

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030676.D
 Acq On : 19 Apr 2023 19:41
 Operator : SY/MD
 Sample : 02334-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ1

Quant Time: Apr 20 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

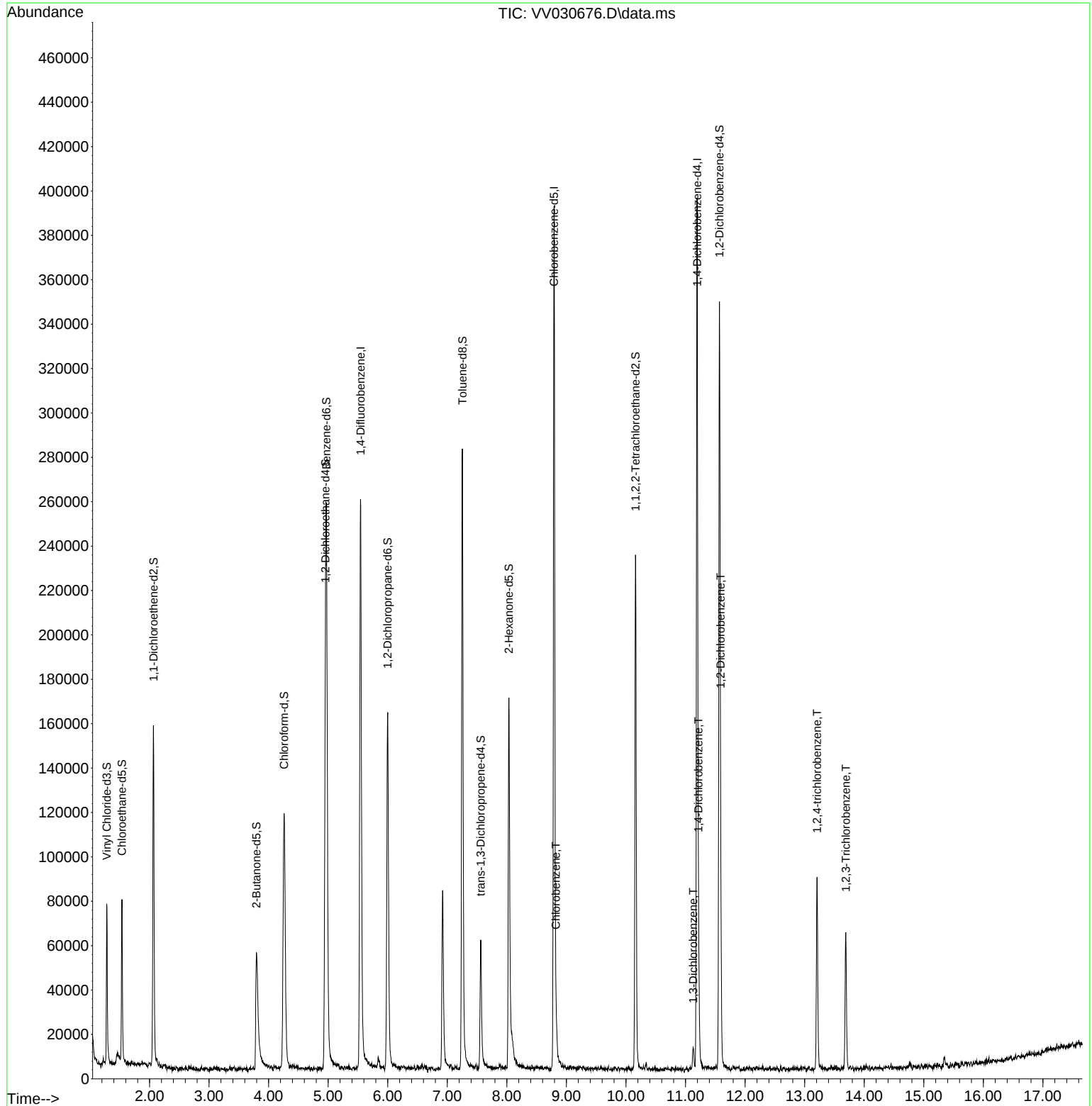
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	216210	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	205545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49523	31.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.500%
7) Chloroethane-d5	1.535	69	46768	35.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.420%
11) 1,1-Dichloroethene-d2	2.066	65	25999	34.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.180%
21) 2-Butanone-d5	3.796	46	89901	103.267	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.270%
24) Chloroform-d	4.259	84	122495	42.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.300%
26) 1,2-Dichloroethane-d4	4.953	65	86704	46.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
32) Benzene-d6	4.969	84	209164	43.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	5.998	67	70087	46.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.860%
41) Toluene-d8	7.252	98	179761	39.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.800%#
43) trans-1,3-Dichloroprop...	7.561	79	32022	42.088	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.180%
47) 2-Hexanone-d5	8.034	63	56046	94.248	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.250%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104094	47.522	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	11.570	152	81757	51.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.060%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.821	112	8455	1.910	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	3876	1.232	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	19633	5.916	ug/L	95
67) 1,2-Dichlorobenzene	11.586	146	27340	8.611	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	26259	13.009	ug/L	100
72) 1,2,3-Trichlorobenzene	13.692	180	17978	8.982	ug/L	97

