

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050523\
 Data File : VU054071.D
 Acq On : 05 May 2023 16:02
 Operator : JC/MD
 Sample : 02589-18ME
 Misc : 4.62g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JRED6ME

Quant Time: May 06 01:17:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

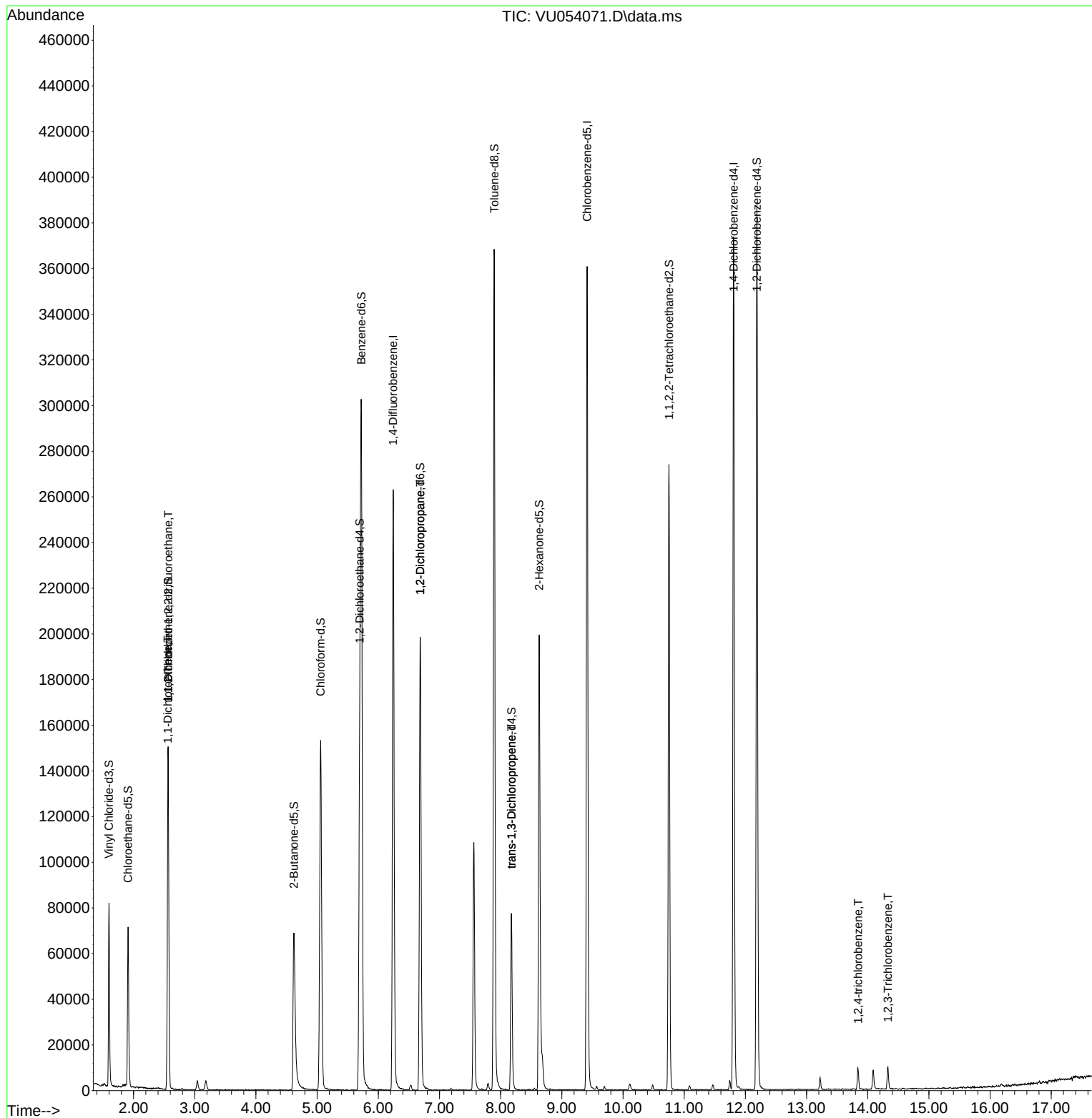
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	215742	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207093	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60738	37.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.440%		
7) Chloroethane-d5	1.909	69	53408	49.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.720%		
11) 1,1-Dichloroethene-d2	2.565	63	91043	31.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.920%		
21) 2-Butanone-d5	4.620	46	102816	110.483	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.480%		
24) Chloroform-d	5.057	84	146700	48.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
26) 1,2-Dichloroethane-d4	5.697	65	102583	53.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.620%		
32) Benzene-d6	5.723	84	280741	46.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.100%		
36) 1,2-Dichloropropane-d6	6.684	67	96335	50.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.896	98	249104	45.263	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.520%		
43) trans-1,3-Dichloroprop...	8.176	79	45774	48.065	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.120%		
47) 2-Hexanone-d5	8.629	63	66533	96.528	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.530%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133052	52.490	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.980%		
66) 1,2-Dichlorobenzene-d4	12.189	152	103656	50.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	975	0.675	ug/L #	19
12) 1,1-Dichloroethene	2.559	96	800	0.639	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10788	6.326	ug/L #	87
44) trans-1,3-Dichloropropene	8.176	75	2297	0.906	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	3795	1.794	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.330	180	3807	1.809	ug/L	92

