

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055907.D
 Acq On : 26 Oct 2023 16:01
 Operator : MD/SY
 Sample : 04961-07ME
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:52:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

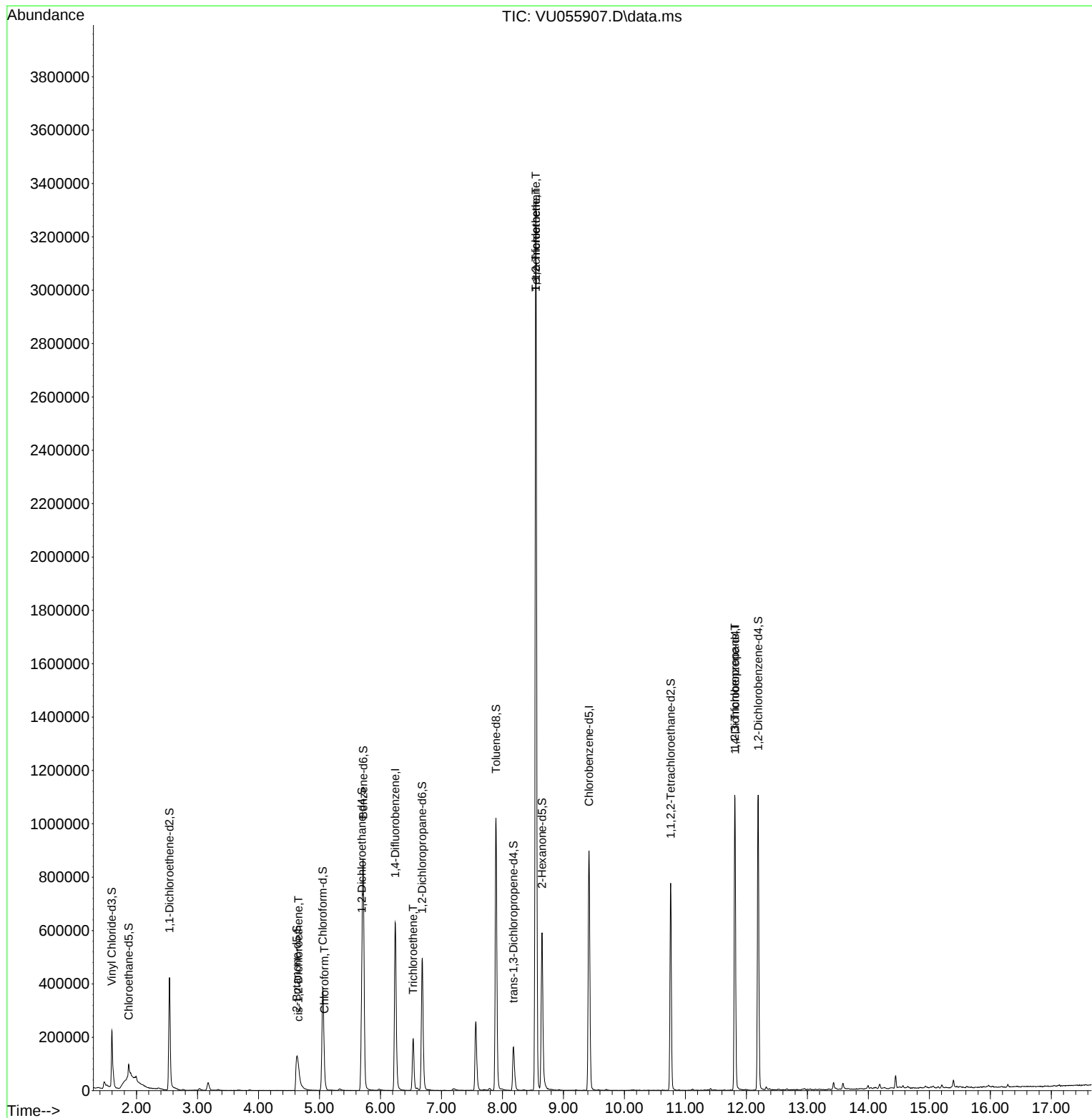
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	561344	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	579096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	294368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	210714	41.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.700%		
7) Chloroethane-d5	1.872	69	64097	15.574	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.140%#		
11) 1,1-Dichloroethene-d2	2.541	63	276562	30.805	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.620%		
21) 2-Butanone-d5	4.628	46	251870	67.510	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.510%		
24) Chloroform-d	5.055	84	375594	38.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.820%		
26) 1,2-Dichloroethane-d4	5.695	65	251050	42.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
32) Benzene-d6	5.718	84	814991	43.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
36) 1,2-Dichloropropane-d6	6.685	67	257270	43.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.720%		
41) Toluene-d8	7.894	98	738502	44.141	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.280%		
43) trans-1,3-Dichloroprop...	8.180	79	121975	43.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.580%		
47) 2-Hexanone-d5	8.650	63	245797	106.592	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.590%		
56) 1,1,2,2-Tetrachloroeth...	10.759	84	389252	43.112	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.220%		
66) 1,2-Dichlorobenzene-d4	12.193	152	293674	50.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.540%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.656	96	14868	3.201	ug/L	93
25) Chloroform	5.081	83	14028	1.609	ug/L	82
34) Trichloroethene	6.537	95	69106	13.797	ug/L	97
45) 1,1,2-Trichloroethane	8.547	97	6830	1.374	ug/L #	1
46) Tetrachloroethene	8.550	164	758479	211.504	ug/L	98
60) 1,2,3-Trichloropropane	11.811	75	33546	5.251	ug/L #	69

