

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062224.D
 Acq On : 10 Dec 2024 21:57
 Operator : MD/SY
 Sample : P5247-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:50:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

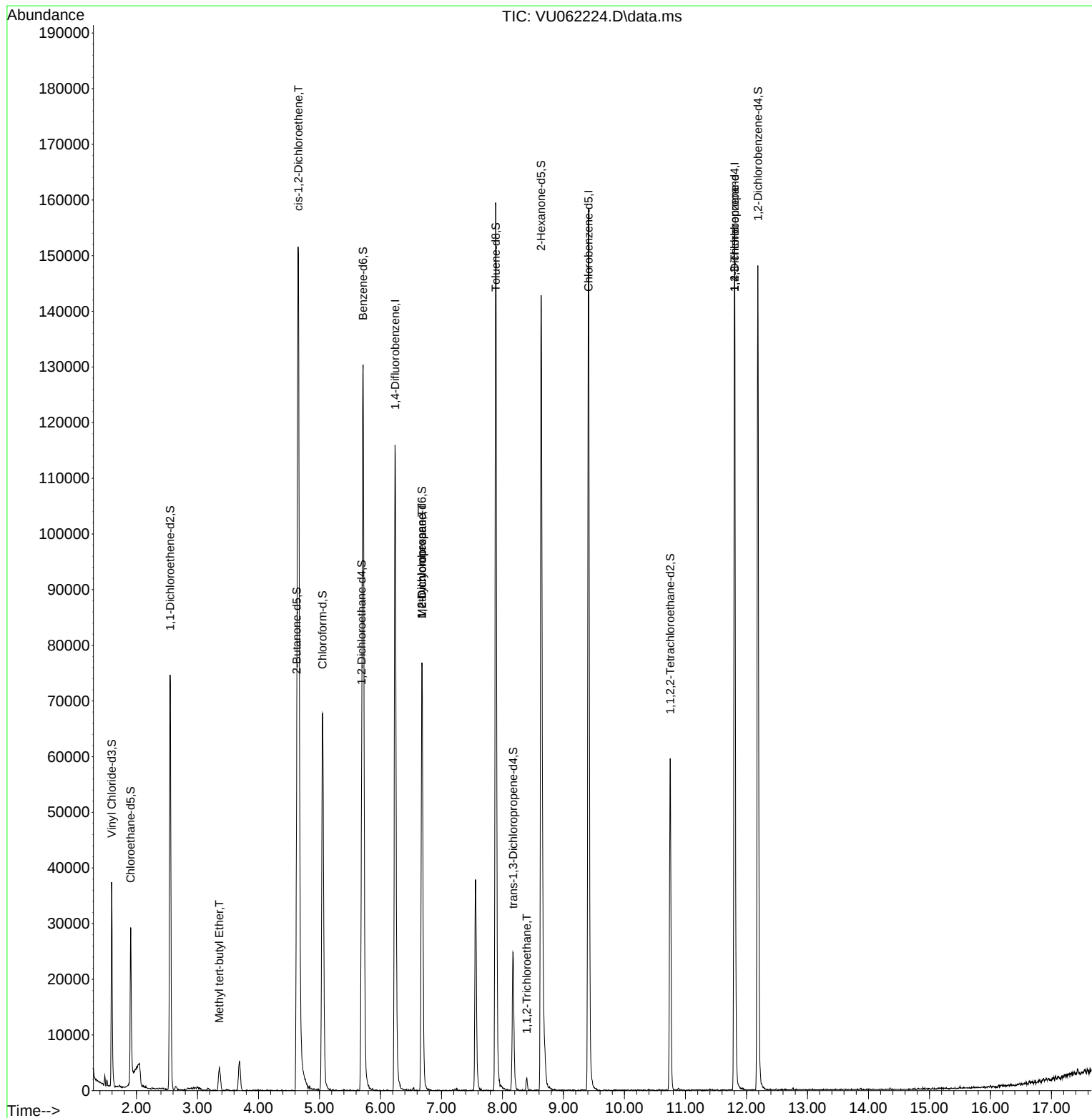
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97466	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27653	4.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.904	69	20179	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.551	65	13789	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.628	46	65376	51.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.049	84	66986	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	36193	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.715	84	124086	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.679	67	36713	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	110554	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	15108	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.634	63	53807	53.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	29313	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41643	5.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.358	73	5371	0.328	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	74732	9.861	ug/L	96
35) Methylcyclohexane	6.679	83	10065	0.835	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4326	0.619	ug/L #	87
45) 1,1,2-Trichloroethane	8.399	97	855	0.162	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	4245	1.070	ug/L #	65

