

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
 Data File : VU047106.D
 Acq On : 11 Feb 2022 11:43
 Operator : SY/MD
 Sample : N1462-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 01:26:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

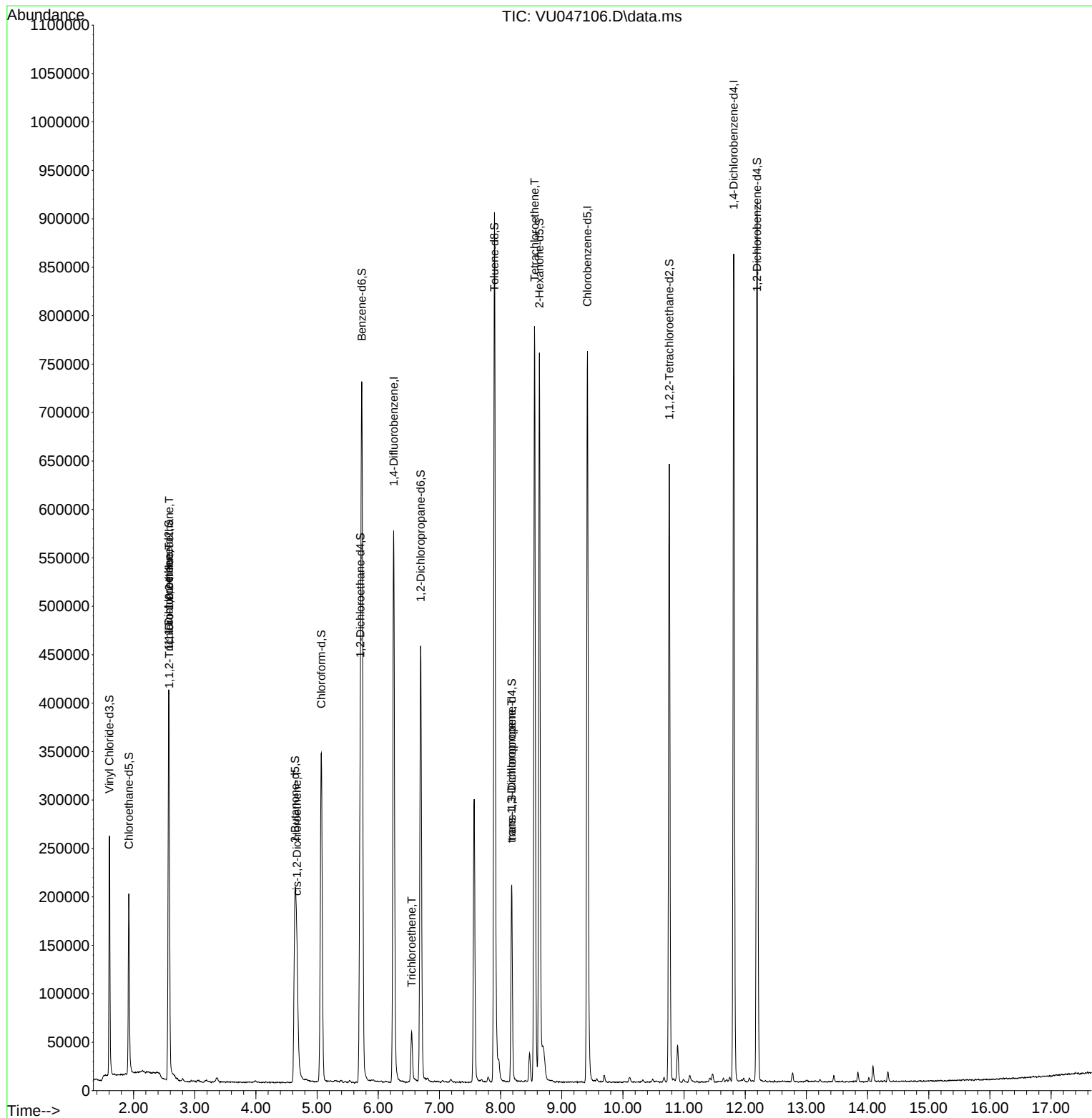
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	486008	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	450138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	229578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	182766	41.406	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.820%	
7) Chloroethane-d5	1.922	69	143771	43.939	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	87.880%	
11) 1,1-Dichloroethene-d2	2.575	63	244127	33.375	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.760%	
21) 2-Butanone-d5	4.642	46	386213	112.820	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.820%	
24) Chloroform-d	5.070	84	315677	44.054	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.100%	
26) 1,2-Dichloroethane-d4	5.706	65	211137	45.907	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.820%	
32) Benzene-d6	5.732	84	681263	45.523	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.040%	
36) 1,2-Dichloropropane-d6	6.693	67	221187	45.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.160%	
41) Toluene-d8	7.899	98	643757	45.180	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.360%	
43) trans-1,3-Dichloroprop...	8.182	79	115419	45.382	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.760%	
47) 2-Hexanone-d5	8.636	63	283452	101.949	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.950%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	321986	45.501	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	245140	45.023	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.040%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	2520	0.782	ug/L #	33
12) 1,1-Dichloroethene	2.578	96	2594	0.821	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	29891	8.139	ug/L	97
34) Trichloroethene	6.546	95	16955	4.649	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	6123	1.043	ug/L #	82
46) Tetrachloroethene	8.555	164	185574	63.254	ug/L	97

