

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058251.D
 Acq On : 28 Mar 2024 19:50
 Operator : MD/SY
 Sample : P1902-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5

Quant Time: Mar 29 01:13:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

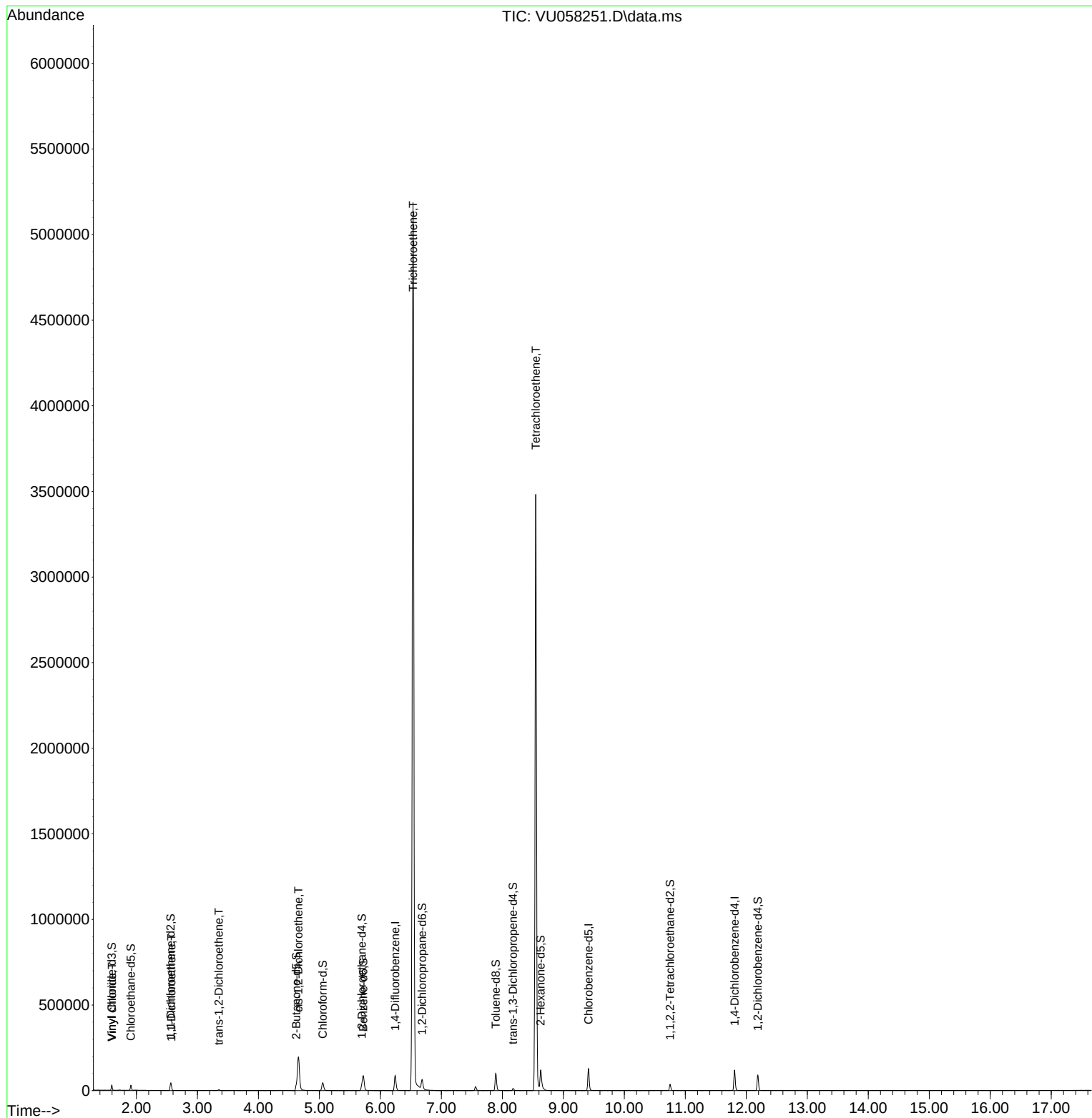
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	31648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	19033	3.120	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.908	69	19969	4.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.561	65	8408	3.320	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	4.622	46	51093	47.147	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.300%	
24) Chloroform-d	5.052	84	43684	4.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
26) 1,2-Dichloroethane-d4	5.695	65	21866	4.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.718	84	83589	3.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.200%	
36) 1,2-Dichloropropane-d6	6.683	67	27405	4.066	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.400%	
41) Toluene-d8	7.891	98	68418	3.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	8.174	79	7958	3.685	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.628	63	41024	46.906	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.820%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19158	4.363	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	24712	4.193	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1998	0.483	ug/L #	62
12) 1,1-Dichloroethene	2.573	96	1693	0.468	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	2389	0.632	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	98898	21.162	ug/L	97
34) Trichloroethene	6.535	95	1736775	360.485	ug/L	98
47) Tetrachloroethene	8.547	164	700397	217.041	ug/L	98

