

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030719.D
 Acq On : 20 Apr 2023 16:11
 Operator : SY/MD
 Sample : 02334-06DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ0DL

Quant Time: Apr 21 00:19:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

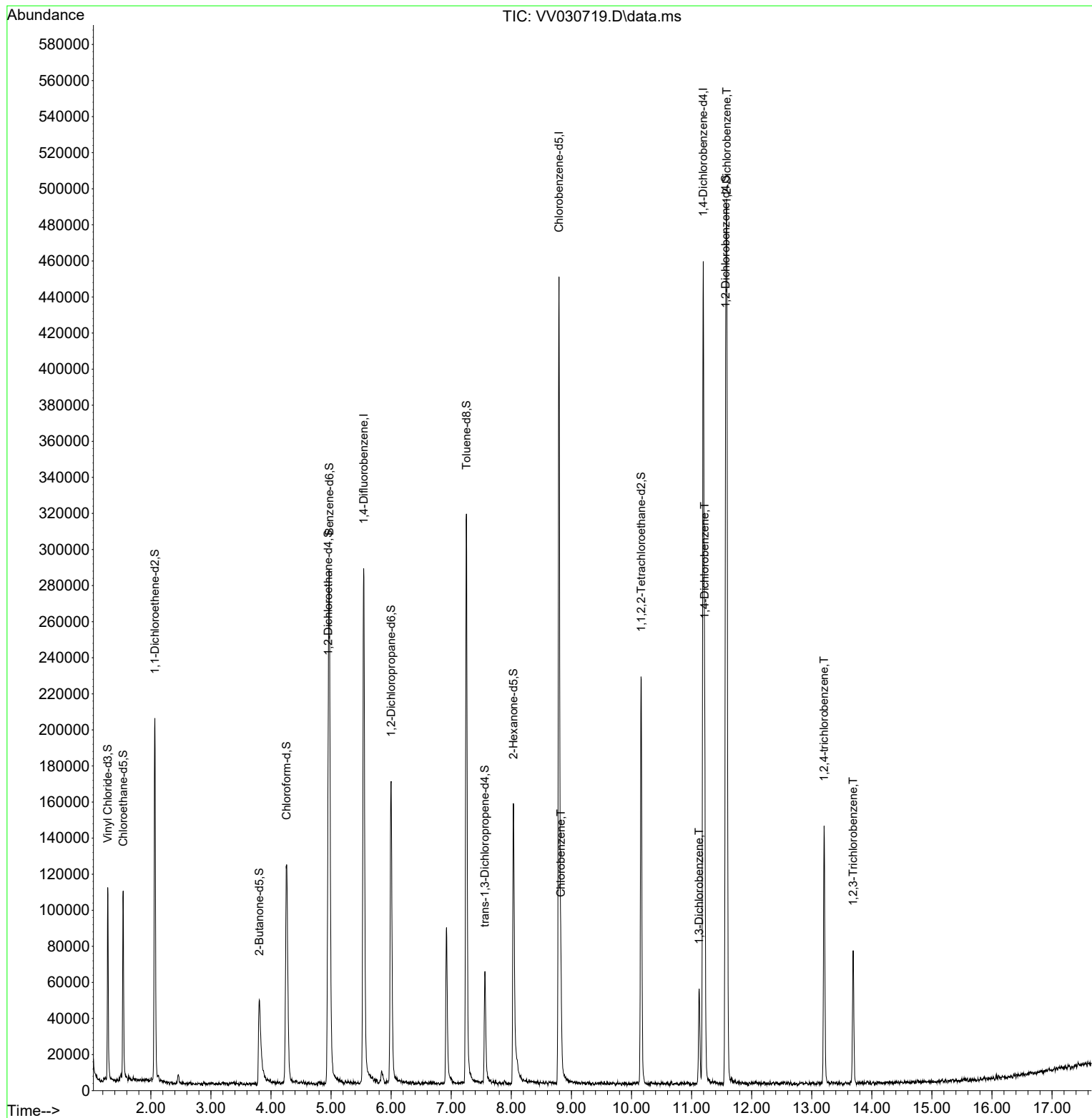
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	114786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	70696	40.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.160%
7) Chloroethane-d5	1.539	69	61772	42.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.620%
11) 1,1-Dichloroethene-d2	2.066	65	34422	41.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.340%
21) 2-Butanone-d5	3.805	46	83206	86.959	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.960%
24) Chloroform-d	4.259	84	127671	40.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.880%
26) 1,2-Dichloroethane-d4	4.953	65	87942	43.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.660%
32) Benzene-d6	4.969	84	236615	42.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
36) 1,2-Dichloropropane-d6	5.998	67	72568	42.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.680%
41) Toluene-d8	7.252	98	210657	40.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.340%
43) trans-1,3-Dichloroprop...	7.561	79	35559	41.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.340%
47) 2-Hexanone-d5	8.034	63	55085	81.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.590%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99902	40.172	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.340%
66) 1,2-Dichlorobenzene-d4	11.567	152	89921	49.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.580%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.824	112	32274	6.420	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	21188	5.912	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	74910	19.821	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	145504	40.242	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	42724	18.586	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	21638	9.493	ug/L	97