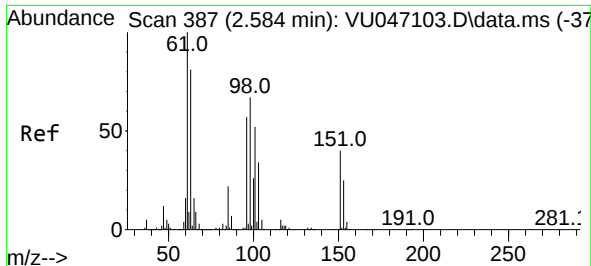
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 12 01:25:35 2022
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#10

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

Concen: 0.782 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

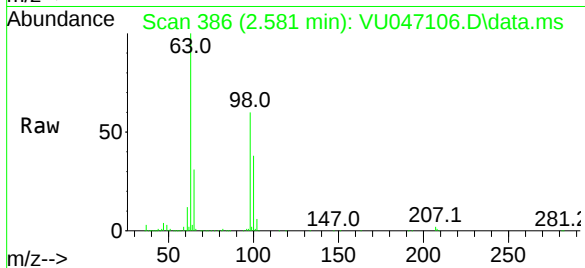
Lab File: VU047106.D

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MSVOA_U

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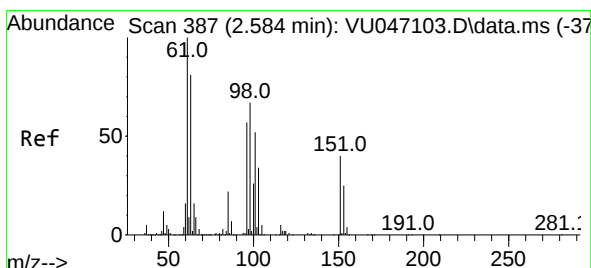
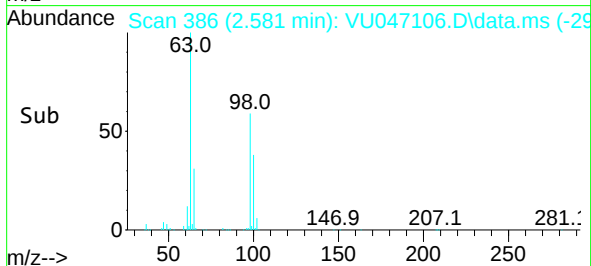
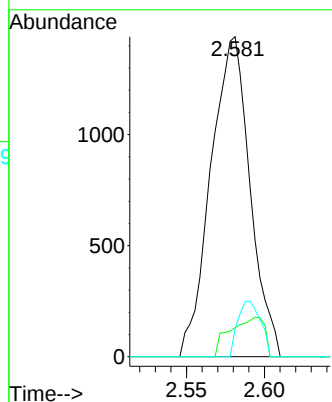
Tgt Ion:101 Resp: 2520

Ion Ratio Lower Upper

101 100

85 9.2 34.9 52.3#

151 10.0 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 0.821 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.007 min