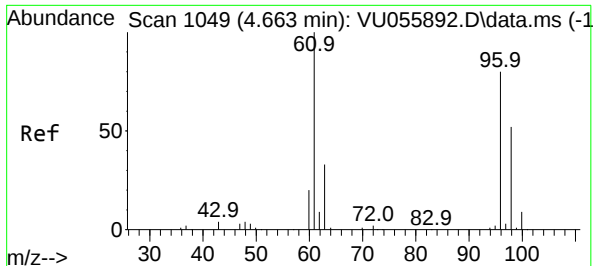
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 27 02:48:43 2023
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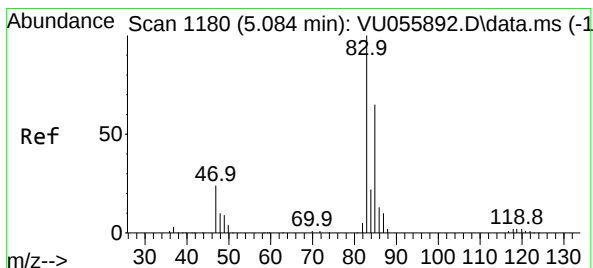
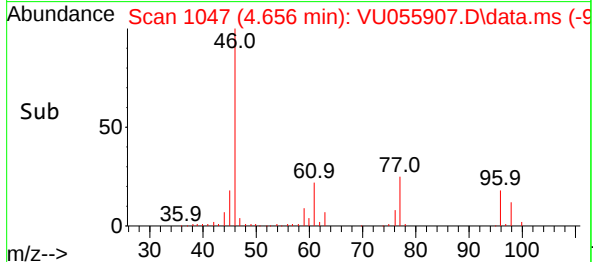
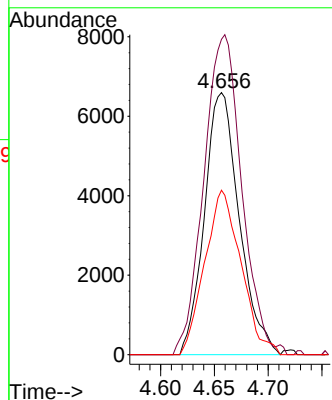
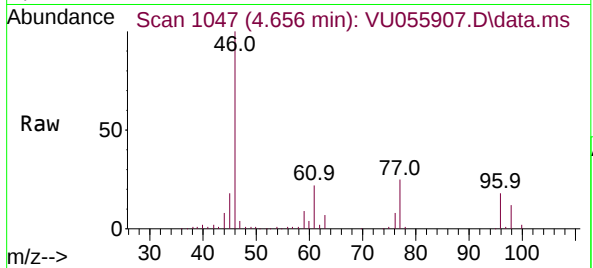




#20
cis-1,2-Dichloroethene
Concen: 3.201 ug/L
RT: 4.656 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VU055907.D
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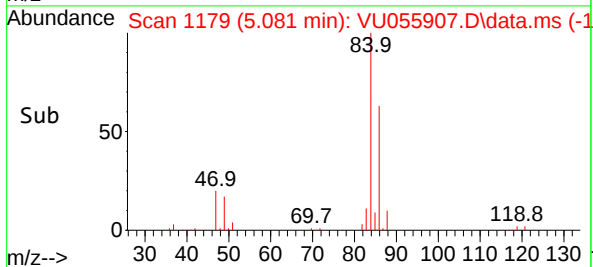
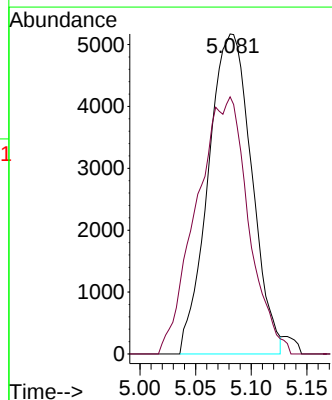
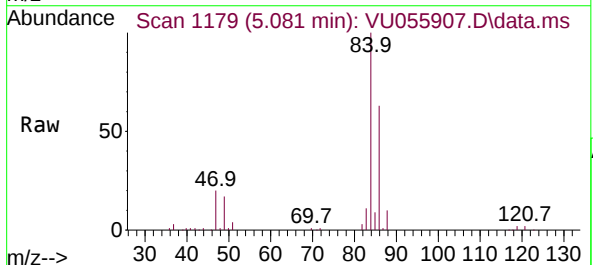
Instrument :
MSVOA_U
ClientSampleId :

