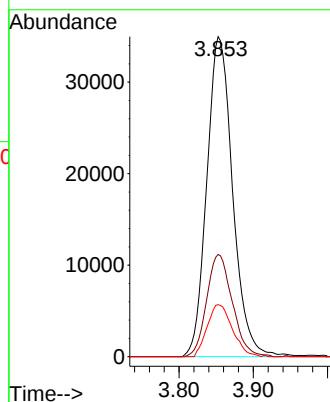
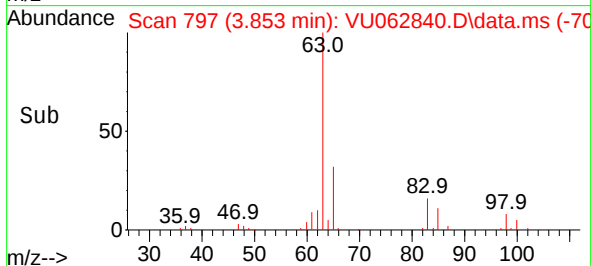


#19
1,1-Dichloroethane
Concen: 7.584 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062840.D
Acq: 16 Jan 2025 23:53

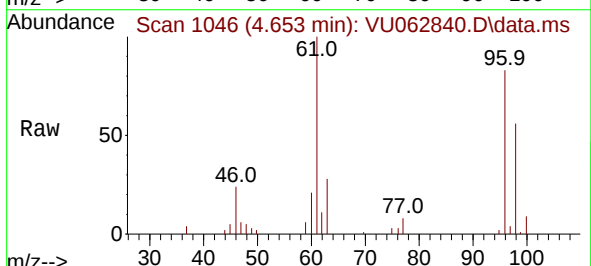
Instrument :
MSVOA_U
ClientSampleId :



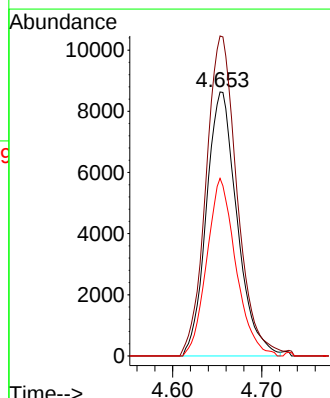
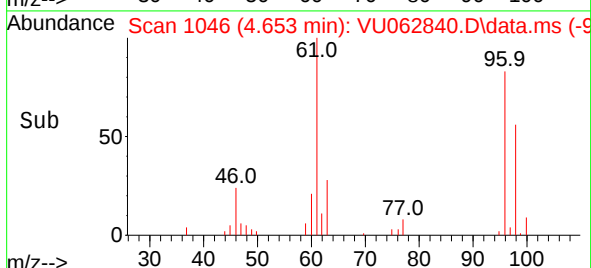
Tgt Ion: 63 Resp: 84501
Ion Ratio Lower Upper
63 100
65 31.9 20.7 38.5
83 16.2 10.5 19.5

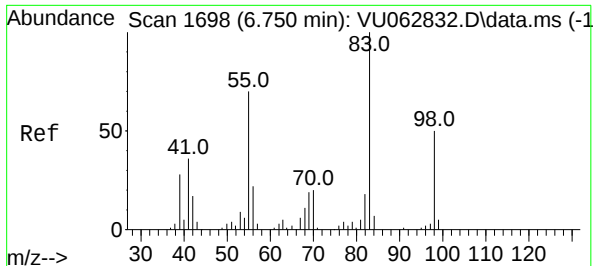


#22
cis-1,2-Dichloroethene
Concen: 3.049 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU062840.D
Acq: 16 Jan 2025 23:53



Tgt Ion: 96 Resp: 20690
Ion Ratio Lower Upper
96 100
61 121.2 84.8 157.6
98 67.3 43.1 80.1





#35

Methylcyclohexane

Concen: 0.594 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062840.D

Acq: 16 Jan 2025 23:53

Instrument :

MSVOA_U

ClientSampleId :