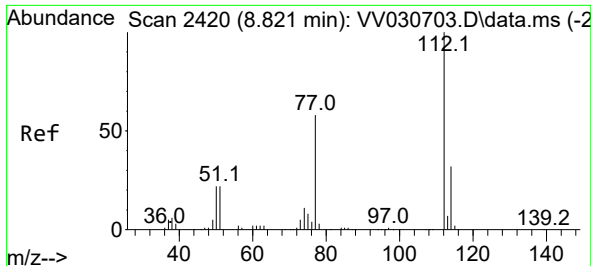
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
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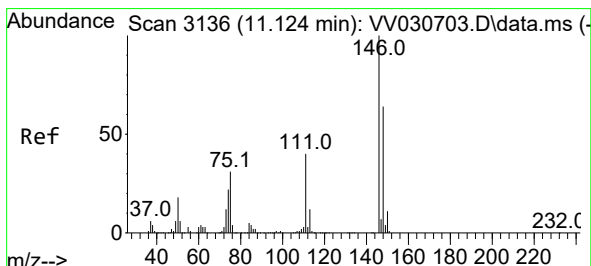
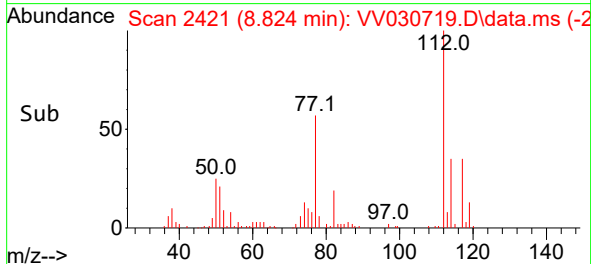
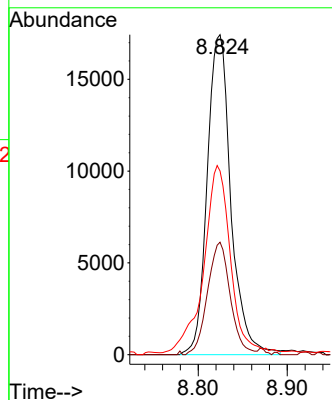
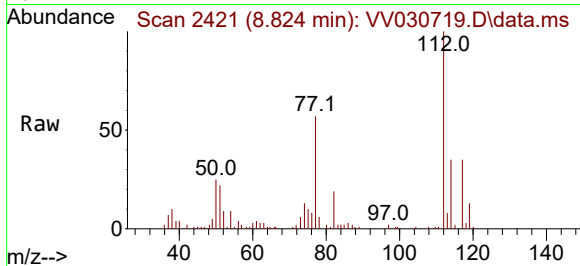




#51
Chlorobenzene
Concen: 6.420 ug/L
RT: 8.824 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