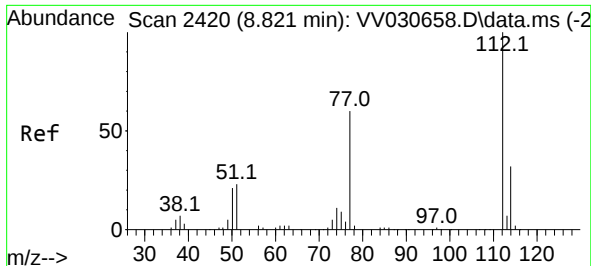
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 1.910 ug/L

RT: 8.821 min Scan# 24

Delta R.T. -0.000 min

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Acq: 19 Apr 2023 19:41

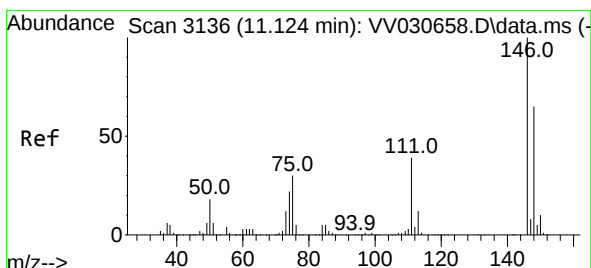
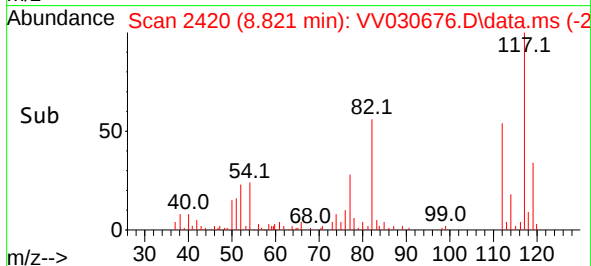
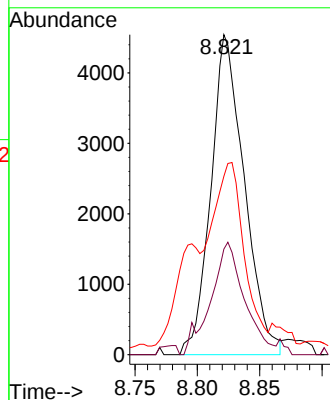
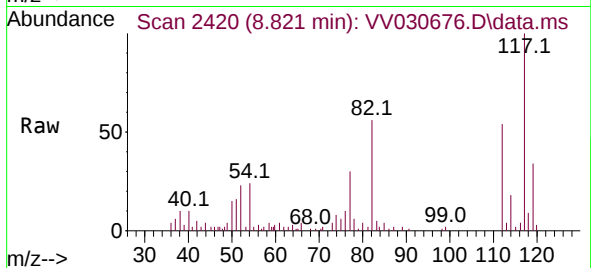
Instrument :

MSVOA_V

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COMJ1

Tgt Ion:	112	Resp:	8455
Ion Ratio	Lower	Upper	
112	100		
114	33.0	22.4	41.6
77	55.7	47.4	71.0