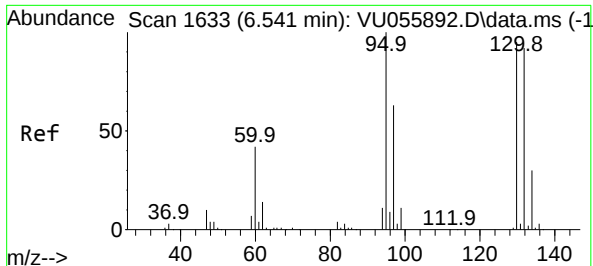
Tgt Ion: 96 Resp: 14868
Ion Ratio Lower Upper
96 100
61 120.3 92.3 171.5
98 62.8 43.9 81.5



#25
Chloroform
Concen: 1.609 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU055907.D
Acq: 26 Oct 2023 16:01

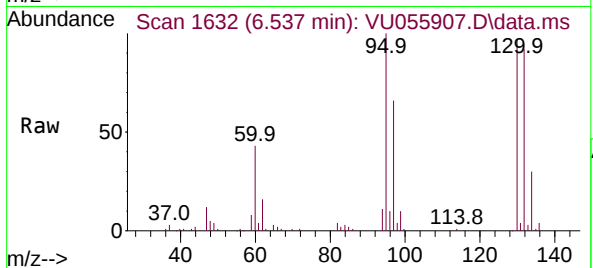
Tgt Ion: 83 Resp: 14028
Ion Ratio Lower Upper
83 100
85 80.4 46.3 86.1



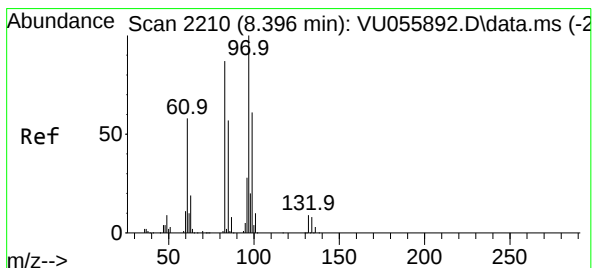
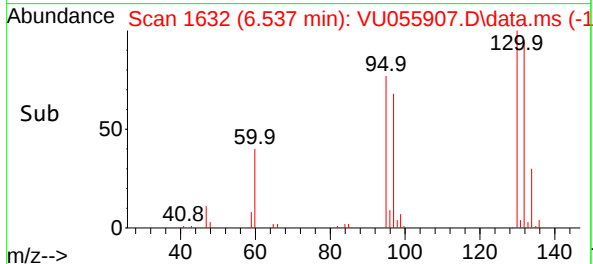
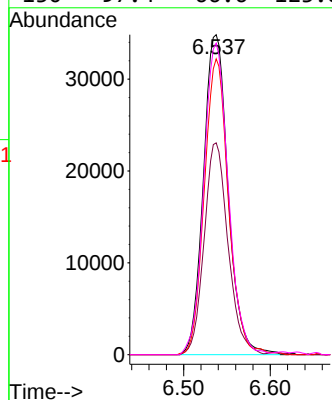


#34
Trichloroethene
Concen: 13.797 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055907.D
Acq: 26 Oct 2023 16:01

Instrument :
MSVOA_U
ClientSampleId :

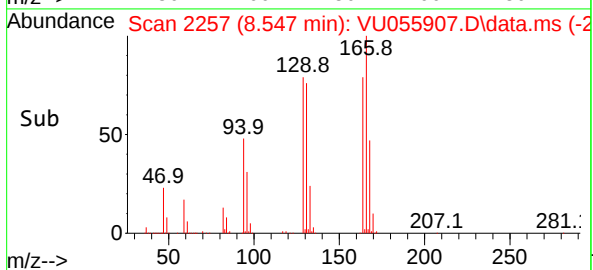
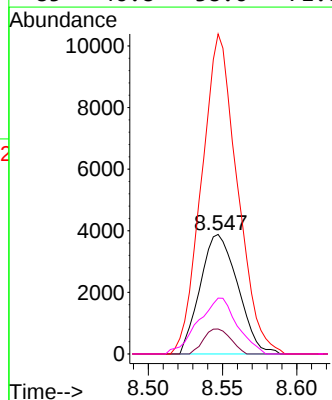
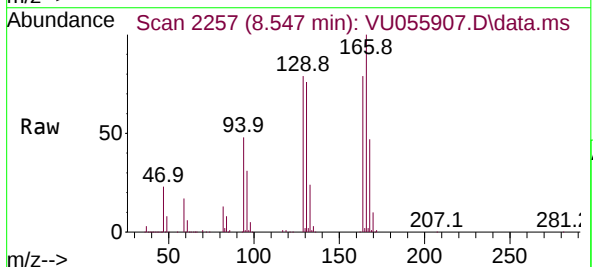