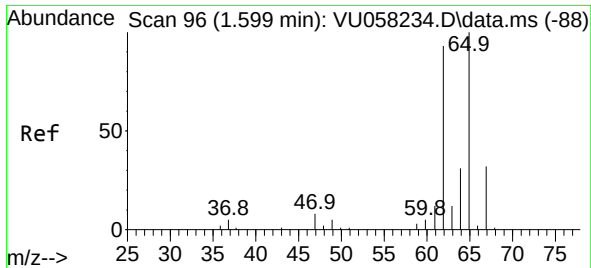
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
Data File : VU058251.D
Acq On : 28 Mar 2024 19:50
Operator : MD/SY
Sample : P1902-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCOC5

Quant Time: Mar 29 01:13:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 29 01:09:13 2024
Response via : Initial Calibration

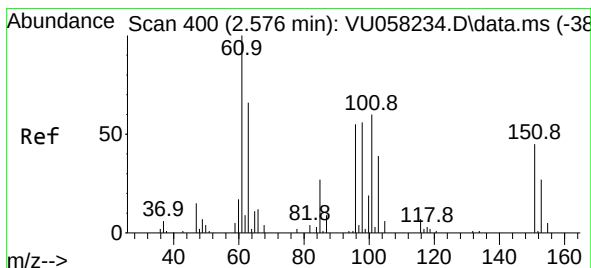
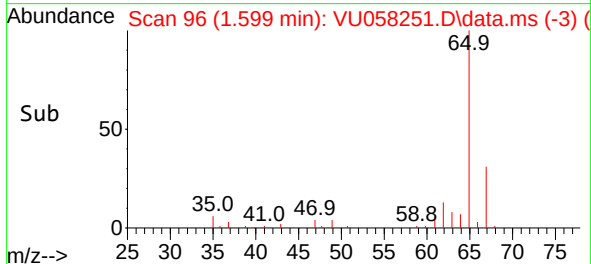
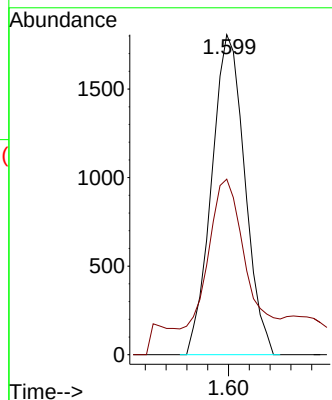
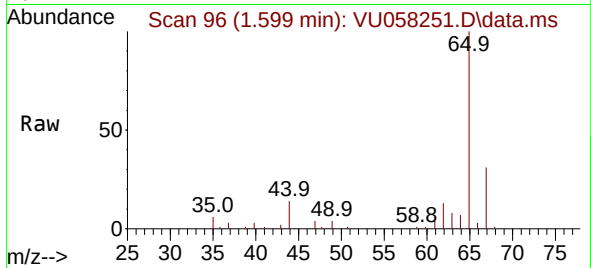




#5
 Vinyl chloride
 Concen: 0.483 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058251.D
 Acq: 28 Mar 2024 19:50

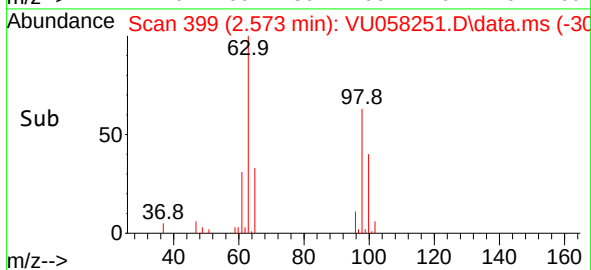
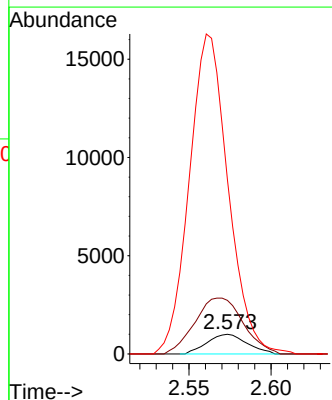
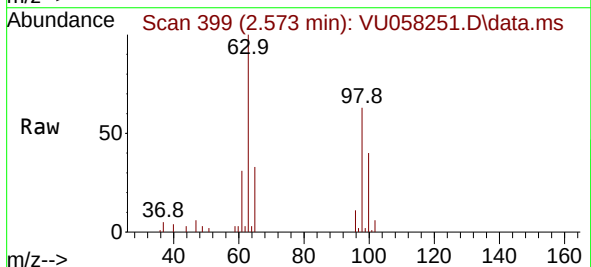
Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5