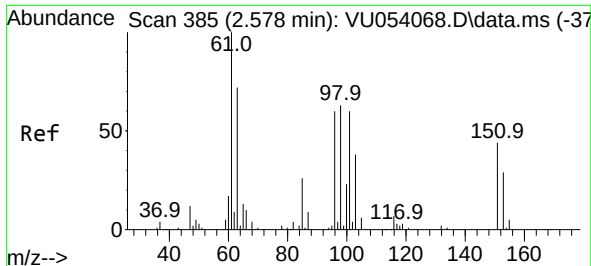
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JRED6ME

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 06 01:14:00 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.675 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU054071.D

Acq: 05 May 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

JRED6ME

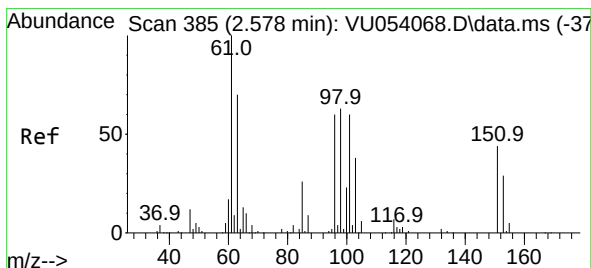
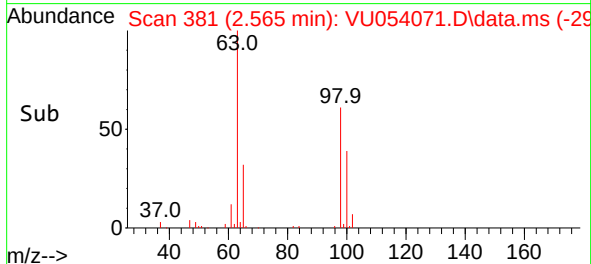
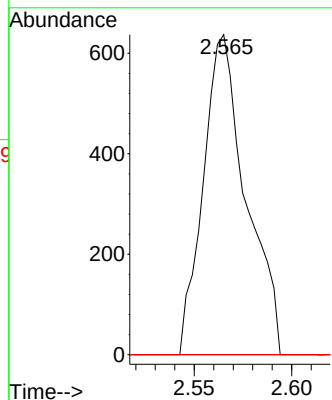
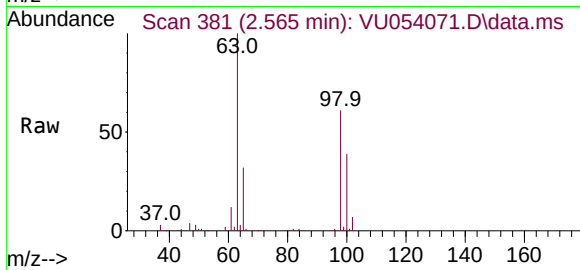
Tgt Ion:101 Resp: 975