#64

1,3-Dichlorobenzene

Concen: 1.232 ug/L

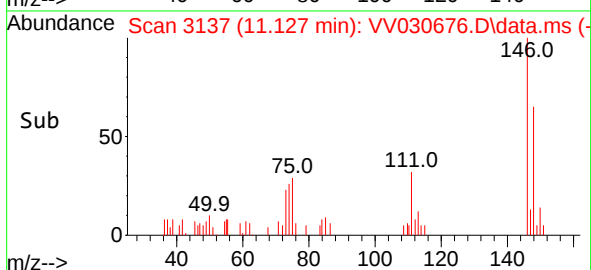
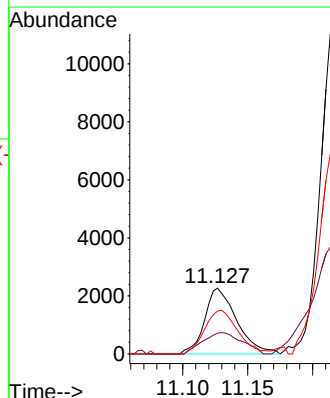
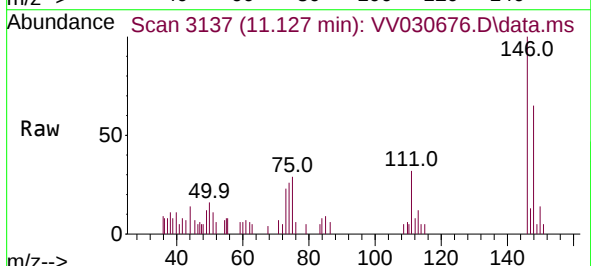
RT: 11.127 min Scan# 3137

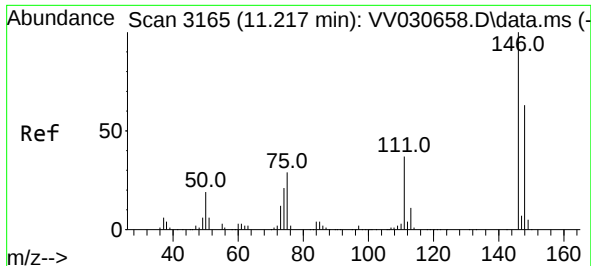
Delta R.T. 0.003 min

Lab File: VV030676.D

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Tgt Ion:	146	Resp:	3876
Ion Ratio	Lower	Upper	
146	100		
111	31.6	27.0	50.2
148	65.2	44.8	83.2





#65

1,4-Dichlorobenzene

Concen: 5.916 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

COMJ1

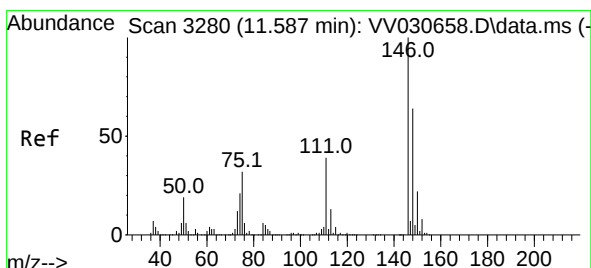
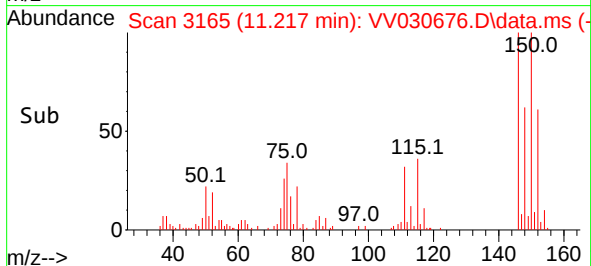
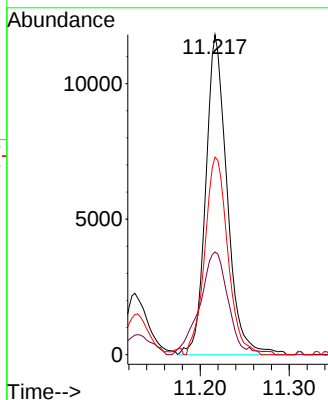
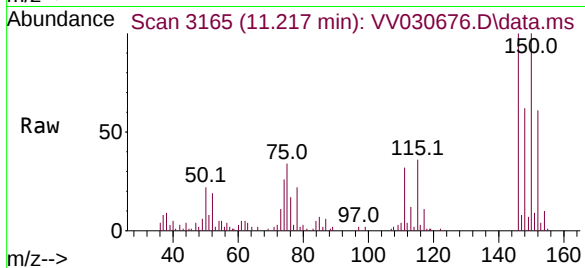
Tgt Ion:146 Resp: 19633

