

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035161.D
 Acq On : 19 Apr 2023 12:01
 Operator : JC/MD
 Sample : 02397-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8DL

Quant Time: Apr 20 02:54:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

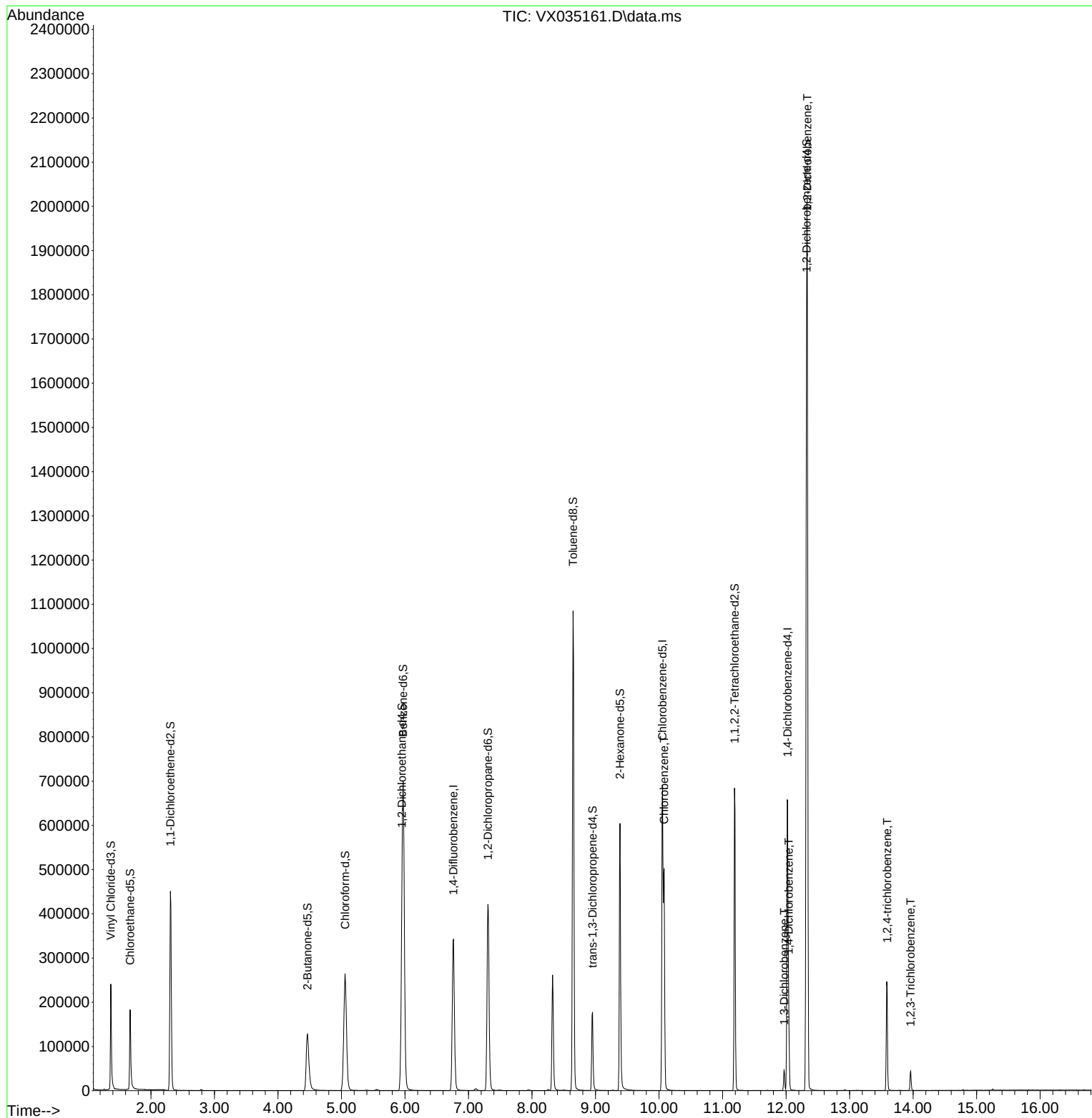
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	356704	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	307316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	162302	70.565	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 141.140%#		
7) Chloroethane-d5	1.672	69	127013	76.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 152.840%#		
11) 1,1-Dichloroethene-d2	2.306	65	82289	74.773	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 149.540%#		
21) 2-Butanone-d5	4.465	46	245440	160.132	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 160.130%#		
24) Chloroform-d	5.056	84	329125	75.985	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 151.980%#		
26) 1,2-Dichloroethane-d4	5.952	65	220114	79.135	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 158.260%#		
32) Benzene-d6	5.970	84	714074	80.888	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 161.780%#		
36) 1,2-Dichloropropane-d6	7.306	67	221763	82.237	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 164.480%#		
41) Toluene-d8	8.647	98	640651	79.405	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 158.800%#		
43) trans-1,3-Dichloroprop...	8.952	79	85914	72.902	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 145.800%#		
47) 2-Hexanone-d5	9.384	63	173341	160.071	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 160.070%#		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	263574	79.810	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 159.620%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	222255	80.333	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 160.660%#		
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	215573	33.888	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	15108	3.412	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	57048	12.592	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	545027	121.406	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	60082	23.442	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	10766	4.255	ug/L	99