Lab File: VU047106.D

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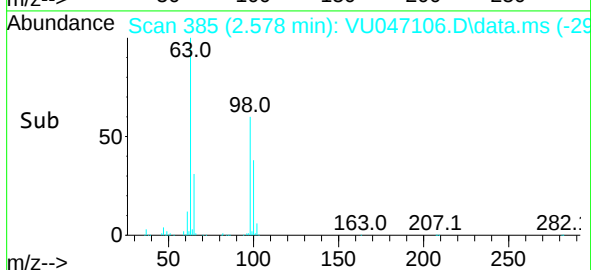
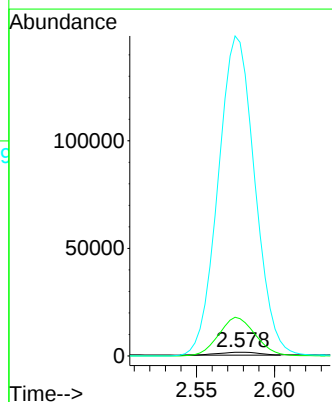
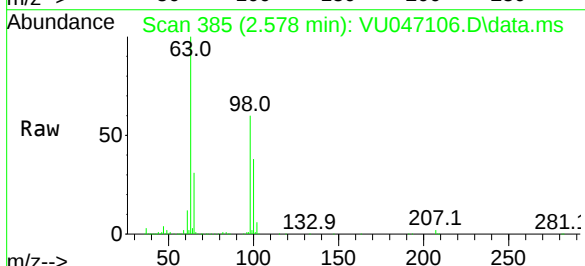
Tgt Ion: 96 Resp: 2594

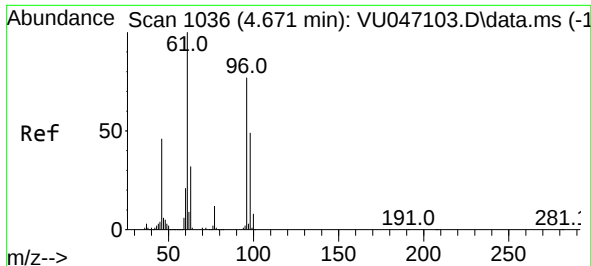
Ion Ratio Lower Upper

96 100

61 1001.7 114.9 213.3#

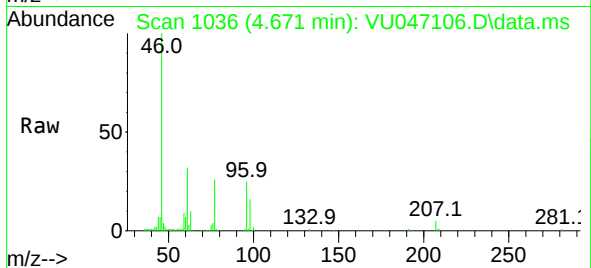
63 8412.7 86.0 159.8#



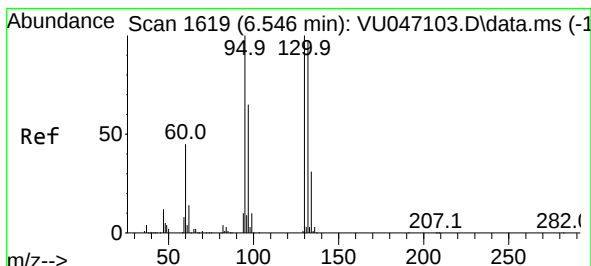
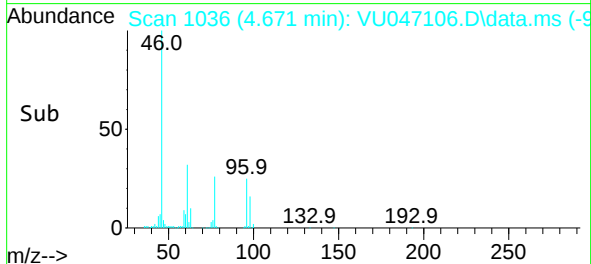
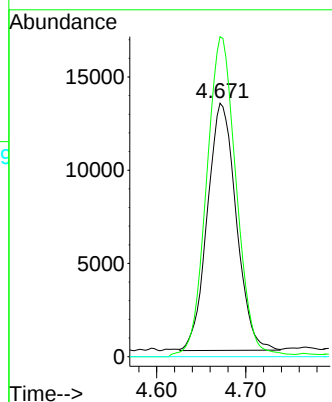


#20
cis-1,2-Dichloroethene
Concen: 8.139 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047106.D
Acq: 11 Feb 2022 11:43

