

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045830.D
 Acq On : 17 Nov 2021 11:08
 Operator : SY/MD
 Sample : M4686-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z2DL

Quant Time: Nov 18 02:18:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

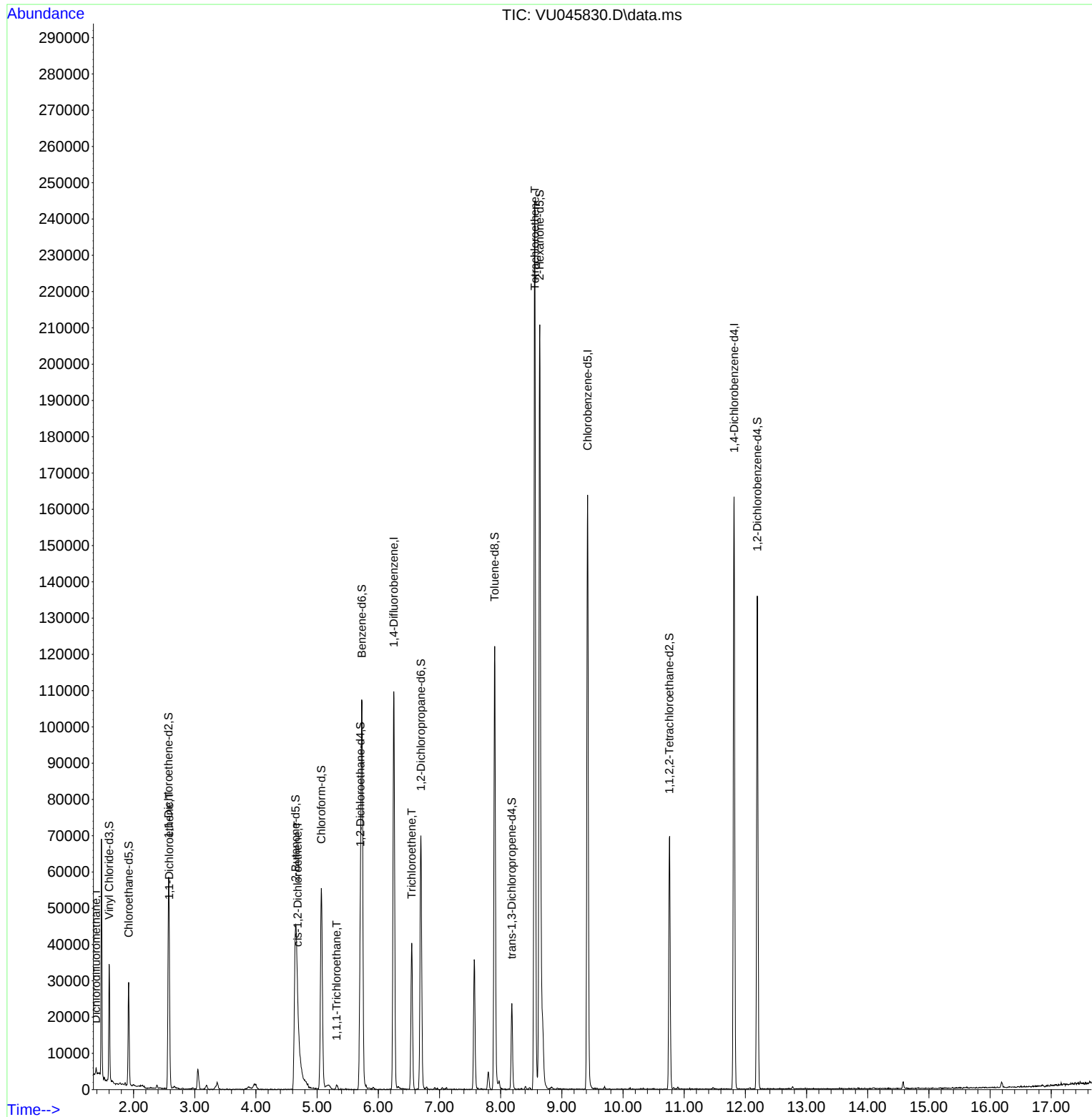
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87596	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22494	3.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.919	69	20089	3.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.571	65	10561	3.628	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	4.649	46	110337	59.326	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.660%	
24) Chloroform-d	5.070	84	50711	4.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.706	65	31693	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.732	84	99834	3.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
36) 1,2-Dichloropropane-d6	6.697	67	33992	4.195	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.902	98	82081	3.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13770	4.186	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.639	63	78423	52.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.940%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34806	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34218	4.624	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	912	0.128	ug/L	95
12) 1,1-Dichloroethene	2.584	96	2885	0.532	ug/L #	1
22) cis-1,2-Dichloroethene	4.681	96	1140	0.181	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	1201	0.118	ug/L	90
34) Trichloroethene	6.546	95	13614	2.028	ug/L	98
47) Tetrachloroethene	8.558	164	54531	11.602	ug/L	94

