

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046466.D
 Acq On : 17 Dec 2021 13:02
 Operator : SY/MD
 Sample : M5101-14
 Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL38

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 13:56:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155026	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	161411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	79384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49564	38.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.620%		
7) Chloroethane-d5	1.916	69	35173	35.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.740%		
11) 1,1-Dichloroethene-d2	2.552	63	92274	40.251	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.500%		
21) 2-Butanone-d5	4.655	46	75940	74.805	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.800%		
24) Chloroform-d	5.063	84	94359	44.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.500%		
26) 1,2-Dichloroethane-d4	5.703	65	65328	45.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
32) Benzene-d6	5.726	84	186974	40.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.840%		
36) 1,2-Dichloropropane-d6	6.694	67	59004	41.153	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.300%		
41) Toluene-d8	7.899	98	167215	39.697	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.400%#		
43) trans-1,3-Dichloroprop...	8.185	79	28936	41.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.620%		
47) 2-Hexanone-d5	8.684	63	60348	88.772	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.770%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	85981	39.543	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.080%		
66) 1,2-Dichlorobenzene-d4	12.201	152	64742	42.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.700%		
Target Compounds						
12) 1,1-Dichloroethene	2.562	96	47659	44.462	ug/L	96
19) 1,1-Dichloroethane	3.864	63	122333	59.312	ug/L	99
22) 2-Butanone	4.729	43	10877m	7.875	ug/L	
34) Trichloroethene	6.542	95	341490	265.339	ug/L	98
42) Toluene	7.970	91	61234	11.681	ug/L	99
46) Tetrachloroethene	8.555	164	884580	935.289	ug/L	98

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

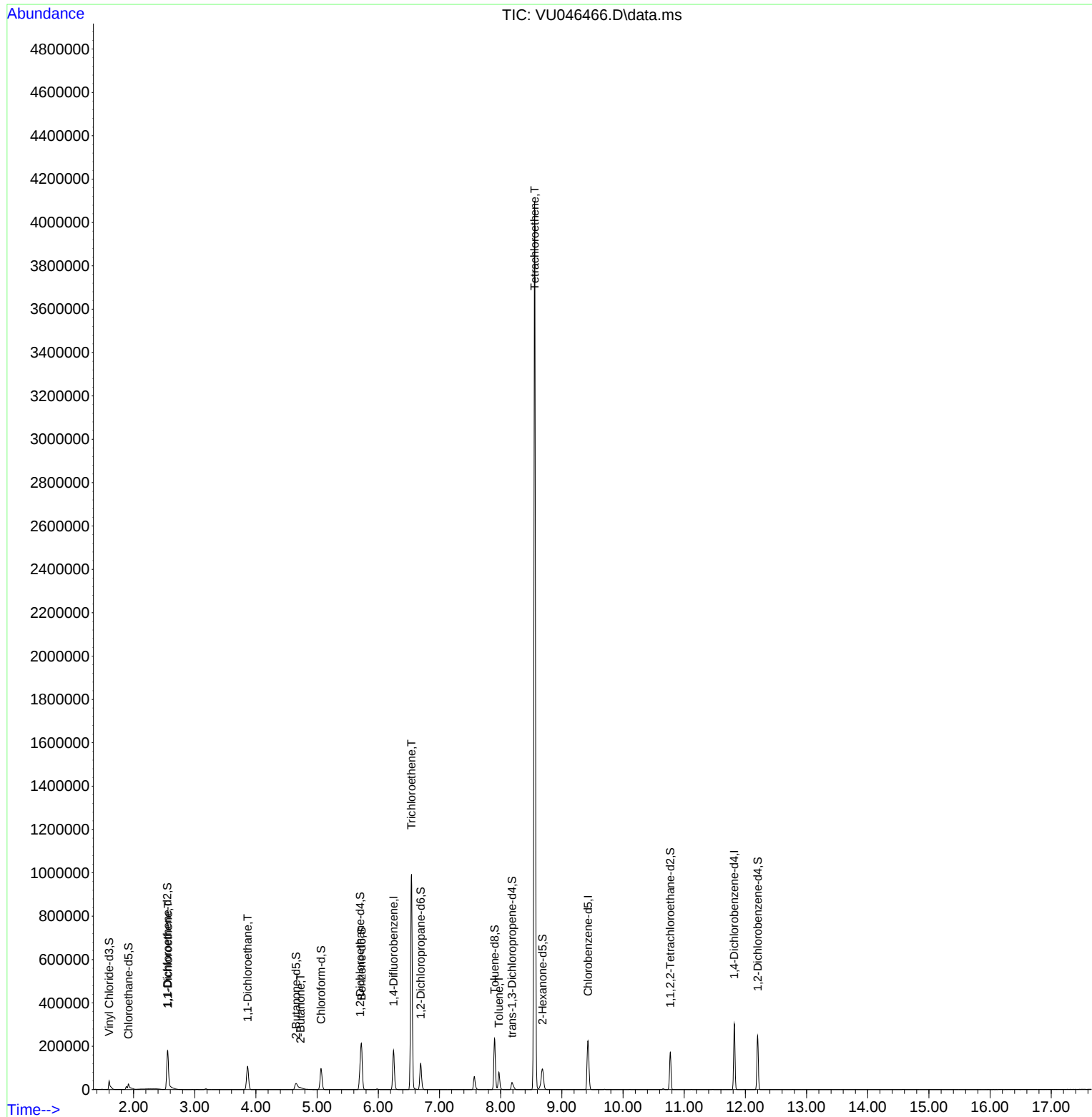
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
Data File : VU046466.D
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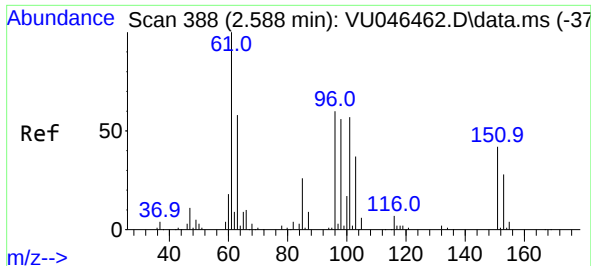
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 44.462 ug/L