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 60.3 90.5#



#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU054071.D

Acq: 05 May 2023 16:02

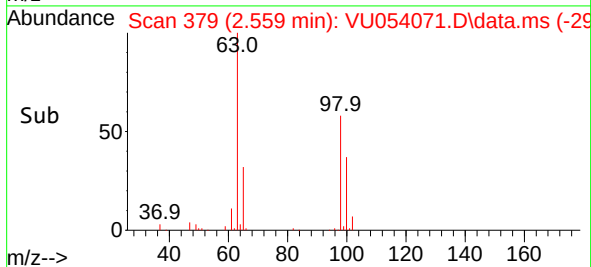
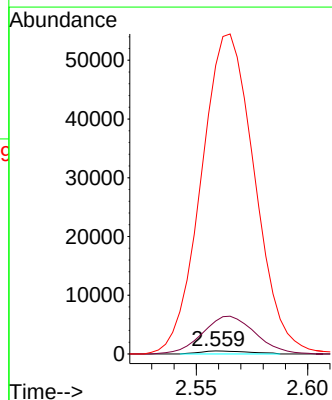
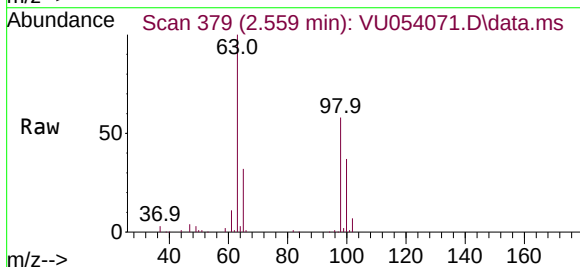
Tgt Ion: 96 Resp: 800

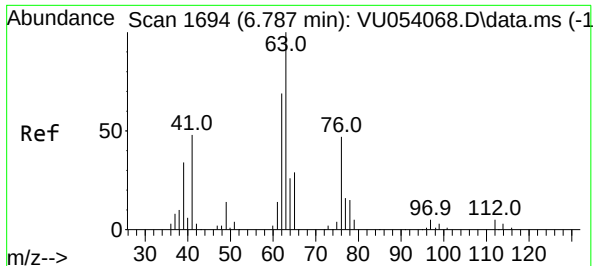
Ion Ratio Lower Upper

96 100

61 1073.8 118.3 219.7#

63 9413.0 92.3 171.5#

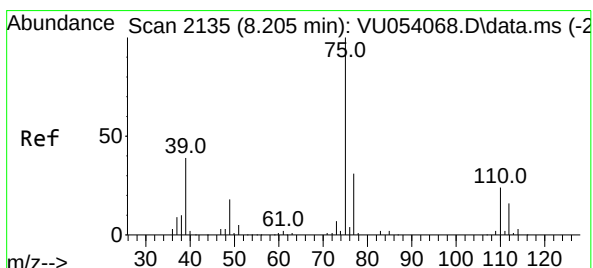
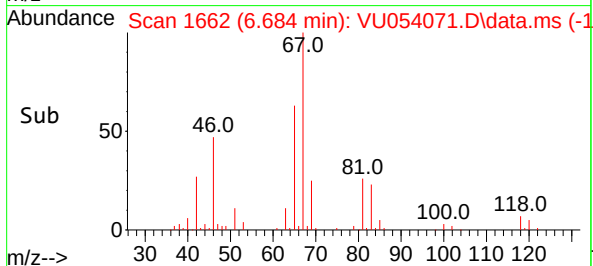
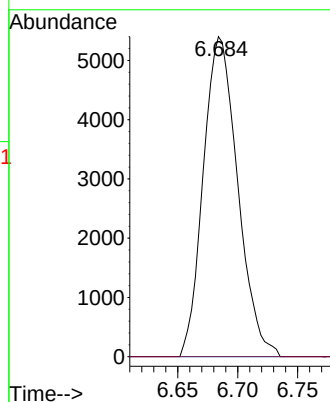
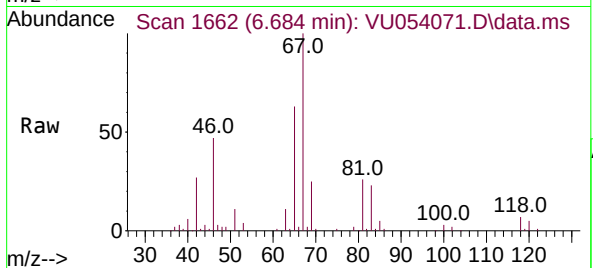




#37
1,2-Dichloropropane
Concen: 6.326 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054071.D
Acq: 05 May 2023 16:02