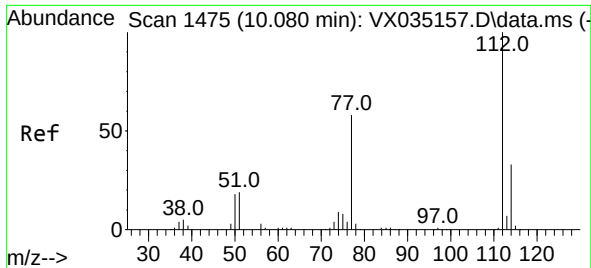
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 02:36:32 2023
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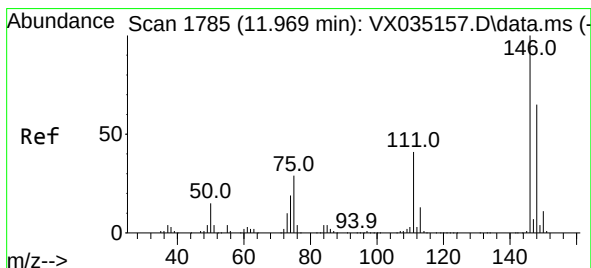
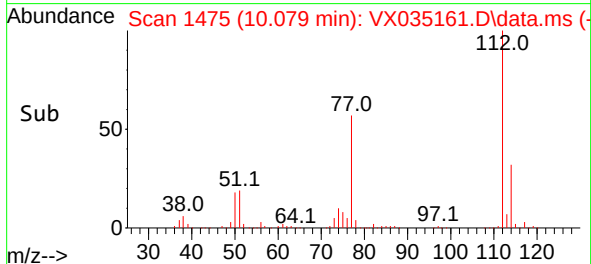
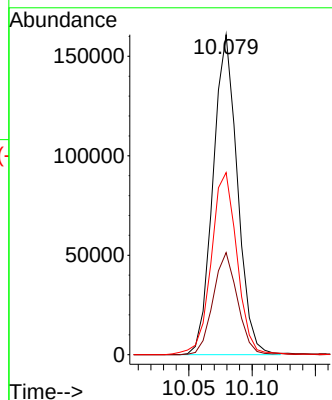
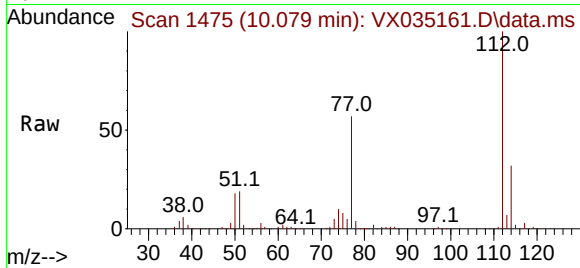




#51
Chlorobenzene
Concen: 33.888 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035161.D
Acq: 19 Apr 2023 12:01