Instrument :
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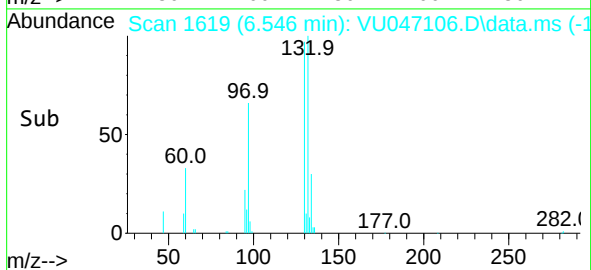
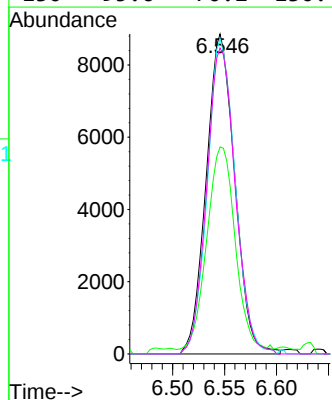
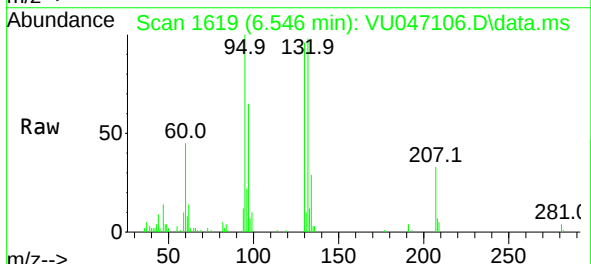


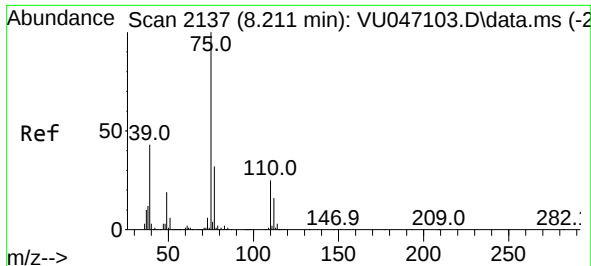
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.3	86.0	159.6
68	0.0	0.0	0.0



#34
Trichloroethene
Concen: 4.649 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047106.D
Acq: 11 Feb 2022 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.7
132	98.4	66.7	123.9
130	95.6	70.2	130.4

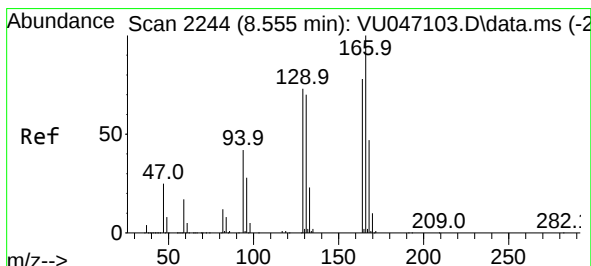
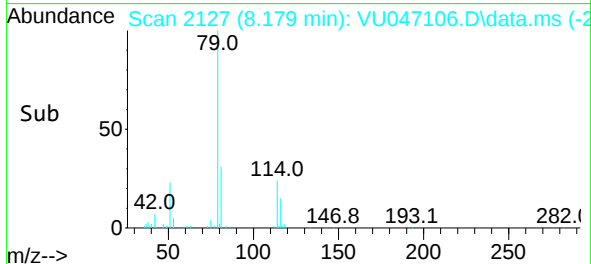
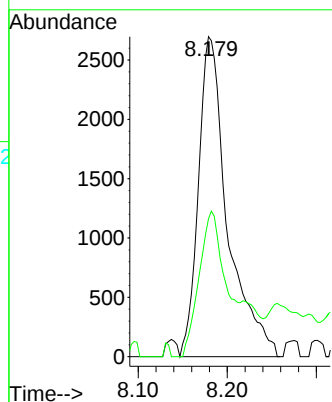
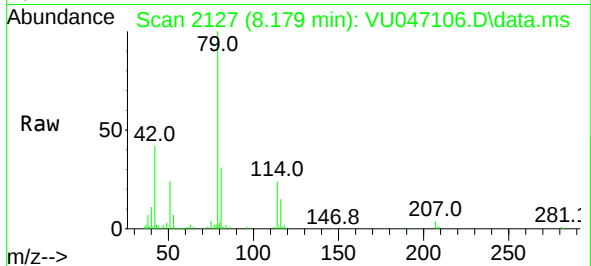




#44
trans-1,3-Dichloropropene
Concen: 1.043 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047106.D
Acq: 11 Feb 2022 11:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6123
Ion Ratio Lower Upper
75 100
77 43.1 23.0 42.8#



#46
Tetrachloroethene
Concen: 63.254 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047106.D
Acq: 11 Feb 2022 11:43

Tgt Ion:164 Resp: 185574
Ion Ratio Lower Upper
164 100
129 96.0 69.5 129.1
131 92.0 67.0 124.4
166 127.2 90.6 168.2