RT: 2.562 min Scan# 30

Delta R.T. -0.022 min

Lab File: VU046466.D

Acq: 17 Dec 2021 13:02

Instrument :

MSVOA_U

ClientSampleId :

BGL38

Tgt Ion: 96 Resp: 47659

Ion Ratio Lower Upper

96 100

61 171.6 118.6 220.2

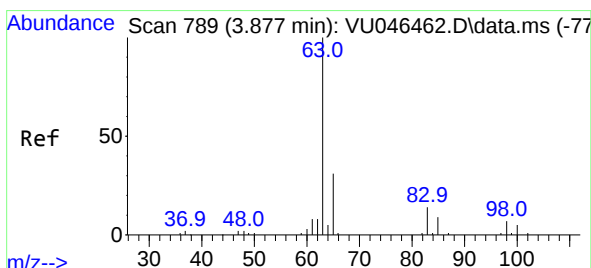
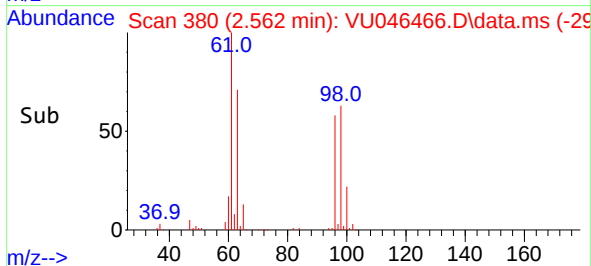
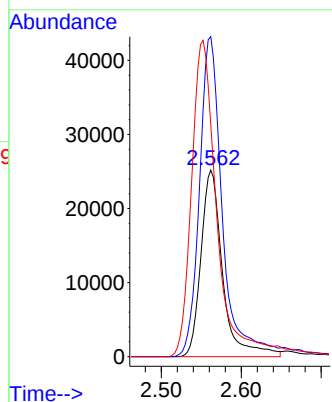
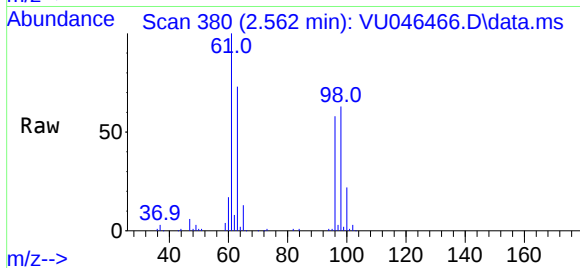
63 124.6 93.0 172.8