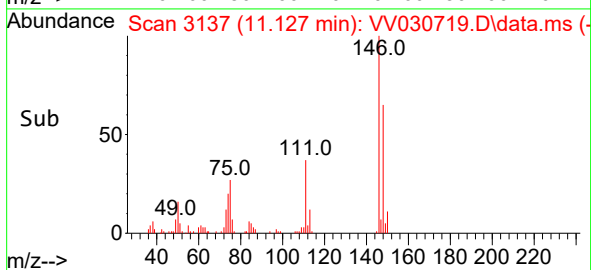
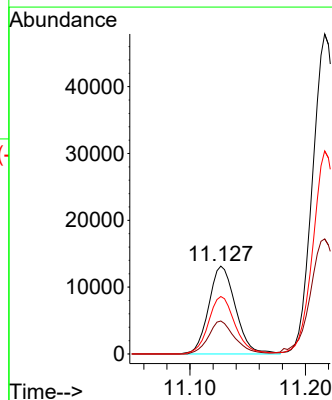
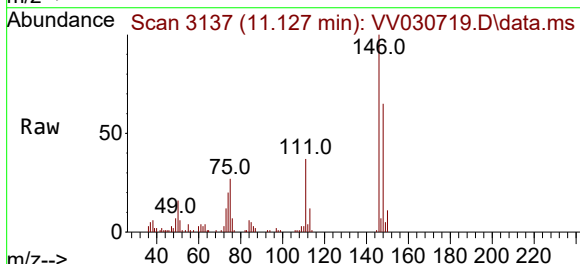
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MSVOA_V
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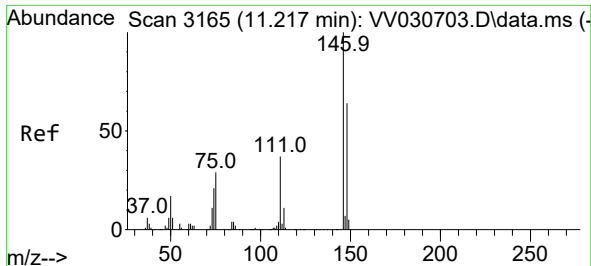
Tgt Ion:	112	Resp:	32274
Ion	Ratio	Lower	Upper
112	100		
114	35.1	22.4	41.6
77	57.4	47.4	71.0



#64
1,3-Dichlorobenzene
Concen: 5.912 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

Tgt Ion:	146	Resp:	21188
Ion	Ratio	Lower	Upper
146	100		
111	37.5	27.0	50.2
148	65.4	44.8	83.2

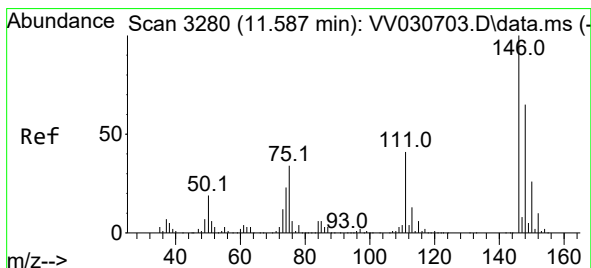
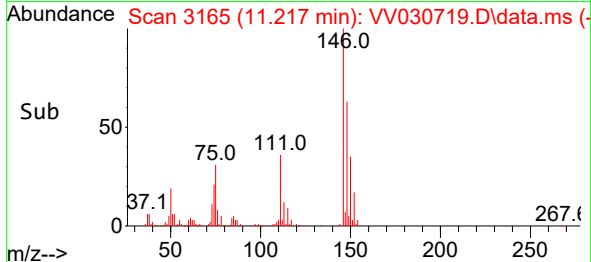
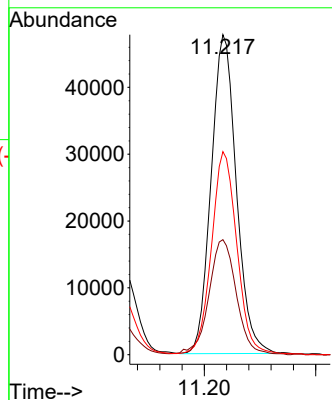
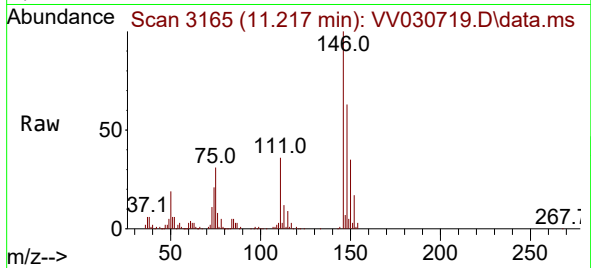




#65
1,4-Dichlorobenzene
Concen: 19.821 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

