

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050992.D
 Acq On : 29 Sep 2022 20:27
 Operator : JC/MD
 Sample : N4869-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

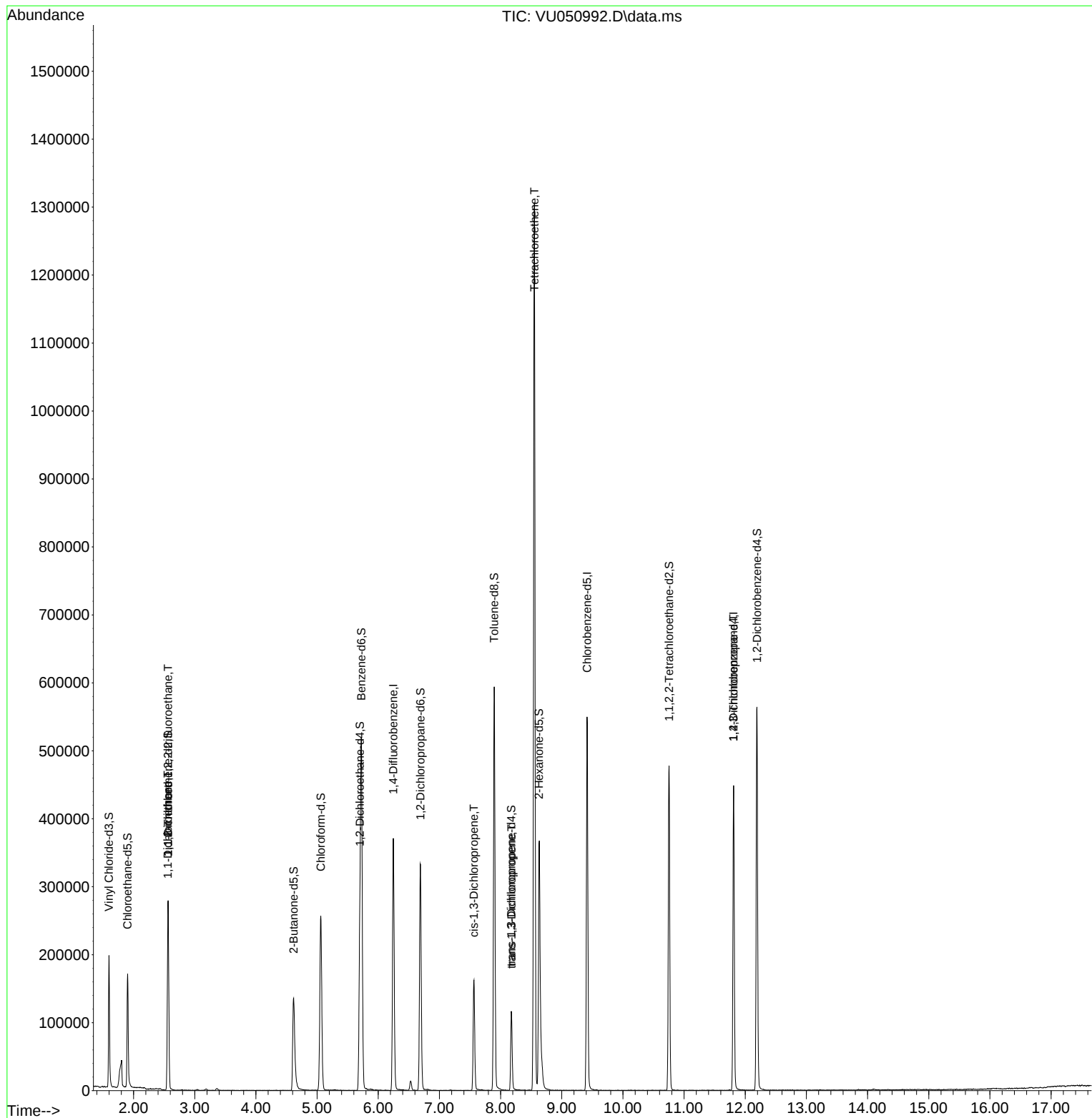
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	296527	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	302539	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142625	47.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.920%		
7) Chloroethane-d5	1.903	69	126768	45.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.820%		
11) 1,1-Dichloroethene-d2	2.565	63	162851	36.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.380%		
21) 2-Butanone-d5	4.617	46	190000	97.481	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.480%		
24) Chloroform-d	5.060	84	241287	49.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.680%		
26) 1,2-Dichloroethane-d4	5.700	65	153127	51.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.200%		
32) Benzene-d6	5.726	84	479433	54.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.240%		
36) 1,2-Dichloropropane-d6	6.690	67	158371	55.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.180%		
41) Toluene-d8	7.896	98	392263	47.922	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.840%		
43) trans-1,3-Dichloroprop...	8.176	79	64542	47.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.140%		
47) 2-Hexanone-d5	8.629	63	110205	94.938	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.940%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239430	47.654	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	148444	58.663	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.320%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1875	0.828	ug/L #	23
12) 1,1-Dichloroethene	2.559	96	1354	0.640	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	4481	1.274	ug/L	87
44) trans-1,3-Dichloropropene	8.179	75	2914	0.819	ug/L	86
46) Tetrachloroethene	8.552	164	279744	154.518	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	14394	4.618	ug/L #	67