Ion Ratio Lower Upper

146 100

111 32.1 26.5 49.1

148 61.7 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 8.611 ug/L

RT: 11.586 min Scan# 3280

Delta R.T. -0.000 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

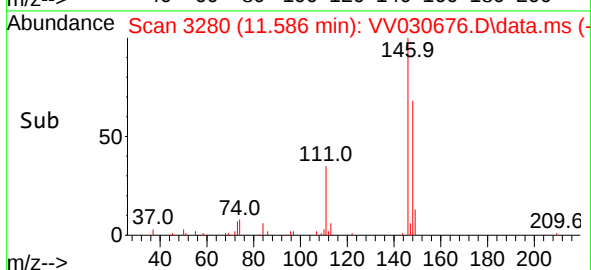
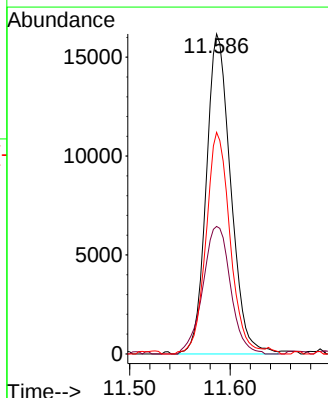
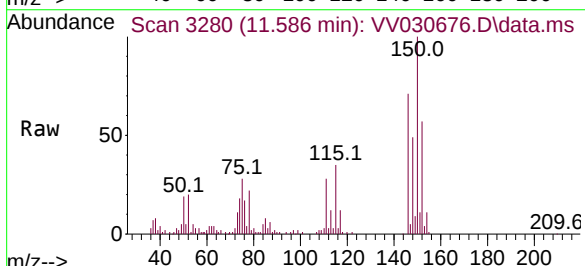
Tgt Ion:146 Resp: 27340

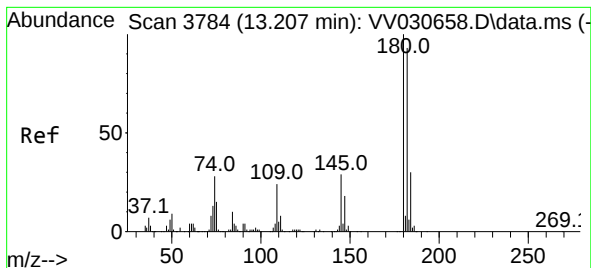
Ion Ratio Lower Upper

146 100

111 39.8 32.0 48.0

148 69.2 50.6 76.0





#70

1,2,4-trichlorobenzene

Concen: 13.009 ug/L

RT: 13.207 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

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COMJ1

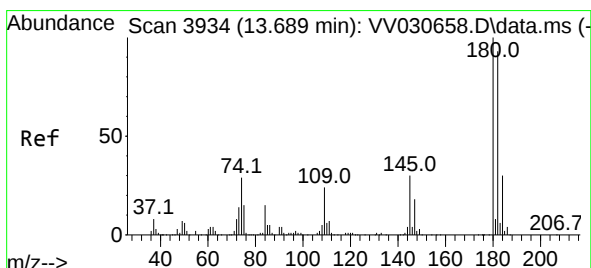
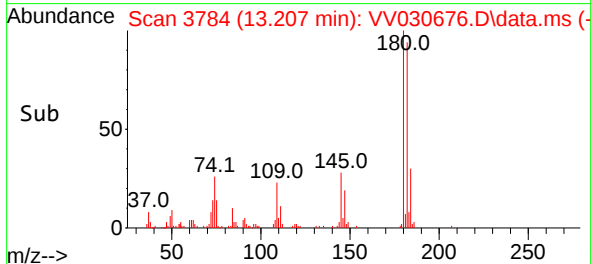
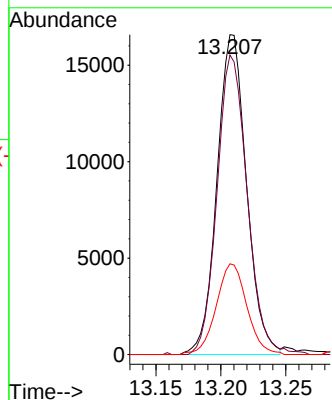
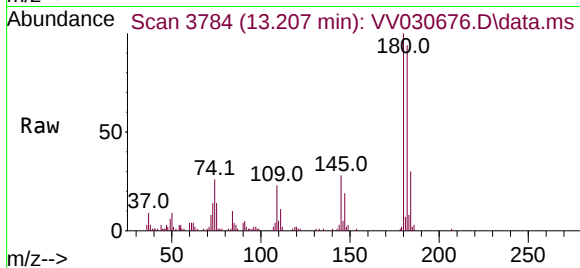
Tgt Ion:180 Resp: 26259

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 29.4 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 8.982 ug/L

RT: 13.692 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

Tgt Ion:180 Resp: 17978

Ion Ratio Lower Upper

180 100

182 98.9 76.2 114.4

145 30.4 25.1 37.7