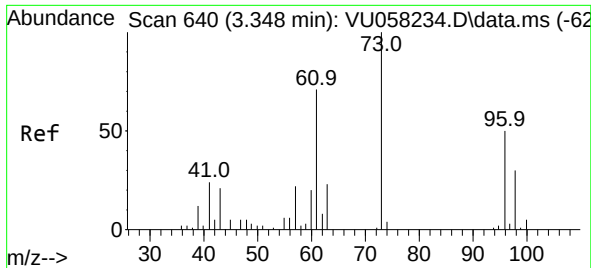
Tgt Ion: 62 Resp: 1998
 Ion Ratio Lower Upper
 62 100
 64 54.8 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 0.468 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058251.D
 Acq: 28 Mar 2024 19:50

Tgt Ion: 96 Resp: 1693
 Ion Ratio Lower Upper
 96 100
 61 235.6 128.1 237.9
 63 766.8 116.8 217.0#

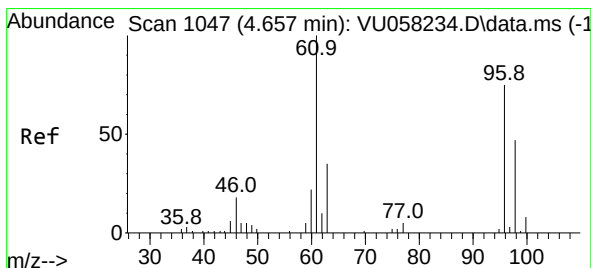
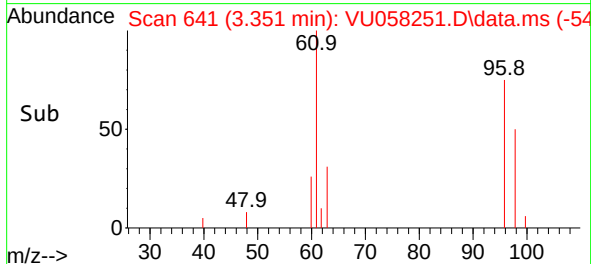
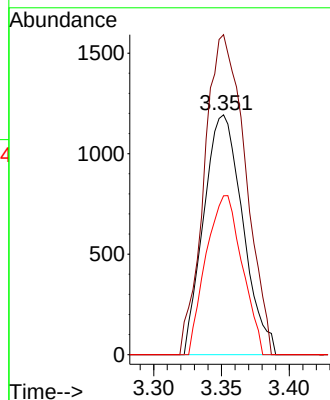
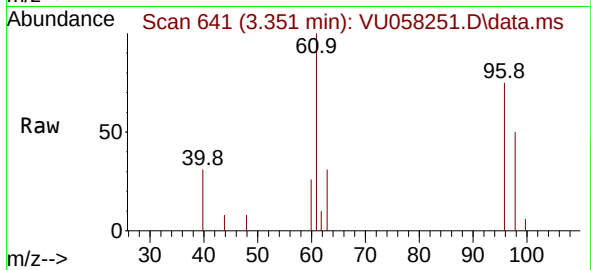




#18
trans-1,2-Dichloroethene
Concen: 0.632 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.004 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

