

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053887.D
 Acq On : 25 Apr 2023 16:26
 Operator : JC/MD
 Sample : 02392-07DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE28DL

Quant Time: Apr 26 05:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

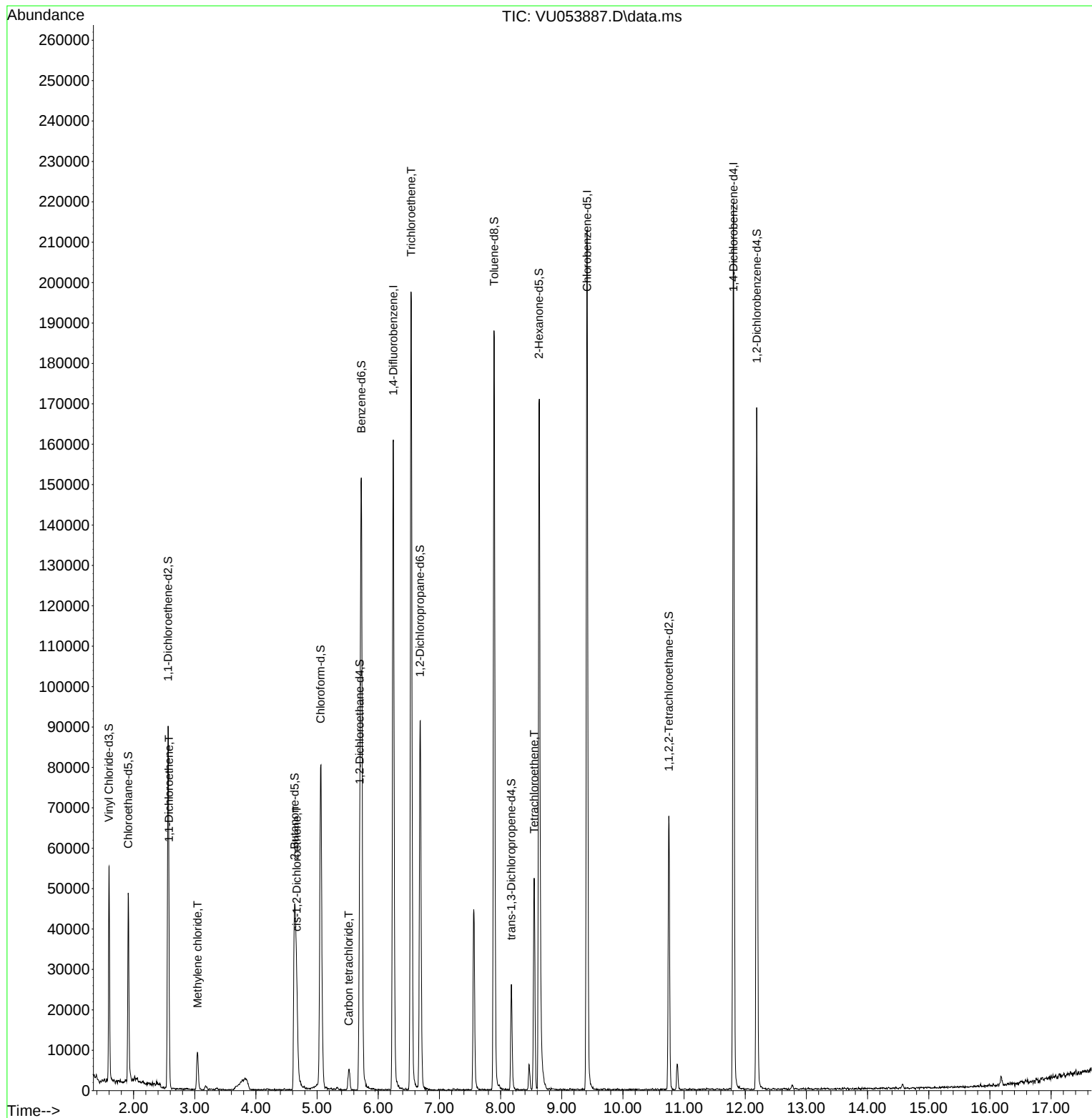
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138253	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40088	4.760	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.912	69	34665	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.565	65	16064	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.632	46	74895	48.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.120%
24) Chloroform-d	5.057	84	75781	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.697	65	35715	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.722	84	153540	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.684	67	47127	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.893	98	134907	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.176	79	16421	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.629	63	62261	48.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34241	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	46230	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1313	0.151	ug/L	# 1
16) Methylene chloride	3.044	84	5197	0.438	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	9533	0.962	ug/L	89
31) Carbon tetrachloride	5.517	117	3658	0.291	ug/L	94
34) Trichloroethene	6.539	95	67358	6.811	ug/L	99
47) Tetrachloroethene	8.549	164	11799	1.505	ug/L	96