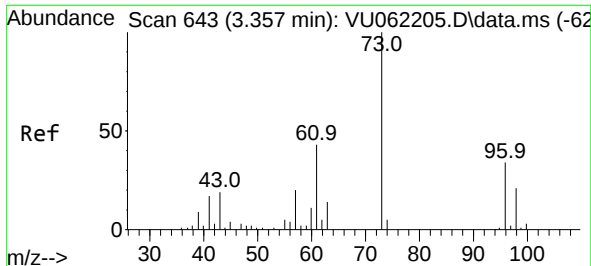
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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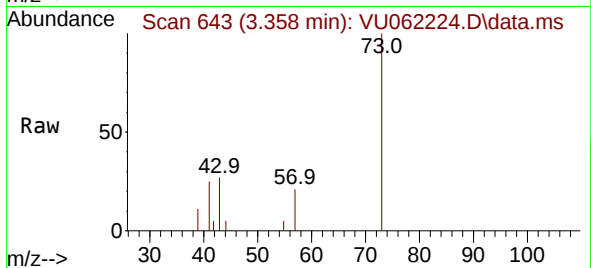
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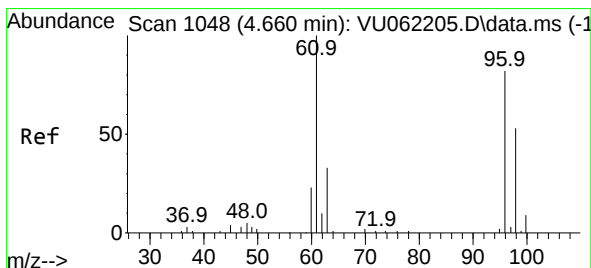
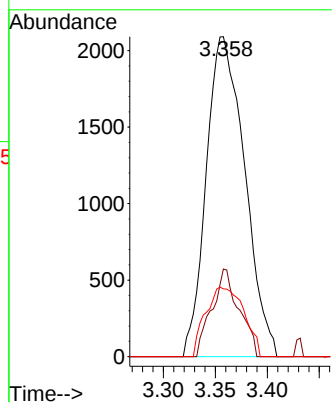
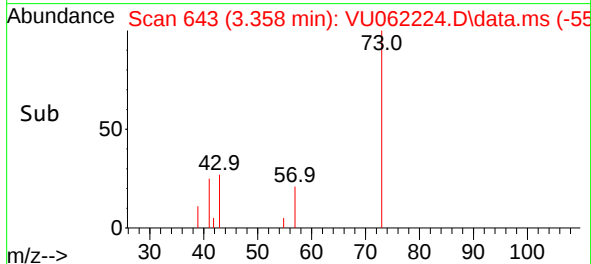


#17
Methyl tert-butyl Ether
Concen: 0.328 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU062224.D
Acq: 10 Dec 2024 21:57

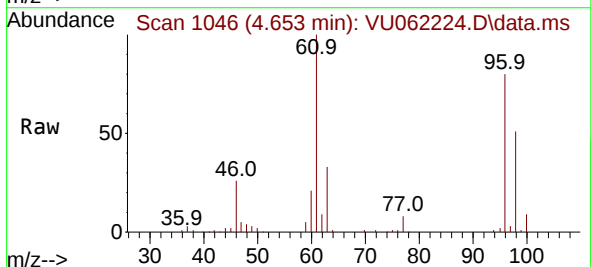
Instrument :
MSVOA_U
ClientSampleId :



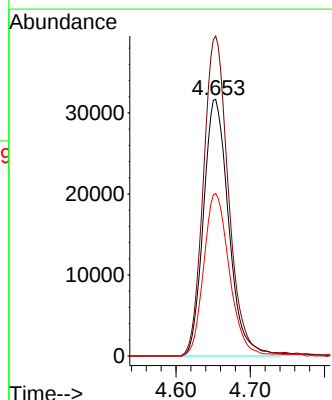
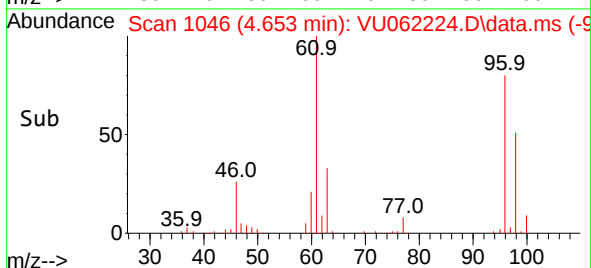
Tgt Ion: 73 Resp: 5371
Ion Ratio Lower Upper
73 100
43 19.4 16.3 24.5
57 21.5 17.1 25.7