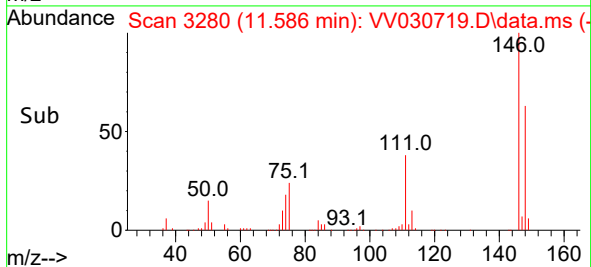
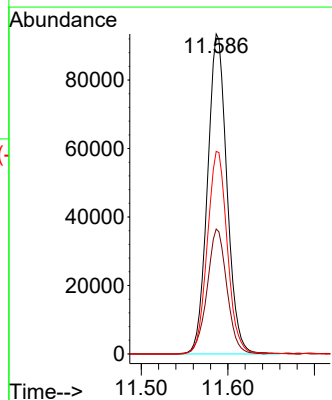
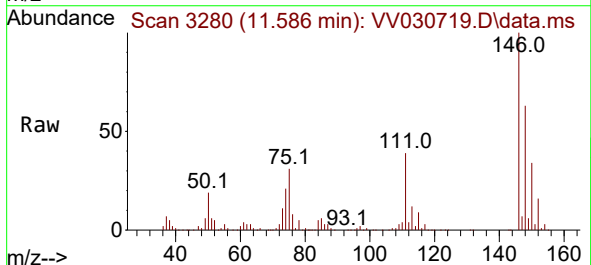
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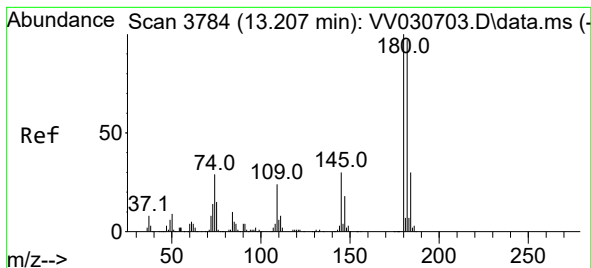
Tgt Ion:146 Resp: 74910
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.1
148 63.5 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 40.242 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030719.D
Acq: 20 Apr 2023 16:11

Tgt Ion:146 Resp: 145504
Ion Ratio Lower Upper
146 100
111 39.0 32.0 48.0
148 63.3 50.6 76.0





#70

1,2,4-trichlorobenzene

Concen: 18.586 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030719.D

Acq: 20 Apr 2023 16:11

Instrument :

MSVOA_V

ClientSampleId :

COMJ0DL

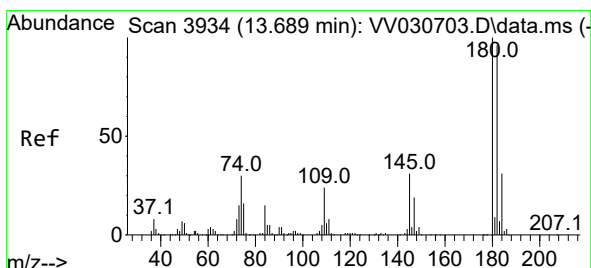
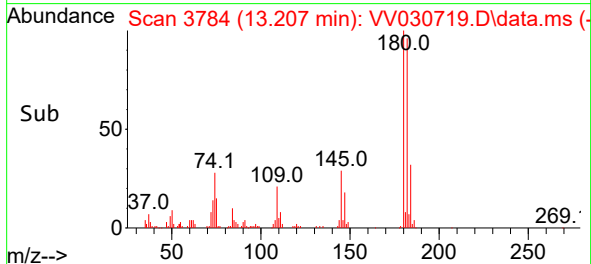
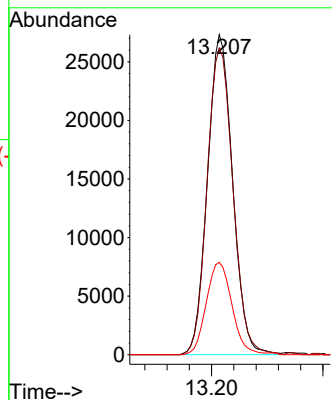
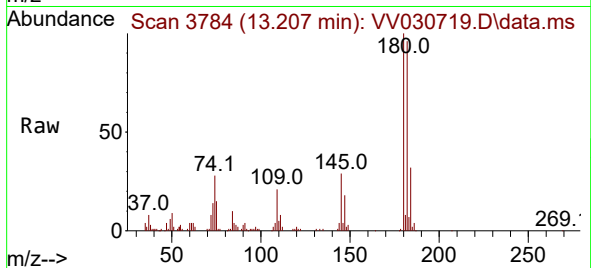
Tgt Ion:180 Resp: 42724

Ion Ratio Lower Upper

180 100

182 98.5 75.9 113.9

145 29.4 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 9.493 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030719.D

Acq: 20 Apr 2023 16:11

Tgt Ion:180 Resp: 21638

Ion Ratio Lower Upper

180 100

182 99.6 76.2 114.4

145 31.1 25.1 37.7