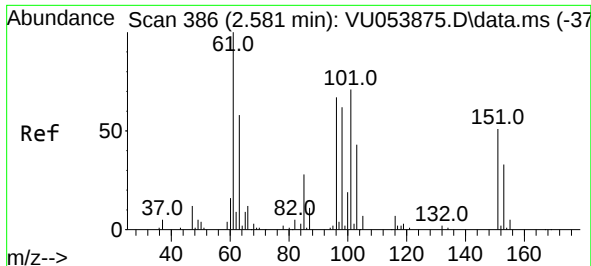
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 26 05:09:52 2023
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#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

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Instrument :

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BHE28DL

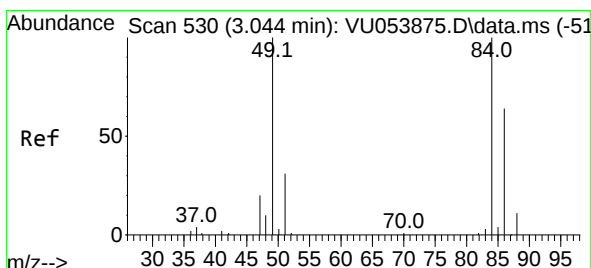
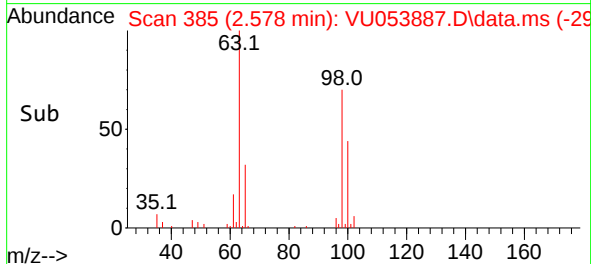
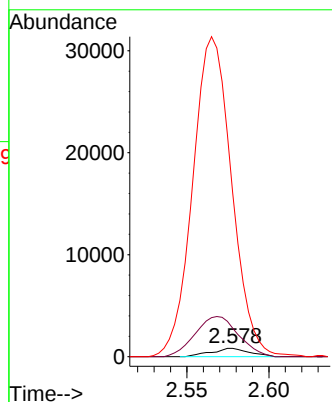
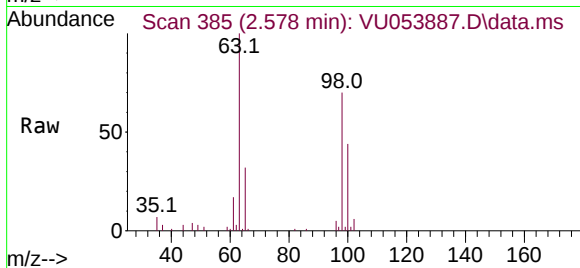
Tgt Ion: 96 Resp: 1313

Ion Ratio Lower Upper

96 100

61 340.5 111.5 207.1#

63 1958.8 68.7 127.7#



#16

Methylene chloride

Concen: 0.438 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053887.D

Acq: 25 Apr 2023 16:26

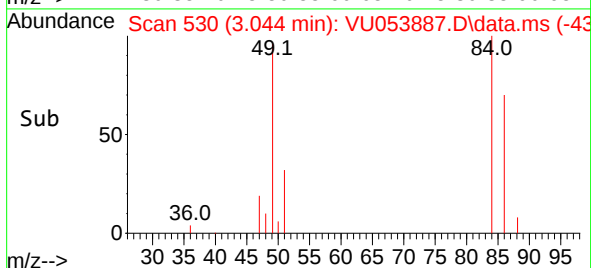
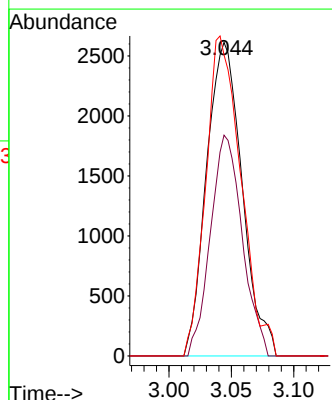
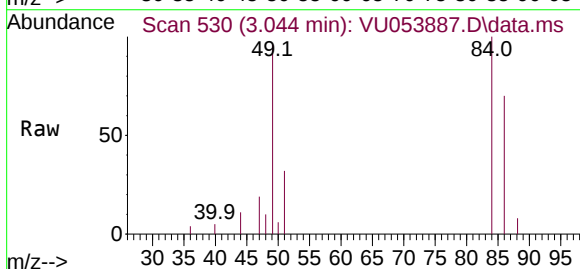
Tgt Ion: 84 Resp: 5197

