

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046209.D
 Acq On : 09 Dec 2021 10:57
 Operator : SY/MD
 Sample : VU1209MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:26:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

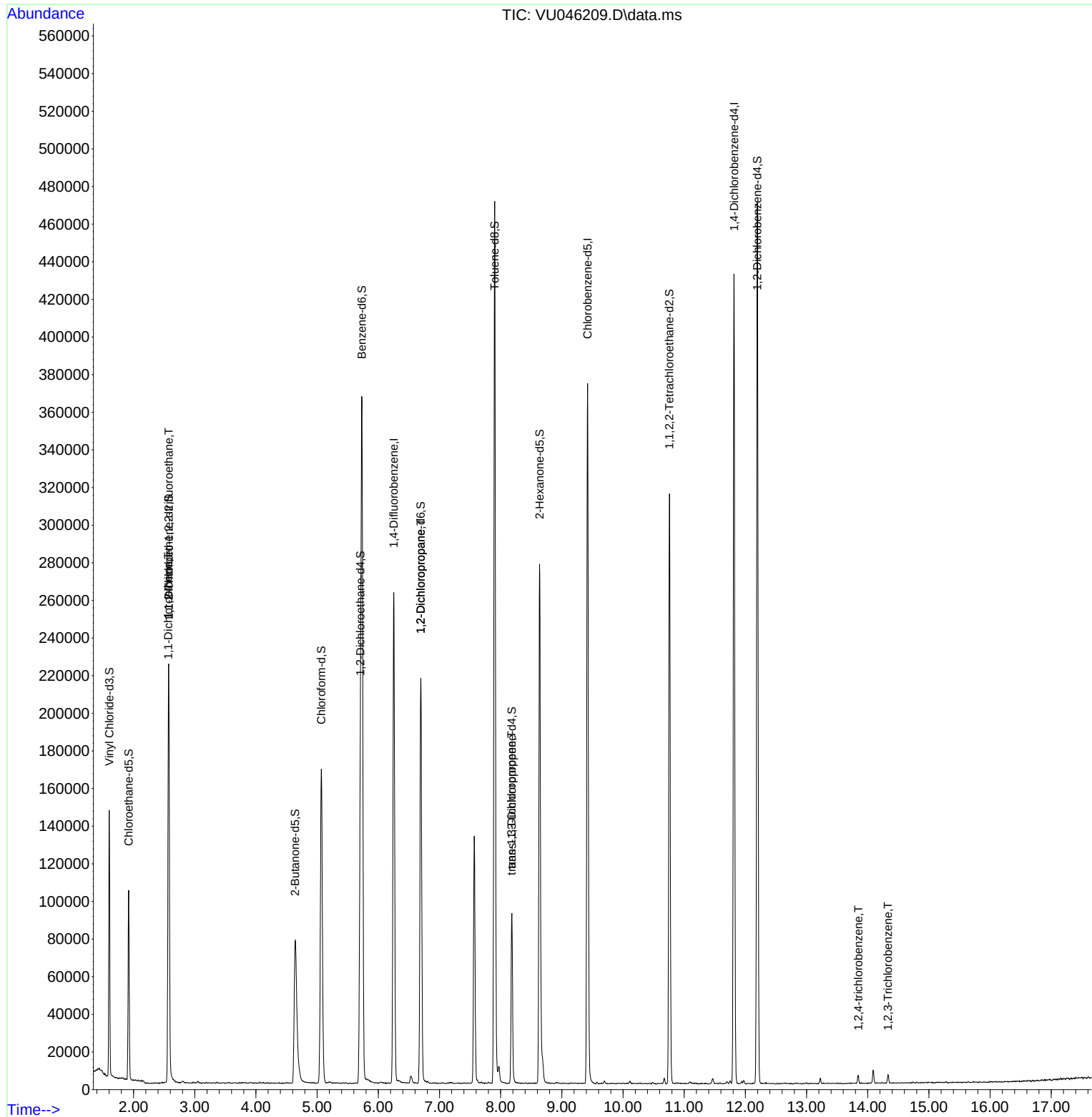
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	215881	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	221861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	115952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	100331	56.419	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 112.840%		
7) Chloroethane-d5	1.919	69	74192	54.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 108.680%		
11) 1,1-Dichloroethene-d2	2.575	63	132961	41.649	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 83.300%		
21) 2-Butanone-d5	4.642	46	149055	105.438	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 105.440%		
24) Chloroform-d	5.070	84	158989	53.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 107.080%		
26) 1,2-Dichloroethane-d4	5.706	65	105819	53.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 106.200%		
32) Benzene-d6	5.732	84	347488	54.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 109.300%		
36) 1,2-Dichloropropane-d6	6.693	67	105714	53.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 107.280%		
41) Toluene-d8	7.902	98	322503	55.702	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 111.400%		
43) trans-1,3-Dichloroprop...	8.182	79	52652	55.345	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 110.680%		
47) 2-Hexanone-d5	8.635	63	104112	111.421	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 111.420%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	156556	52.383	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 104.760%		
66) 1,2-Dichlorobenzene-d4	12.195	152	124558	55.780	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 111.560%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1256	0.800	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1121	0.751	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	11349	6.452	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	2421	0.921	ug/L	86
70) 1,2,4-trichlorobenzene	13.844	180	1676	0.723	ug/L	84
72) 1,2,3-Trichlorobenzene	14.330	180	1814	0.768	ug/L	94