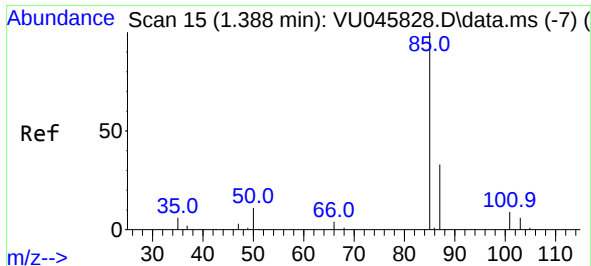
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

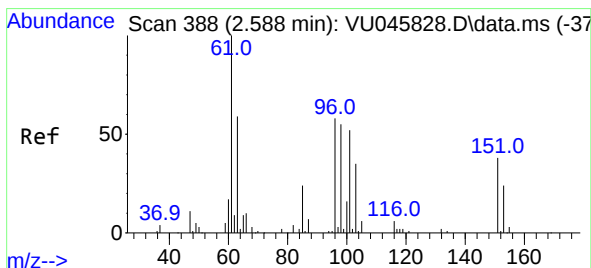
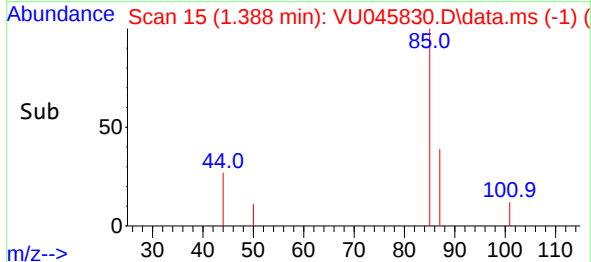
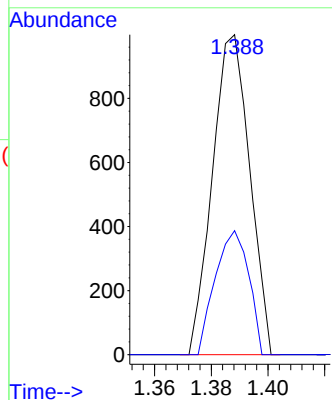
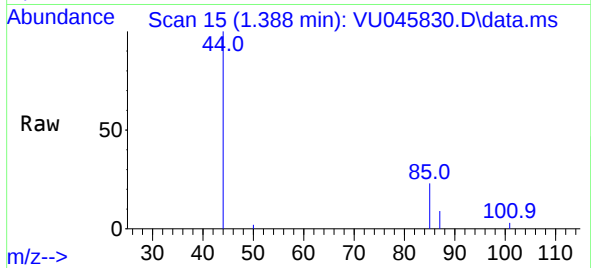




#2
Dichlorodifluoromethane
Concen: 0.128 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045830.D
Acq: 17 Nov 2021 11:08

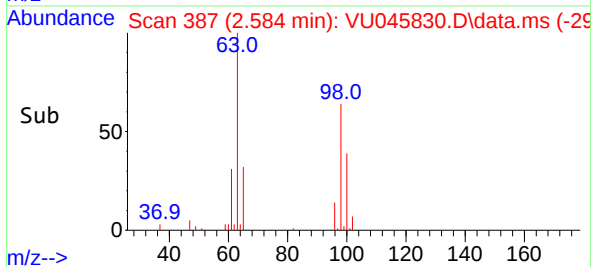
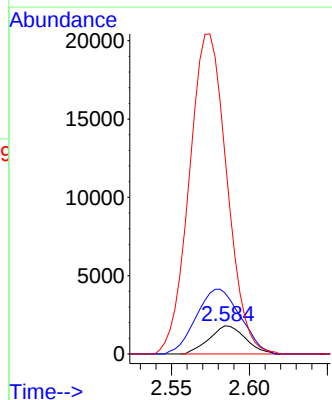
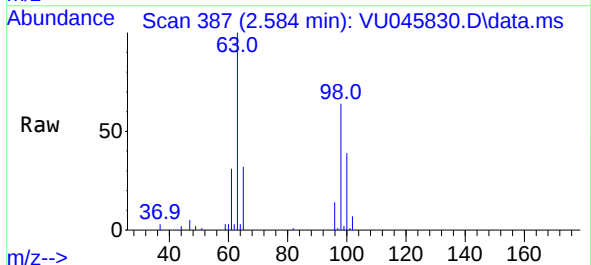
Instrument :
MSVOA_U
ClientSampleId :
BG1Z2DL