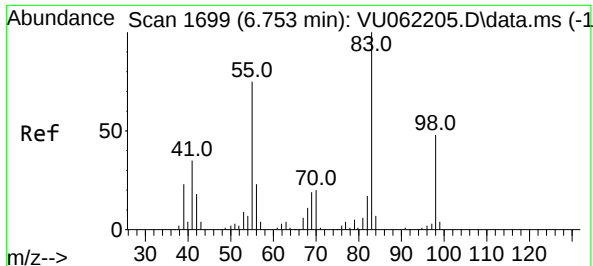


#22
cis-1,2-Dichloroethene
Concen: 9.861 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU062224.D
Acq: 10 Dec 2024 21:57



Tgt Ion: 96 Resp: 74732
Ion Ratio Lower Upper
96 100
61 124.7 92.0 170.8
98 63.3 44.5 82.7





#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062224.D

Acq: 10 Dec 2024 21:57

Instrument :

MSVOA_U

ClientSampleId :

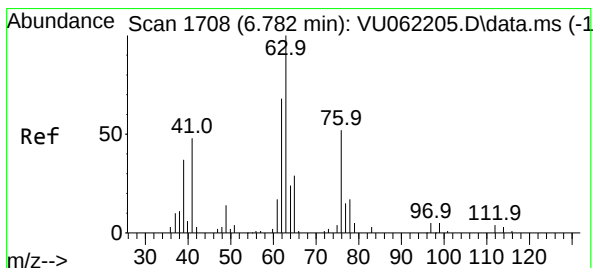
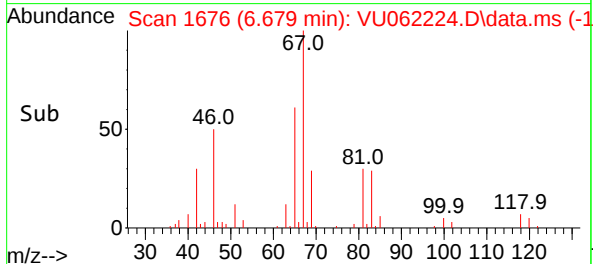
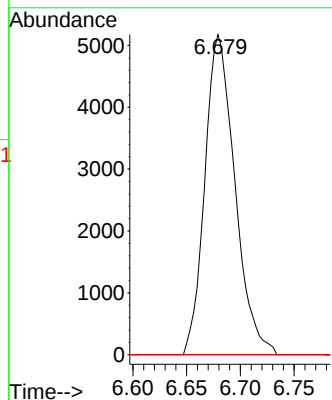
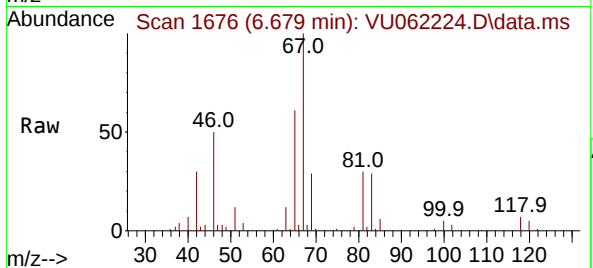
Tgt Ion: 83 Resp: 10065

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062224.D

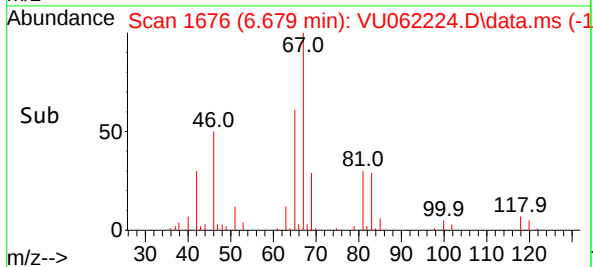
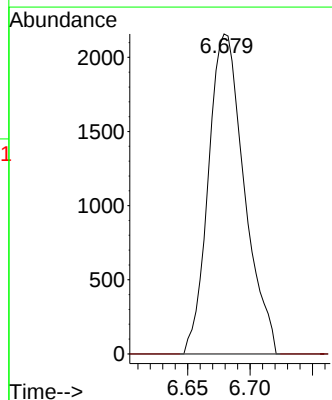
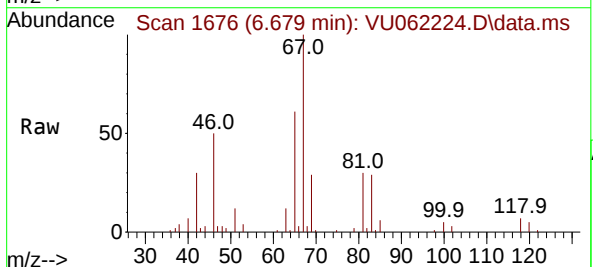
Acq: 10 Dec 2024 21:57