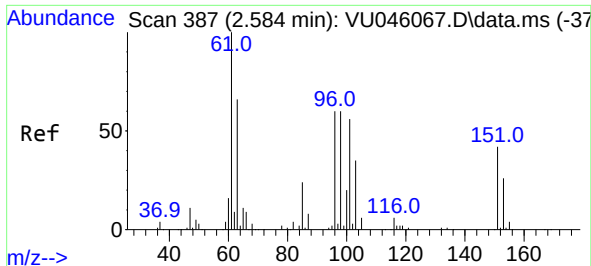
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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QLast Update : Fri Dec 03 05:08:36 2021
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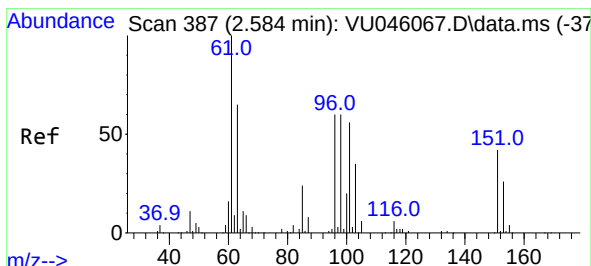
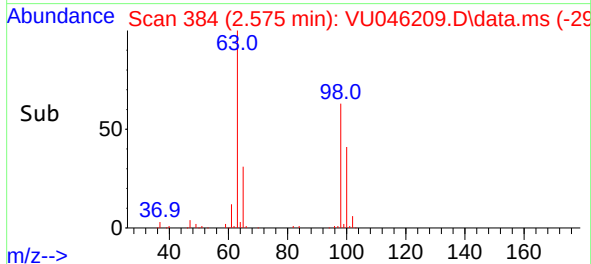
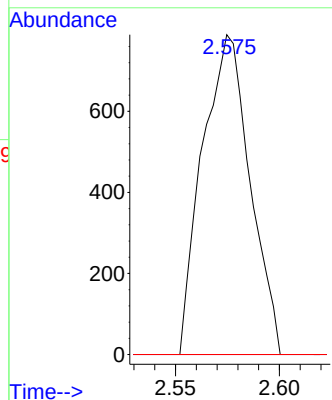
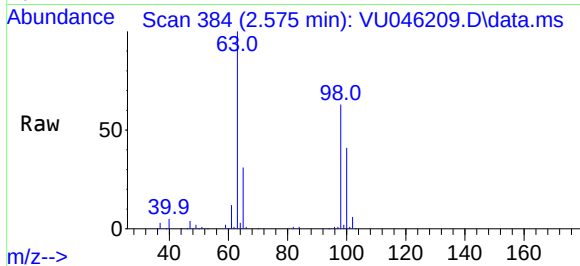




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.800 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