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#19

1,1-Dichloroethane

Concen: 59.312 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.013 min

Lab File: VU046466.D

Acq: 17 Dec 2021 13:02

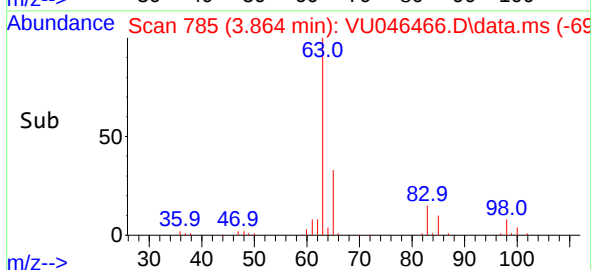
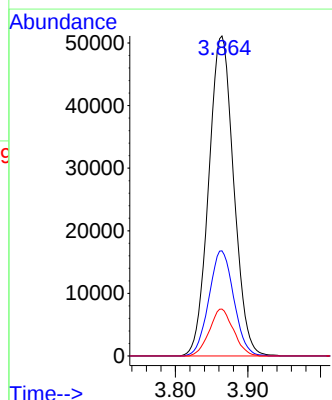
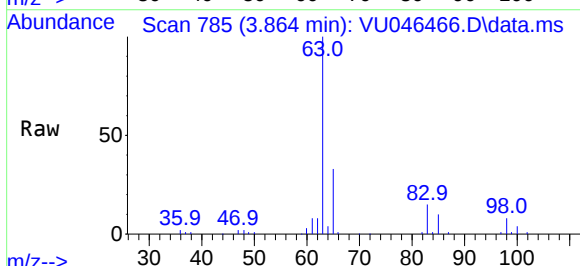
Tgt Ion: 63 Resp: 122333

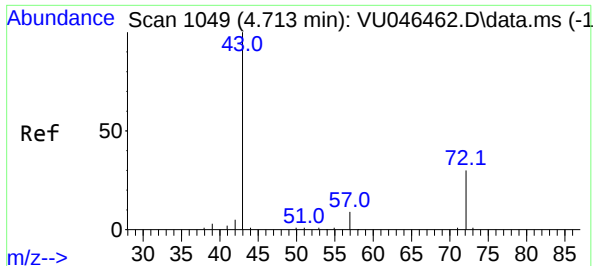
Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 14.7 9.6 17.8





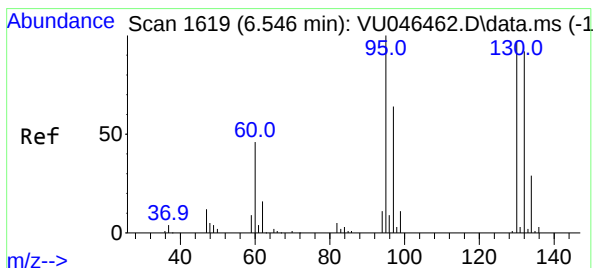
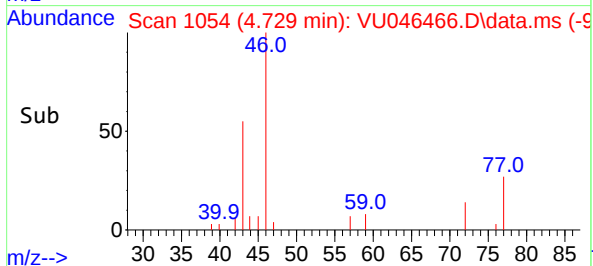
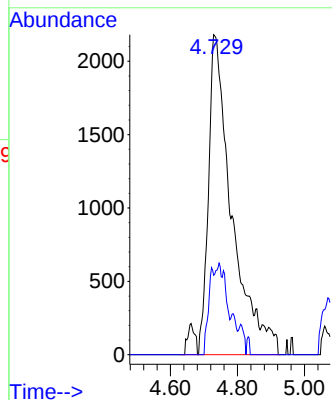
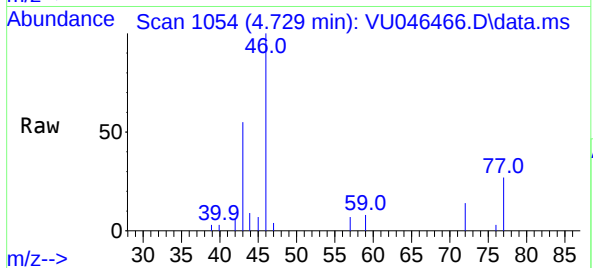
#22
2-Butanone
Concen: 7.875 ug/L m
RT: 4.729 min Scan# 1087
Delta R.T. 0.016 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

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Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
72 6.2 14.5 43.6