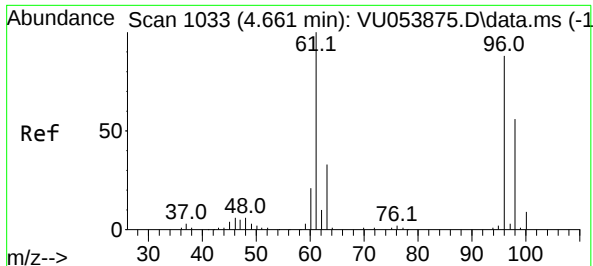
Ion Ratio Lower Upper

84 100

86 70.4 45.0 83.6

49 96.0 74.8 138.8





#22

cis-1,2-Dichloroethene

Concen: 0.962 ug/L

RT: 4.668 min Scan# 11

Delta R.T. 0.006 min

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Acq: 25 Apr 2023 16:26

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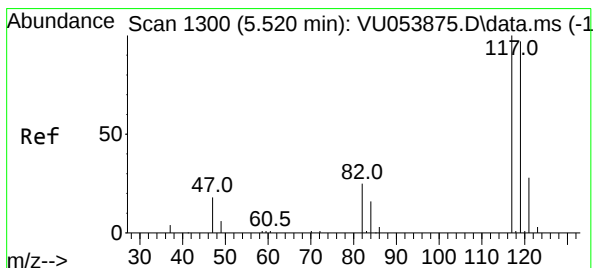
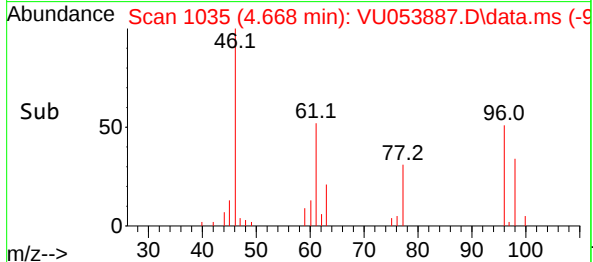
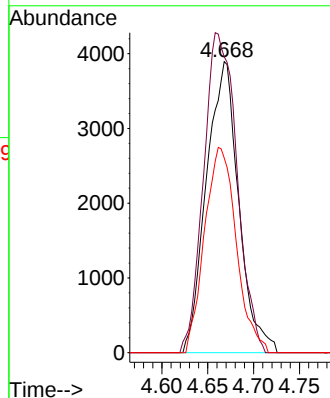
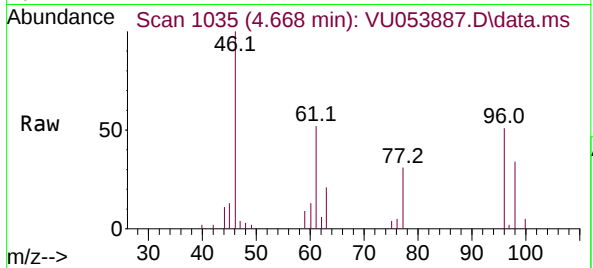
Tgt Ion: 96 Resp: 9533