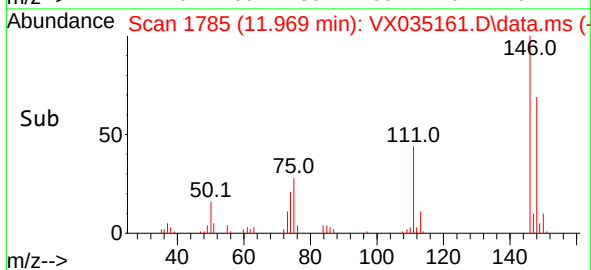
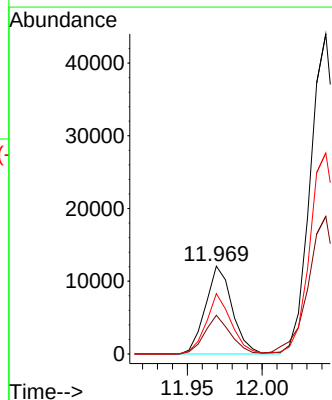
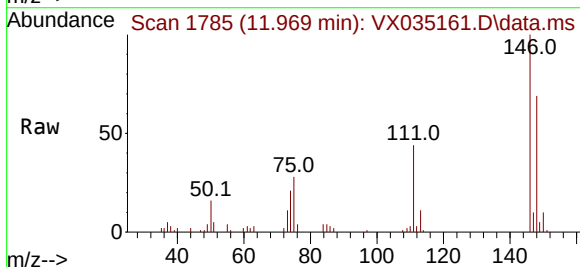
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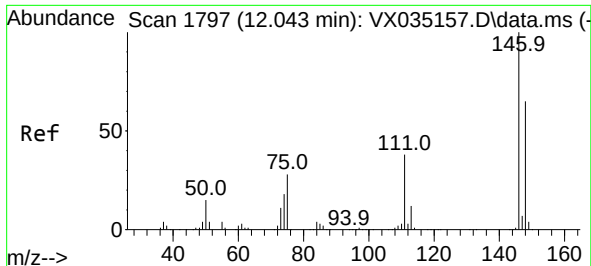
Tgt Ion:112 Resp: 215573
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.9 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 3.412 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035161.D
Acq: 19 Apr 2023 12:01

Tgt Ion:146 Resp: 15108
Ion Ratio Lower Upper
146 100
111 44.2 28.9 53.7
148 68.7 44.3 82.3

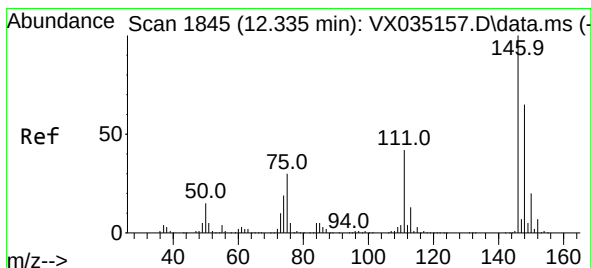
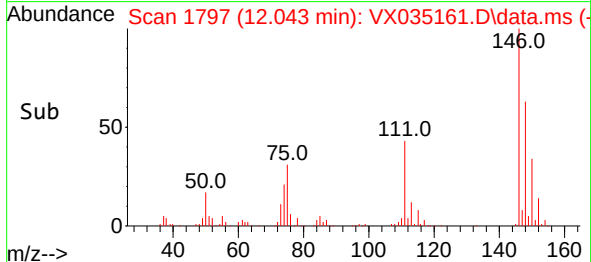
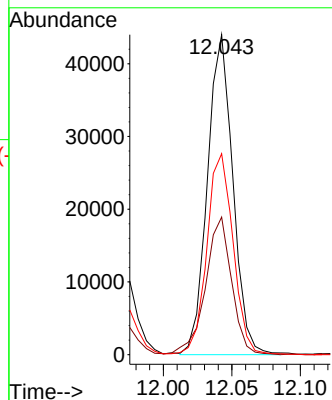
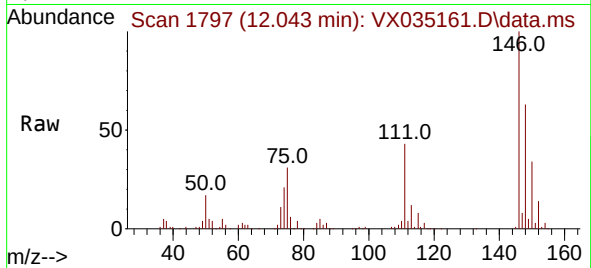




#65
 1,4-Dichlorobenzene
 Concen: 12.592 ug/L
 RT: 12.043 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX035161.D
 Acq: 19 Apr 2023 12:01