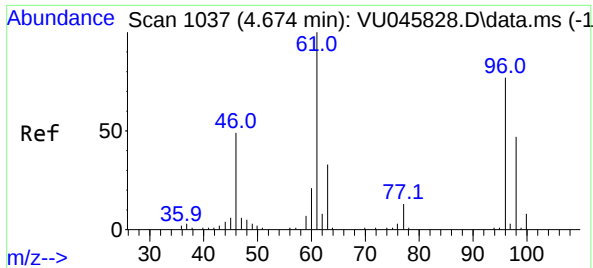
Tgt Ion: 85 Resp: 912
Ion Ratio Lower Upper
85 100
87 34.8 25.8 38.6



#12
1,1-Dichloroethene
Concen: 0.532 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045830.D
Acq: 17 Nov 2021 11:08

Tgt Ion: 96 Resp: 2885
Ion Ratio Lower Upper
96 100
61 216.8 124.7 231.5
63 704.7 105.2 195.4#



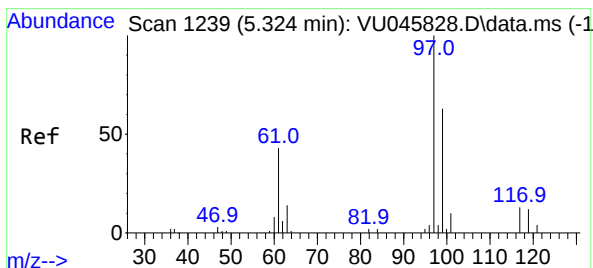
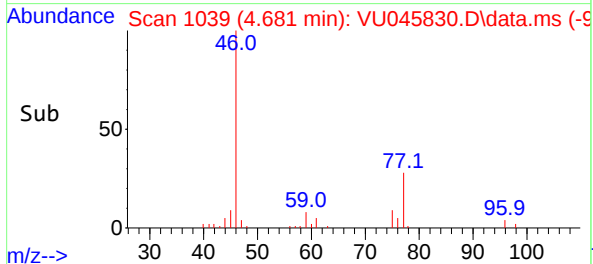
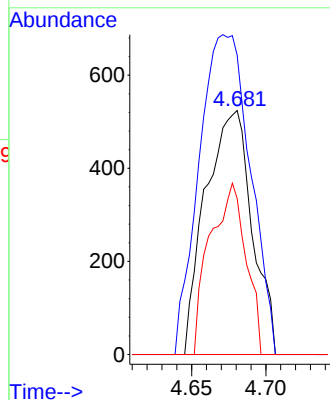
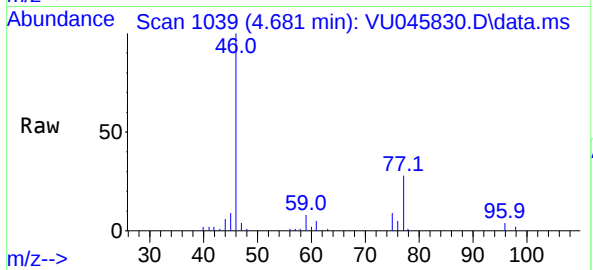


#22
 cis-1,2-Dichloroethene
 Concen: 0.181 ug/L
 RT: 4.681 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VU045830.D
 Acq: 17 Nov 2021 11:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z2DL