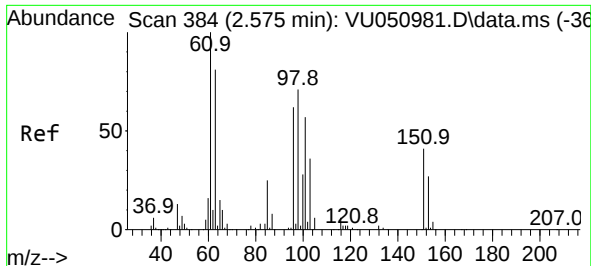
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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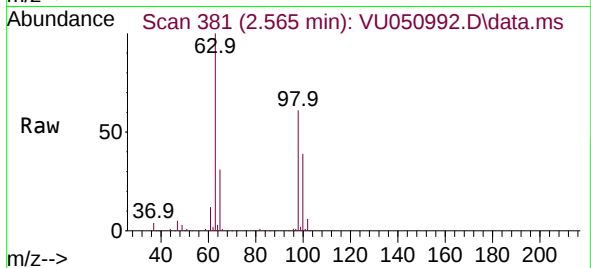
Quant Time: Sep 30 01:51:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
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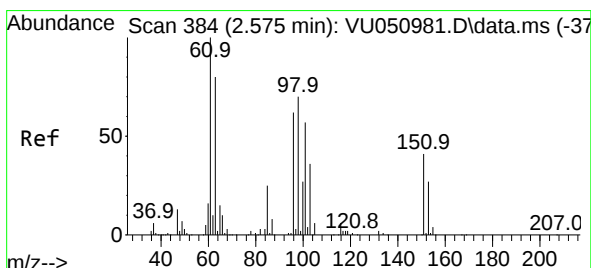
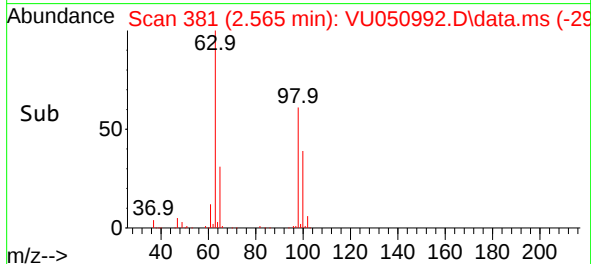
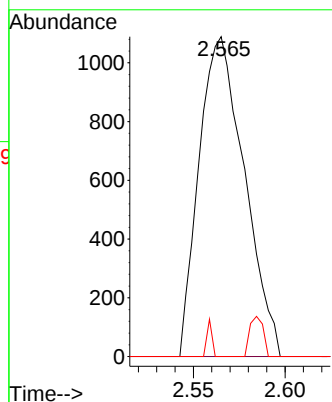


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.828 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU050992.D
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Instrument :
MSVOA_U
ClientSampleId :

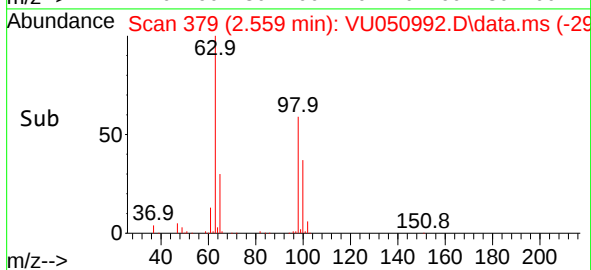
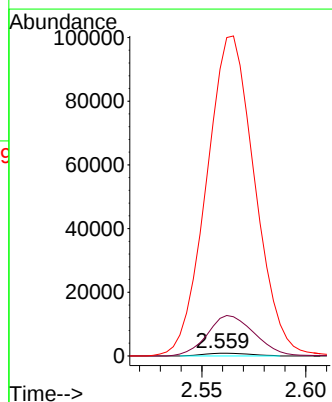
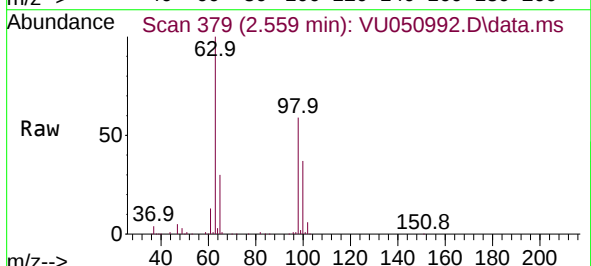