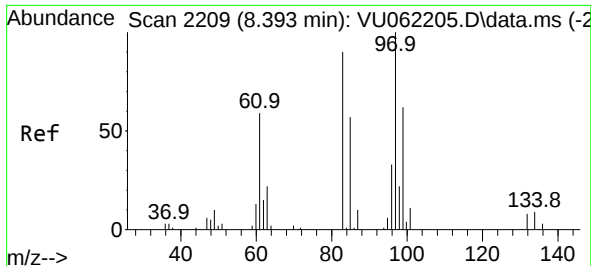
Tgt Ion: 63 Resp: 4326

Ion Ratio Lower Upper

63 100

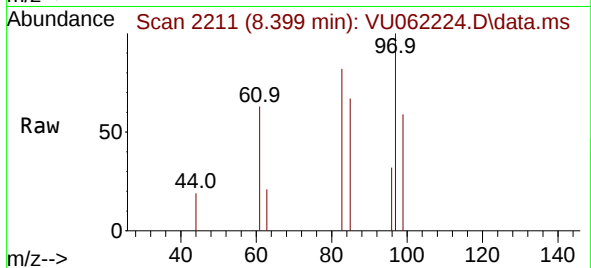
112 0.0 3.4 5.0#



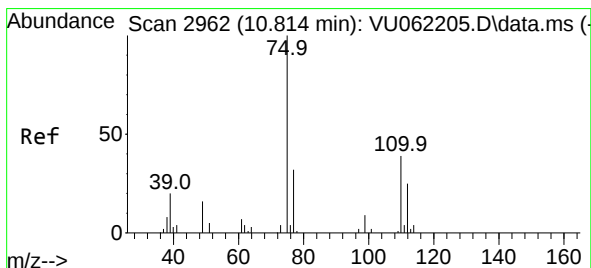
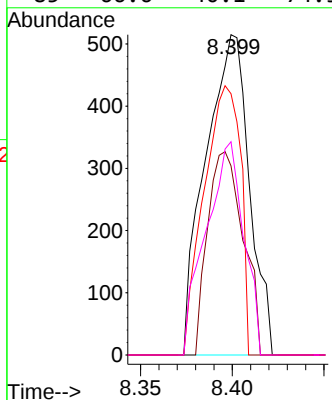
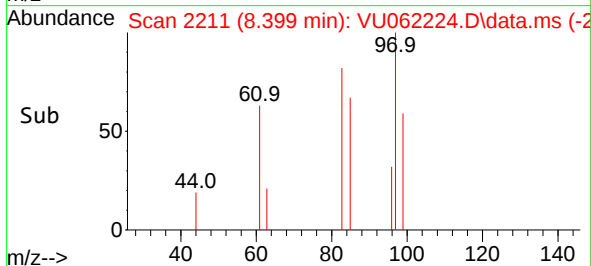


#45
 1,1,2-Trichloroethane
 Concen: 0.162 ug/L
 RT: 8.399 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VU062224.D
 Acq: 10 Dec 2024 21:57

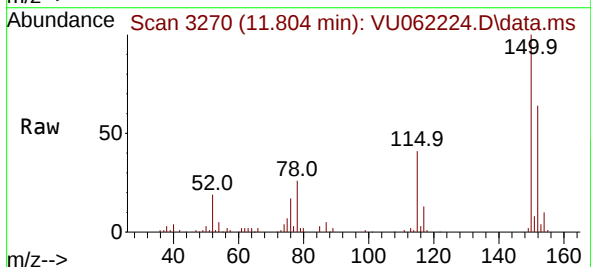
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	97	Resp:	855
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.0	79.8
83	81.6	61.7	114.5
85	66.6	40.1	74.5



#61
 1,2,3-Trichloropropane
 Concen: 1.070 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.991 min
 Lab File: VU062224.D
 Acq: 10 Dec 2024 21:57



Tgt Ion:	75	Resp:	4245
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.9	43.3#
77	36.5	26.5	39.7