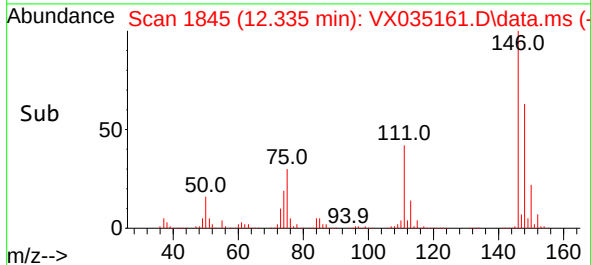
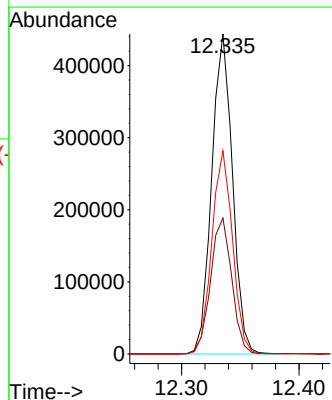
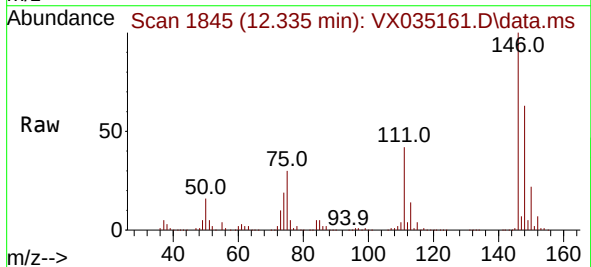
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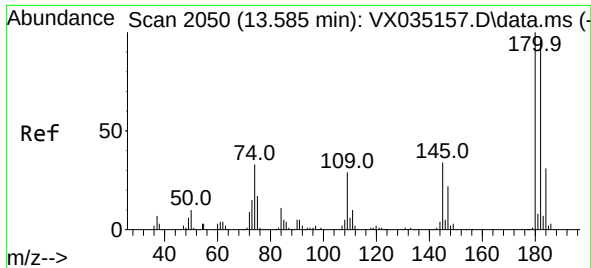
Tgt Ion:146 Resp: 57048
 Ion Ratio Lower Upper
 146 100
 111 43.0 27.9 51.7
 148 62.8 45.9 85.3



#67
 1,2-Dichlorobenzene
 Concen: 121.406 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX035161.D
 Acq: 19 Apr 2023 12:01

Tgt Ion:146 Resp: 545027
 Ion Ratio Lower Upper
 146 100
 111 42.4 34.7 52.1
 148 63.4 52.1 78.1

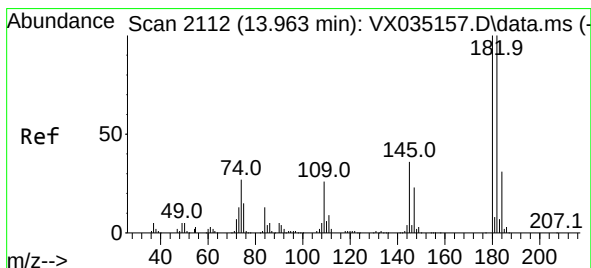
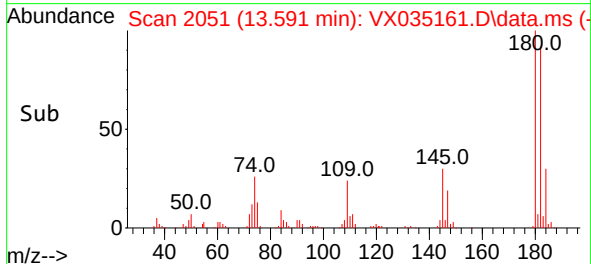
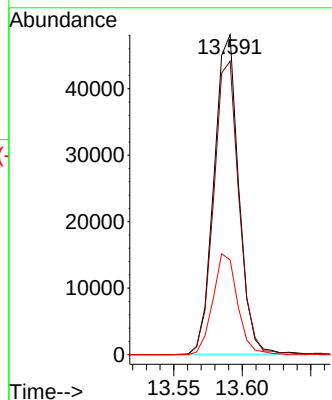
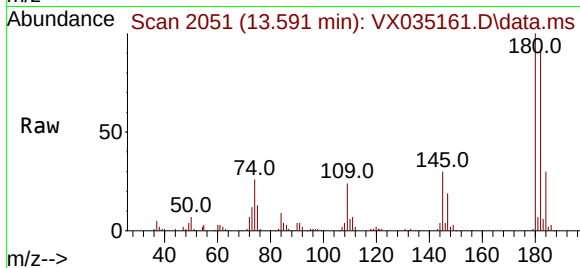




#70
 1,2,4-trichlorobenzene
 Concen: 23.442 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035161.D
 Acq: 19 Apr 2023 12:01

Instrument :
 MSVOA_X
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Tgt Ion:180 Resp: 60082
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.6 114.8
 145 31.6 26.2 39.4



#72
 1,2,3-Trichlorobenzene
 Concen: 4.255 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035161.D
 Acq: 19 Apr 2023 12:01

Tgt Ion:180 Resp: 10766
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.0 112.6
 145 31.4 27.1 40.7