Tgt Ion: 96 Resp: 1140

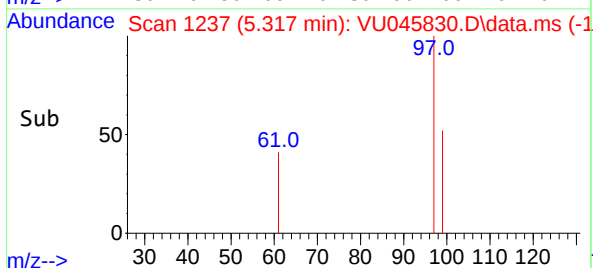
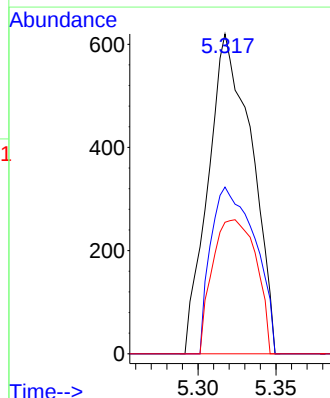
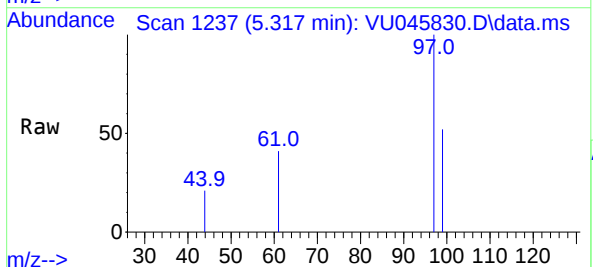
Ion	Ratio	Lower	Upper
96	100		
61	122.7	88.5	164.3
98	63.9	44.4	82.5

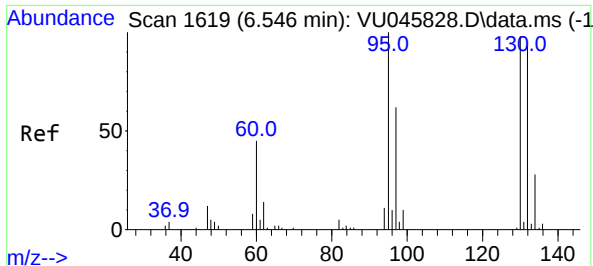


#29
 1,1,1-Trichloroethane
 Concen: 0.118 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: VU045830.D
 Acq: 17 Nov 2021 11:08

Tgt Ion: 97 Resp: 1201

Ion	Ratio	Lower	Upper
97	100		
99	53.2	51.3	76.9
61	42.0	36.1	54.1



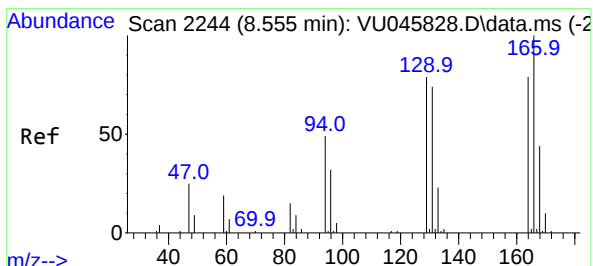
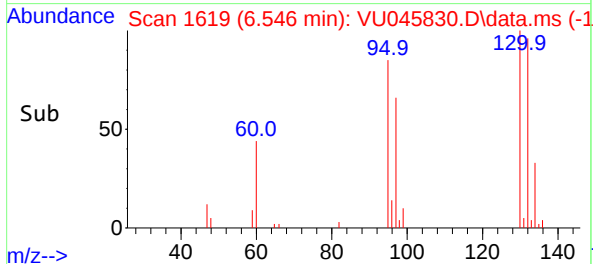
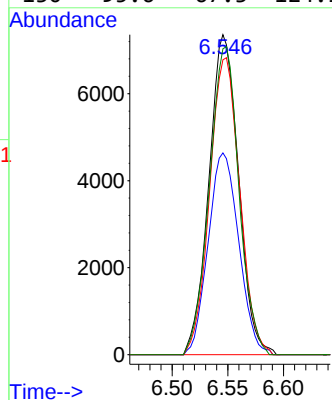
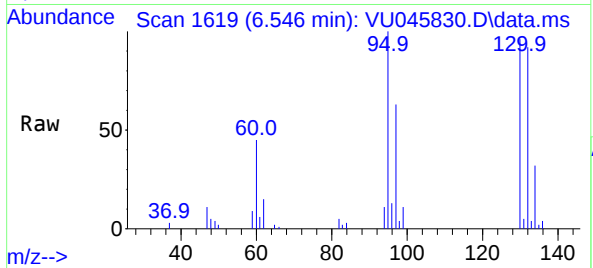


#34
Trichloroethene
Concen: 2.028 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045830.D
Acq: 17 Nov 2021 11:08

Instrument :
MSVOA_U
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BG1Z2DL

Tgt Ion: 95 Resp: 13614

Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.5	86.5
132	92.2	65.1	120.9
130	95.6	67.3	124.9



#47
Tetrachloroethene
Concen: 11.602 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045830.D
Acq: 17 Nov 2021 11:08

Tgt Ion: 164 Resp: 54531

Ion	Ratio	Lower	Upper
164	100		
129	96.1	71.8	133.4
131	95.8	68.5	127.3
166	124.7	94.1	174.8