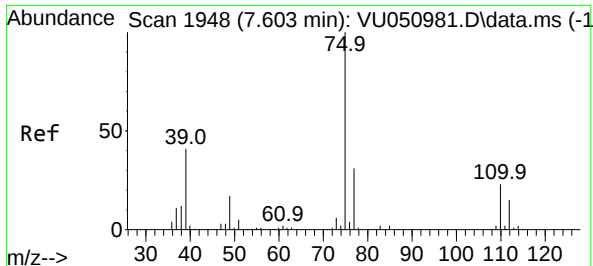
Tgt Ion:101 Resp: 1875
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 3.7 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.640 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050992.D
Acq: 29 Sep 2022 20:27

Tgt Ion: 96 Resp: 1354
Ion Ratio Lower Upper
96 100
61 1375.6 113.0 209.9#
63 10485.7 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.274 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU050992.D

Acq: 29 Sep 2022 20:27

Instrument :

MSVOA_U

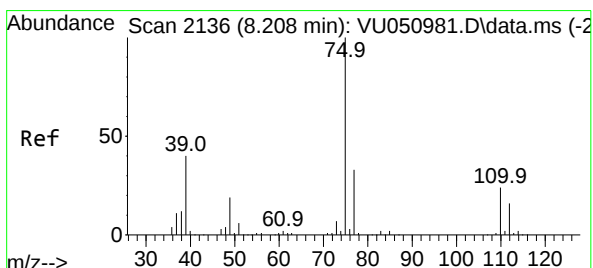
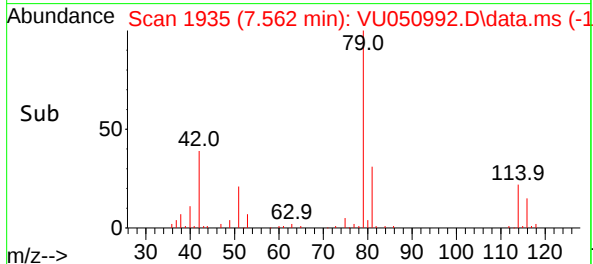
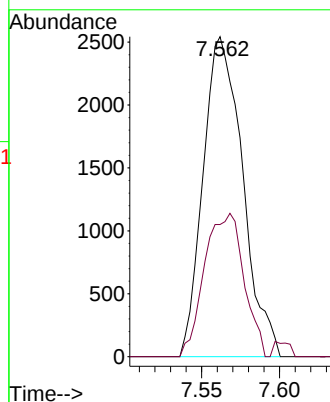
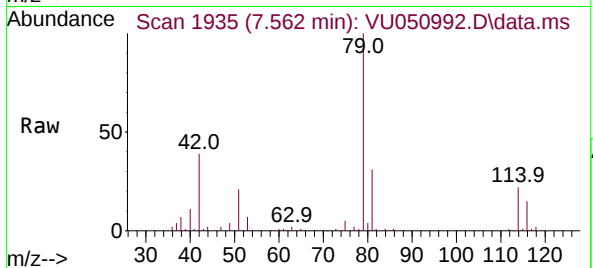
ClientSampleId :

Tgt Ion: 75 Resp: 4481

Ion Ratio Lower Upper

75 100

77 38.7 22.0 41.0



#44

trans-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050992.D

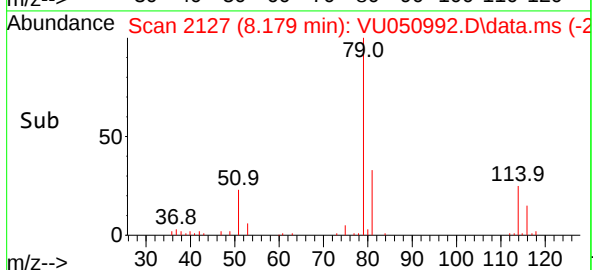
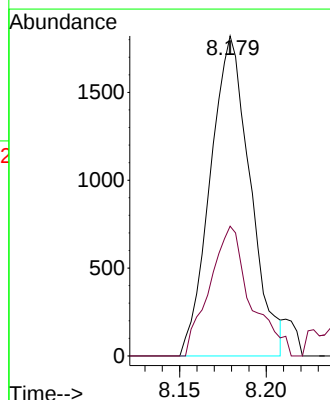
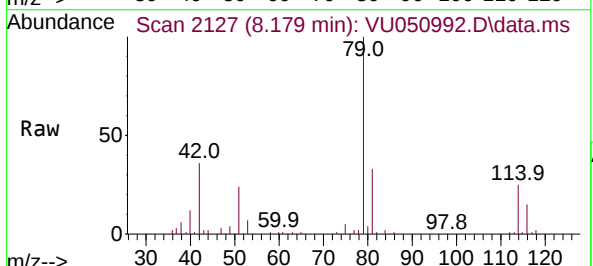
Acq: 29 Sep 2022 20:27