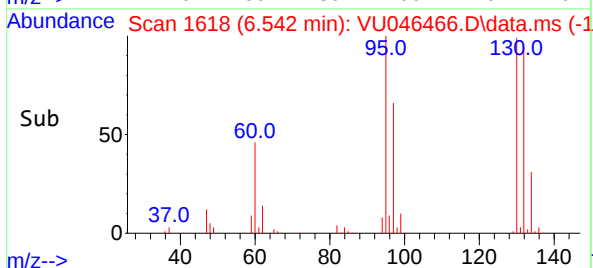
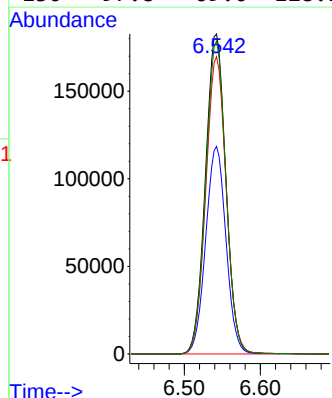
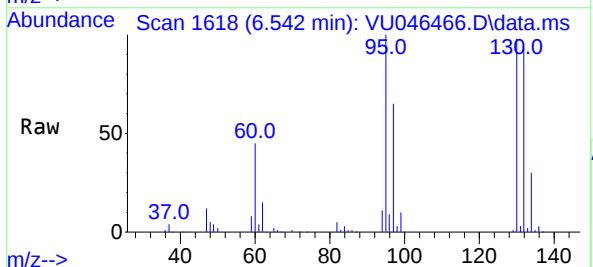
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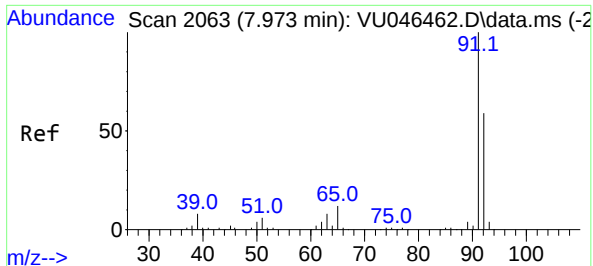
Reviewed By :John Carlone 12/22/2021
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#34
Trichloroethene
Concen: 265.339 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Tgt Ion: 95 Resp: 341490
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 92.9 66.8 124.0
130 97.8 69.0 128.1





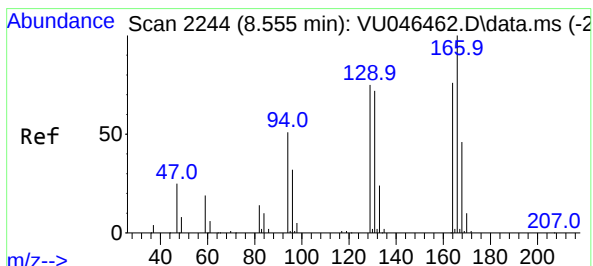
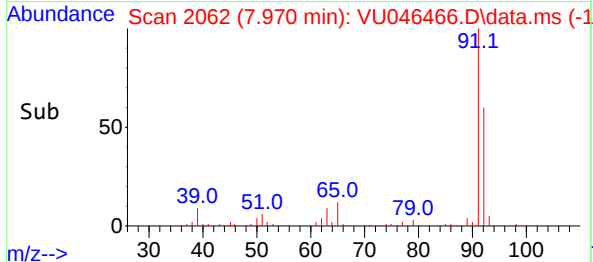
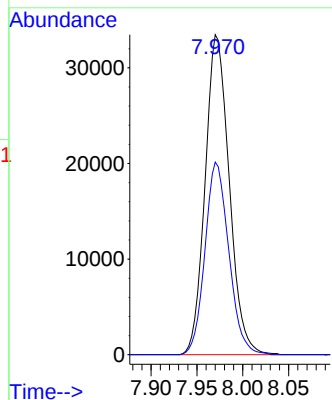
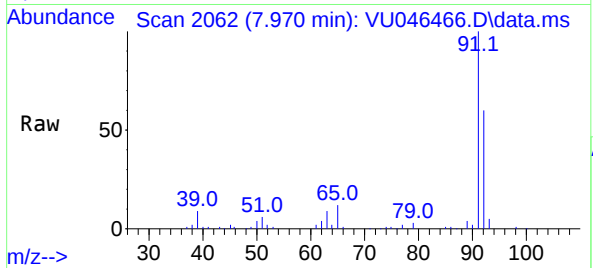
#42
Toluene
Concen: 11.681 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

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Tgt Ion: 91 Resp: 61234
Ion Ratio Lower Upper
91 100
92 60.2 41.9 77.7

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#46
Tetrachloroethene
Concen: 935.289 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046466.D
Acq: 17 Dec 2021 13:02

Tgt Ion:164 Resp: 884580
Ion Ratio Lower Upper
164 100
129 99.0 71.1 132.1
131 94.8 67.8 126.0
166 126.5 90.6 168.2