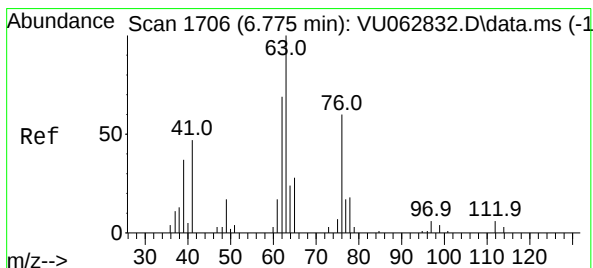
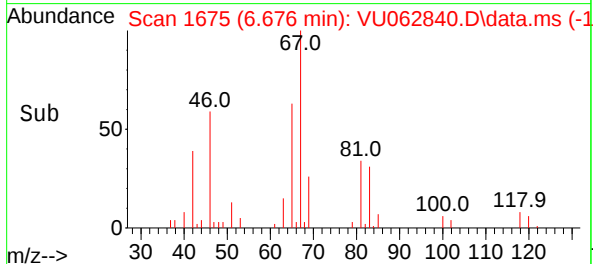
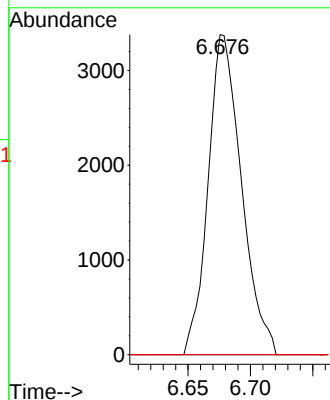
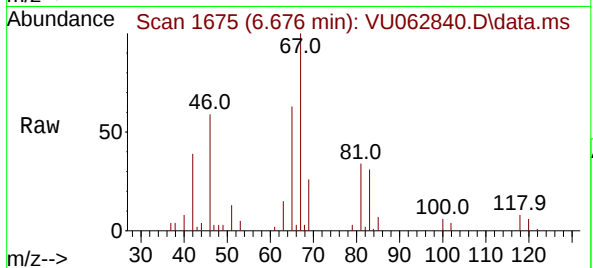
Tgt Ion: 83 Resp: 6290

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 1.5 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.093 min

Lab File: VU062840.D

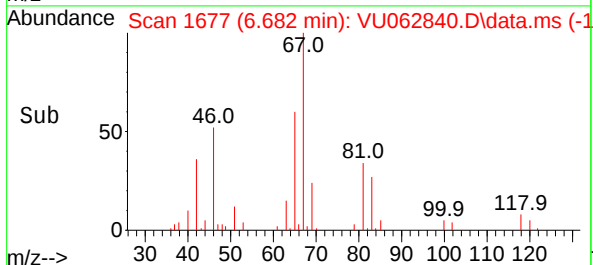
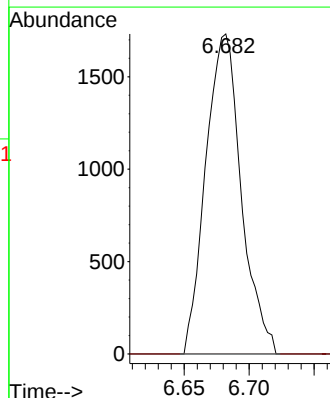
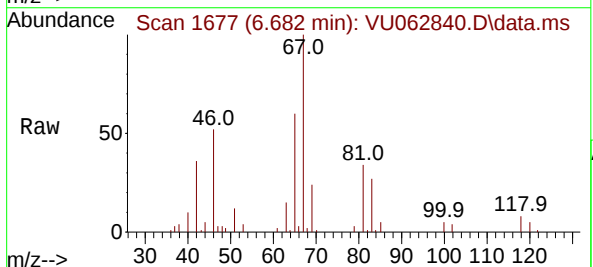
Acq: 16 Jan 2025 23:53

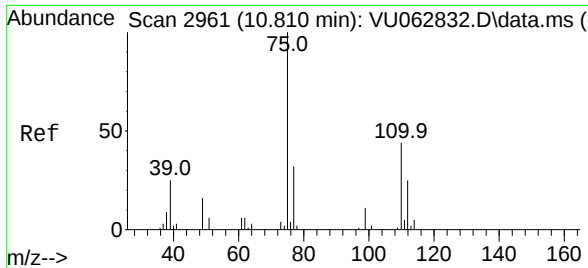
Tgt Ion: 63 Resp: 3295

Ion Ratio Lower Upper

63 100

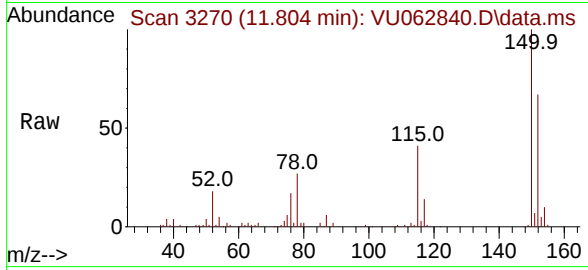
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.052 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062840.D
Acq: 16 Jan 2025 23:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4044
Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	41.7	25.9	38.9#