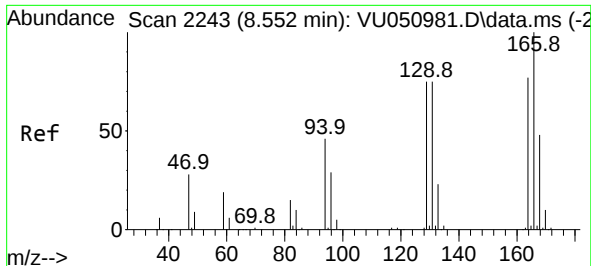
Tgt Ion: 75 Resp: 2914

Ion Ratio Lower Upper

75 100

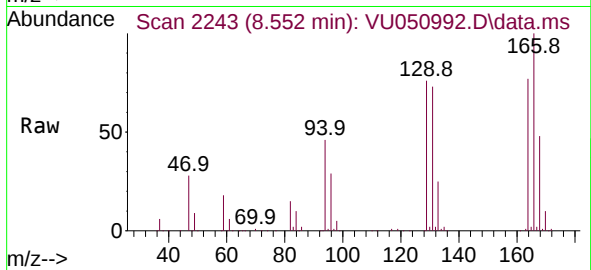
77 40.5 22.7 42.3



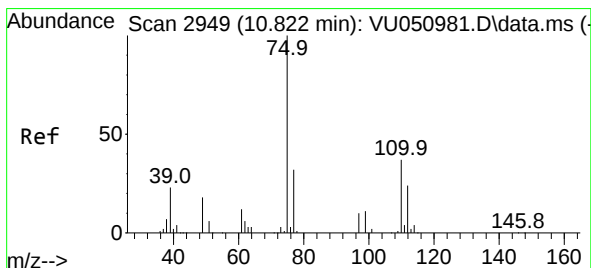
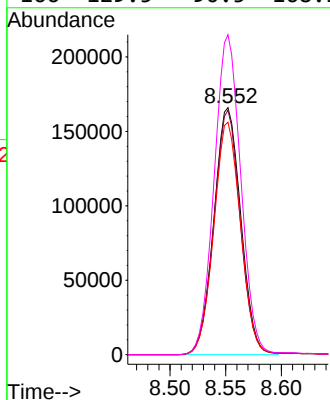
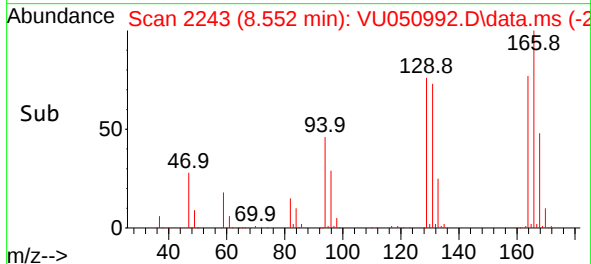


#46
Tetrachloroethene
Concen: 154.518 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050992.D
Acq: 29 Sep 2022 20:27

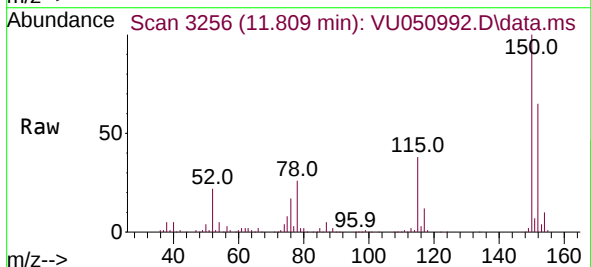
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 279744
Ion Ratio Lower Upper
164 100
129 99.0 68.1 126.5
131 94.1 67.8 126.0
166 129.5 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.618 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050992.D
Acq: 29 Sep 2022 20:27



Tgt Ion: 75 Resp: 14394
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1
110 2.6 30.0 45.0#