Ion Ratio Lower Upper

96 100

61 101.7 84.3 156.5

98 66.9 46.4 86.2



#31

Carbon tetrachloride

Concen: 0.291 ug/L

RT: 5.517 min Scan# 1299

Delta R.T. -0.003 min

Lab File: VU053887.D

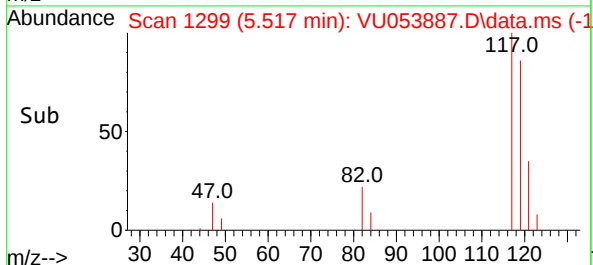
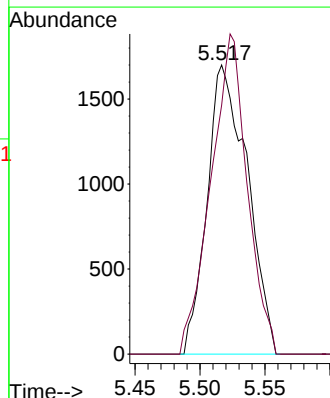
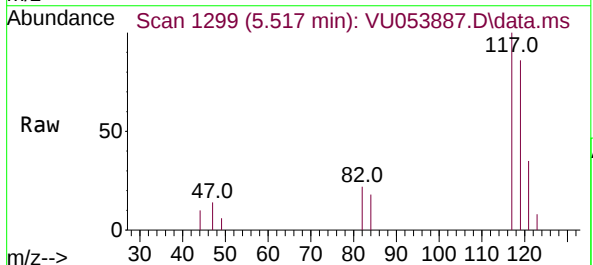
Acq: 25 Apr 2023 16:26

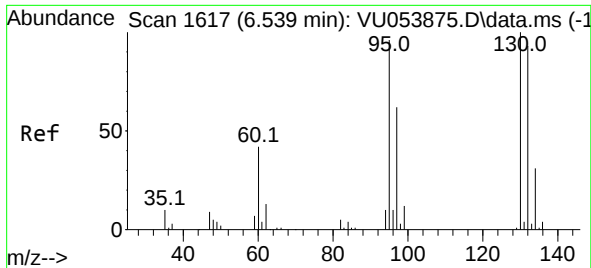
Tgt Ion: 117 Resp: 3658

Ion Ratio Lower Upper

117 100

119 99.8 75.0 112.6

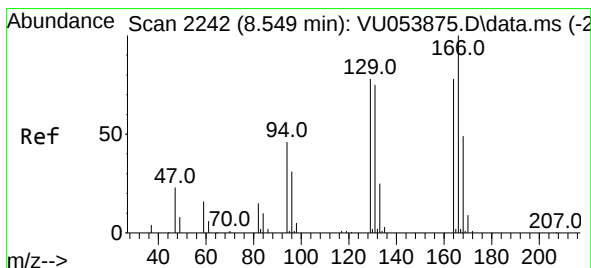
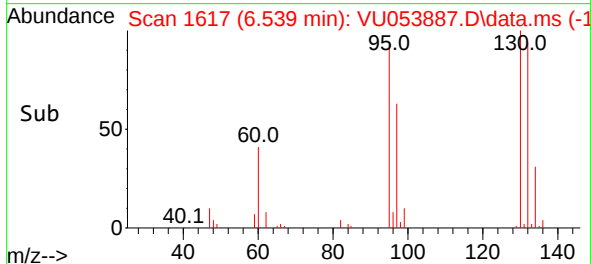
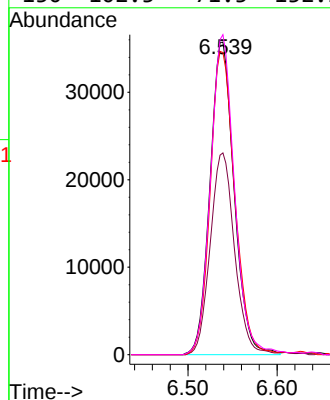
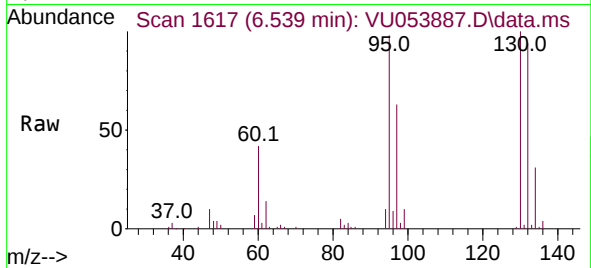




#34
Trichloroethene
Concen: 6.811 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

Instrument :
MSVOA_U
ClientSampleId :
BHE28DL

Tgt Ion: 95 Resp: 67358
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.9
132 96.7 69.9 129.9
130 102.3 71.3 132.3



#47
Tetrachloroethene
Concen: 1.505 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

Tgt Ion: 164 Resp: 11799
Ion Ratio Lower Upper
164 100
129 90.2 68.3 126.8
131 96.1 64.4 119.6
166 128.8 88.3 163.9