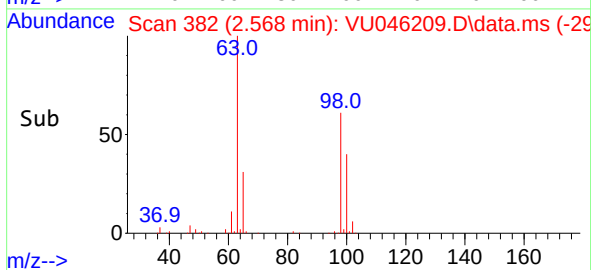
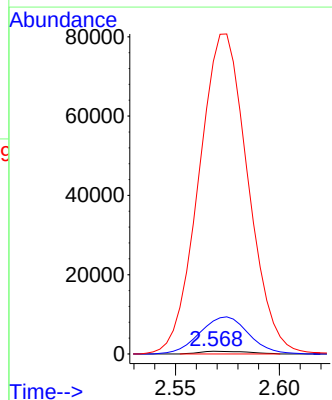
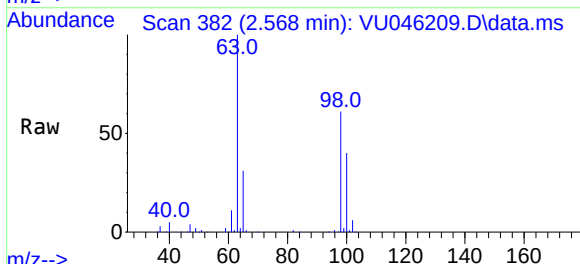
Instrument :
MSVOA_U
ClientSampleId :

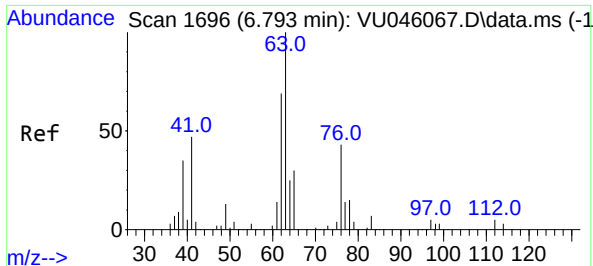
Tgt Ion:101 Resp: 1256
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.751 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

Tgt Ion: 96 Resp: 1121
Ion Ratio Lower Upper
96 100
61 1231.9 118.6 220.2#
63 10948.4 93.0 172.8#

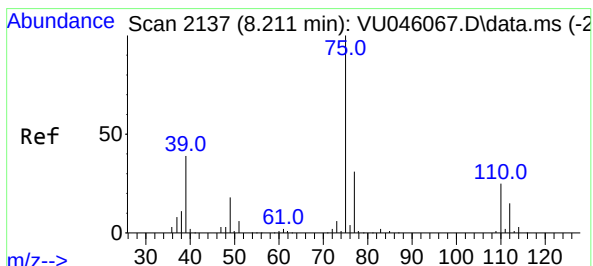
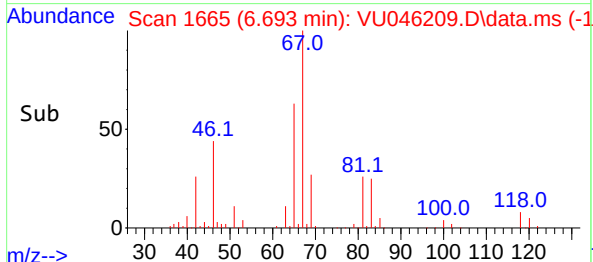
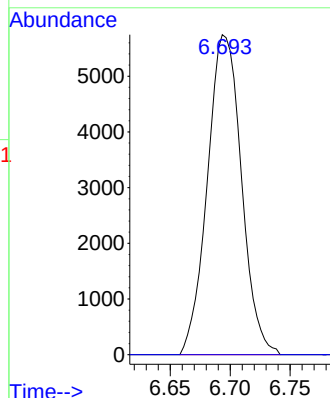
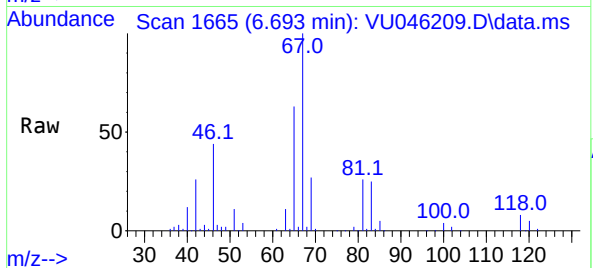




#37
1,2-Dichloropropane
Concen: 6.452 ug/L
RT: 6.693 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