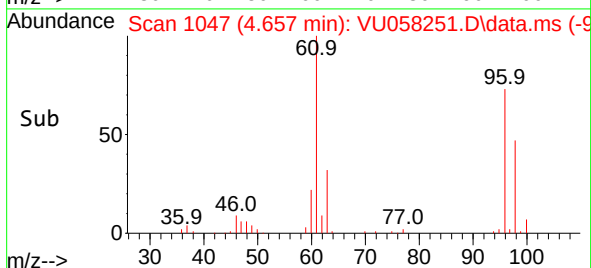
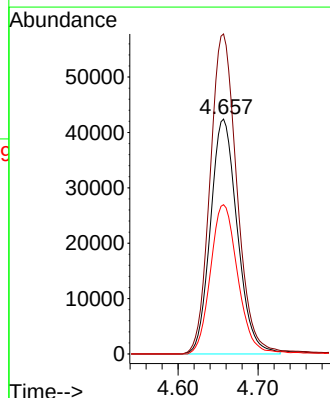
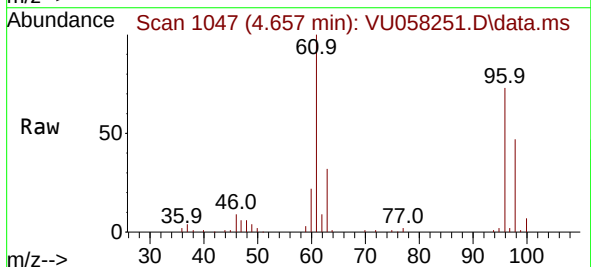
Instrument :
MSVOA_U
ClientSampleId :
DCOC5

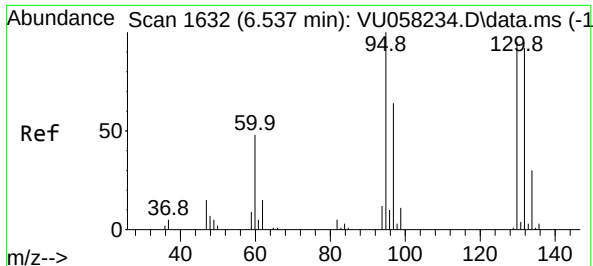
Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 133.4 102.5 190.3
98 66.2 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 21.162 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

Tgt Ion: 96 Resp: 98898
Ion Ratio Lower Upper
96 100
61 136.3 92.8 172.4
98 63.5 43.2 80.2



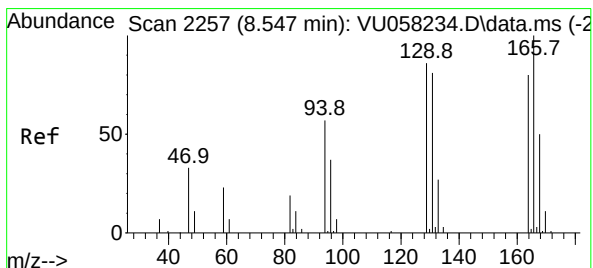
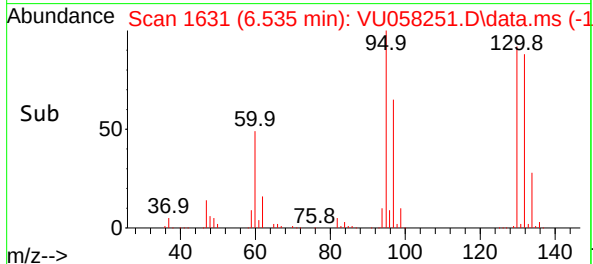
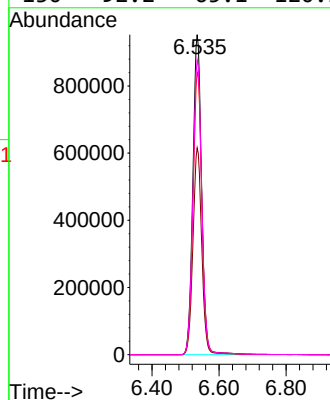
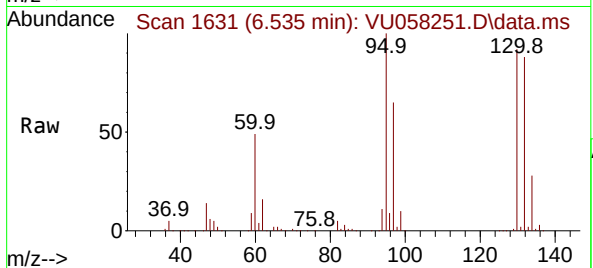


#34
Trichloroethene
Concen: 360.485 ug/L
RT: 6.535 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

Instrument :
MSVOA_U
ClientSampleId :
DCOC5

Tgt Ion: 95 Resp: 1736775

Ion	Ratio	Lower	Upper
95	100		
97	64.6	47.7	88.7
132	88.3	63.6	118.2
130	92.2	65.1	120.9



#47
Tetrachloroethene
Concen: 217.041 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058251.D
Acq: 28 Mar 2024 19:50

Tgt Ion: 164 Resp: 700397

Ion	Ratio	Lower	Upper
164	100		
129	104.0	71.3	132.3
131	100.4	70.8	131.4
166	127.4	90.9	168.9