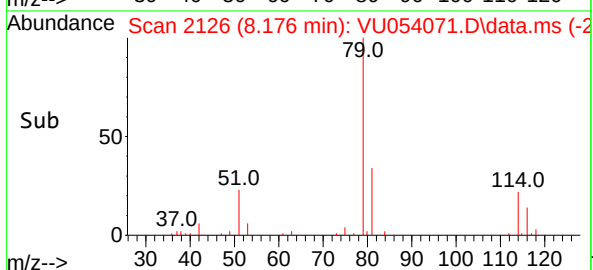
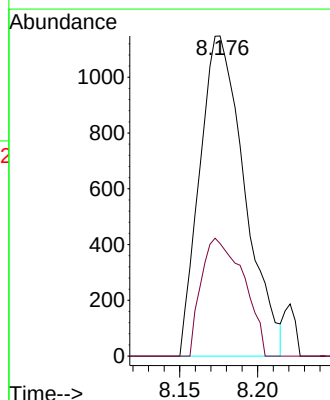
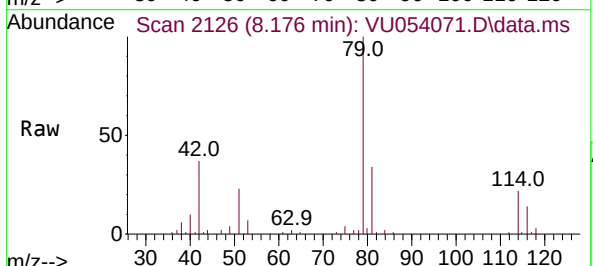
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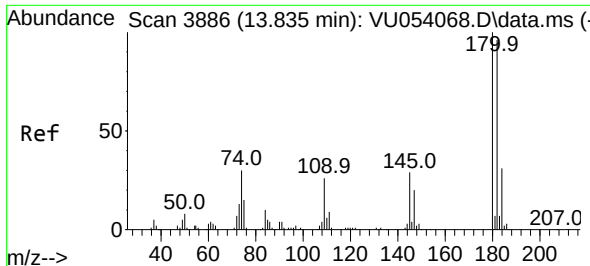
Tgt Ion: 63 Resp: 10788
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#44
trans-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU054071.D
Acq: 05 May 2023 16:02

Tgt Ion: 75 Resp: 2297
Ion Ratio Lower Upper
75 100
77 35.2 22.5 41.7

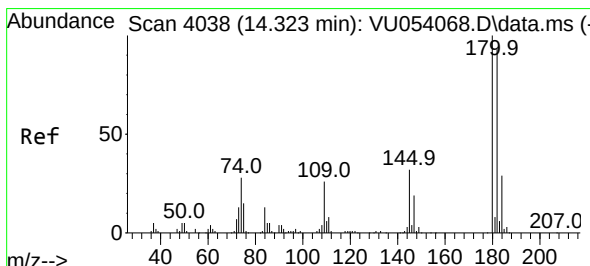
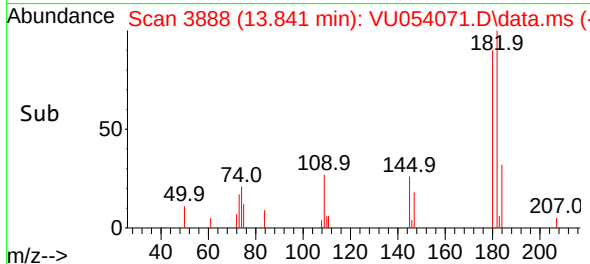
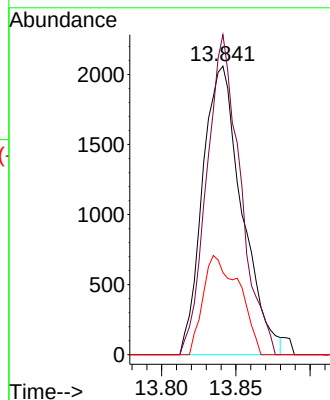
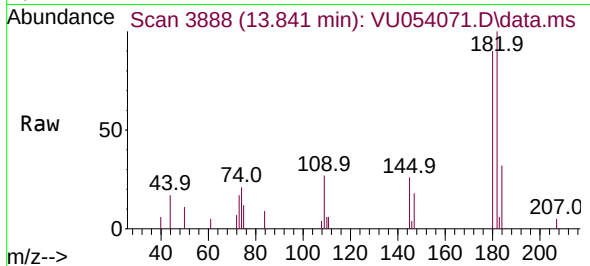




#70
1,2,4-trichlorobenzene
Concen: 1.794 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU054071.D
Acq: 05 May 2023 16:02

Instrument :
MSVOA_U
ClientSampleId :
JRED6ME

Tgt Ion:180 Resp: 3795
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.2
145 23.0 23.8 35.8#



#72
1,2,3-Trichlorobenzene
Concen: 1.809 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.007 min
Lab File: VU054071.D
Acq: 05 May 2023 16:02

Tgt Ion:180 Resp: 3807
Ion Ratio Lower Upper
180 100
182 105.2 76.6 114.8
145 31.7 24.9 37.3