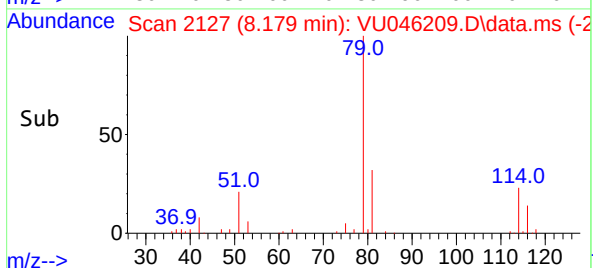
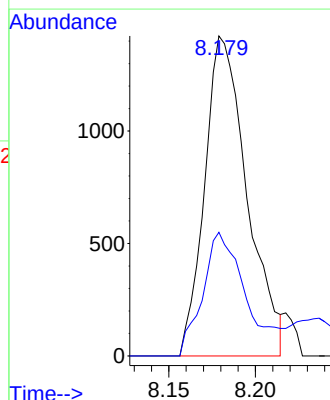
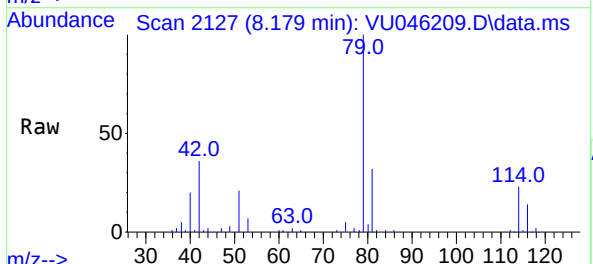
Instrument :
MSVOA_U
ClientSampleId :

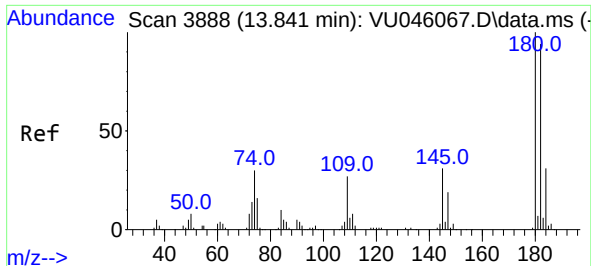
Tgt Ion: 63 Resp: 11349
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#44
trans-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.036 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

Tgt Ion: 75 Resp: 2421
Ion Ratio Lower Upper
75 100
77 38.7 21.7 40.3

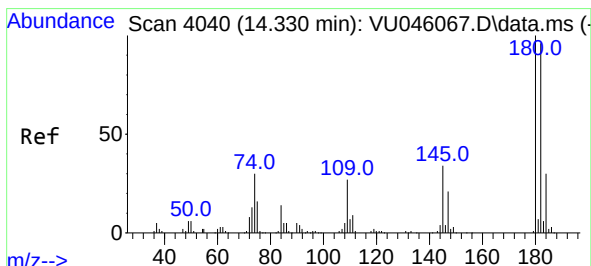
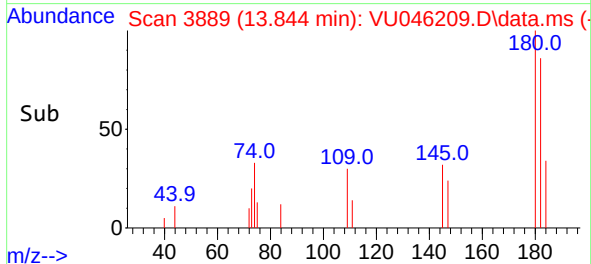
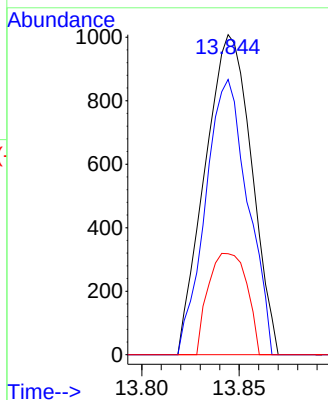
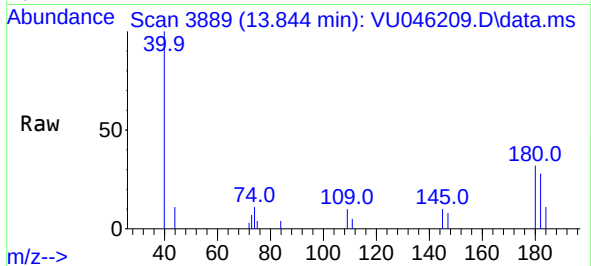




#70
1,2,4-trichlorobenzene
Concen: 0.723 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 1676
Ion Ratio Lower Upper
180 100
182 78.2 76.7 115.1
145 26.1 26.0 39.0



#72
1,2,3-Trichlorobenzene
Concen: 0.768 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046209.D
Acq: 09 Dec 2021 10:57

Tgt Ion:180 Resp: 1814
Ion Ratio Lower Upper
180 100
182 89.9 76.0 114.0
145 28.8 27.3 40.9