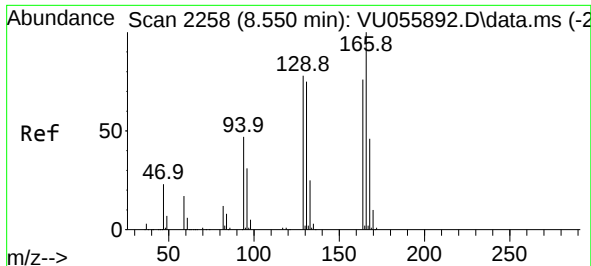
Tgt Ion: 95 Resp: 69106
Ion Ratio Lower Upper
95 100
97 66.2 44.4 82.5
132 92.4 61.8 114.8
130 97.4 66.6 123.8



#45
1,1,2-Trichloroethane
Concen: 1.374 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.151 min
Lab File: VU055907.D
Acq: 26 Oct 2023 16:01

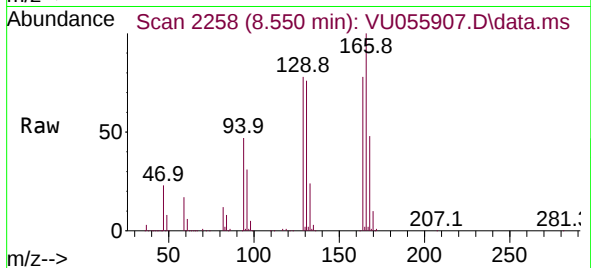
Tgt Ion: 97 Resp: 6830
Ion Ratio Lower Upper
97 100
99 21.0 44.4 82.5#
83 267.8 60.4 112.2#
85 46.8 38.6 71.8



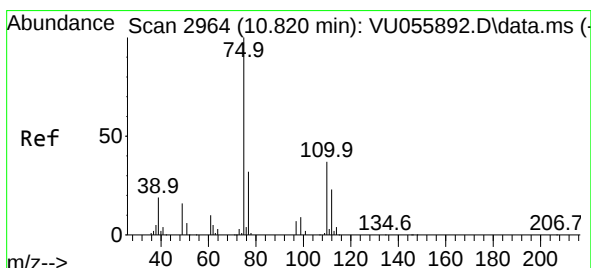
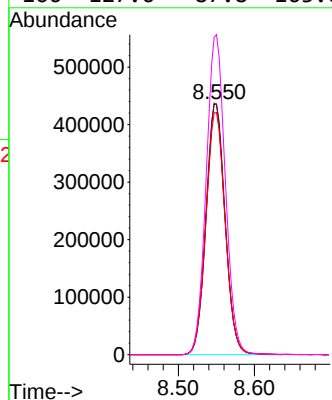
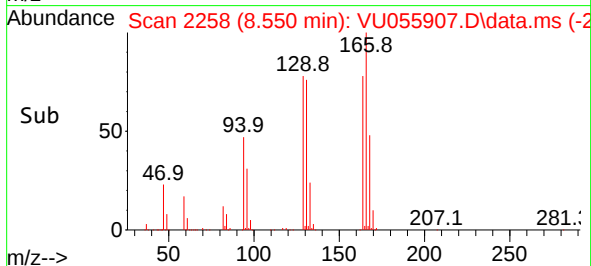


#46
Tetrachloroethene
Concen: 211.504 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055907.D
Acq: 26 Oct 2023 16:01

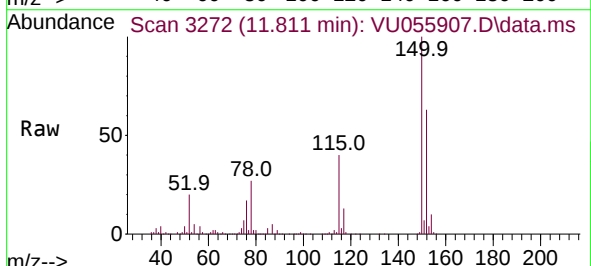
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 758479
Ion Ratio Lower Upper
164 100
129 99.7 70.7 131.3
131 96.6 65.9 122.5
166 127.6 87.8 163.0



#60
1,2,3-Trichloropropane
Concen: 5.251 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055907.D
Acq: 26 Oct 2023 16:01



Tgt Ion: 75 Resp: 33546
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8
110 2.4 28.5 42.7#

