

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046949.D
 Acq On : 01 Feb 2022 04:27
 Operator : SY/MD
 Sample : N1273-10 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/01/2022

Quant Time: Feb 01 05:18:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49559	5.742	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.800%			
7) Chloroethane-d5	1.922	69	40322	5.929	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.600%			
11) 1,1-Dichloroethene-d2	2.575	65	19313	5.625	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.400%			
20) 2-Butanone-d5	4.655	46	117722	46.037	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.080%			
24) Chloroform-d	5.070	84	79236	5.229	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.706	65	45097	5.465	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.400%			
32) Benzene-d6	5.732	84	152876	4.495	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.693	67	50893	4.984	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.902	98	115024	3.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	8.182	79	18528	4.131	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.600%			
46) 2-Hexanone-d5	8.639	63	118243	44.529	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.060%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48733	4.753	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	40877	4.714	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.200%			
Target Compounds						
12) 1,1-Dichloroethene	2.588	96	20612	3.624	ug/L #	78
19) 1,1-Dichloroethane	3.880	63	5477	0.530	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	26004	4.001	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	1013m	0.097	ug/L	
34) Trichloroethene	6.546	95	60151	8.503	ug/L	96
47) Tetrachloroethene	8.555	164	182977	31.804	ug/L	96

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

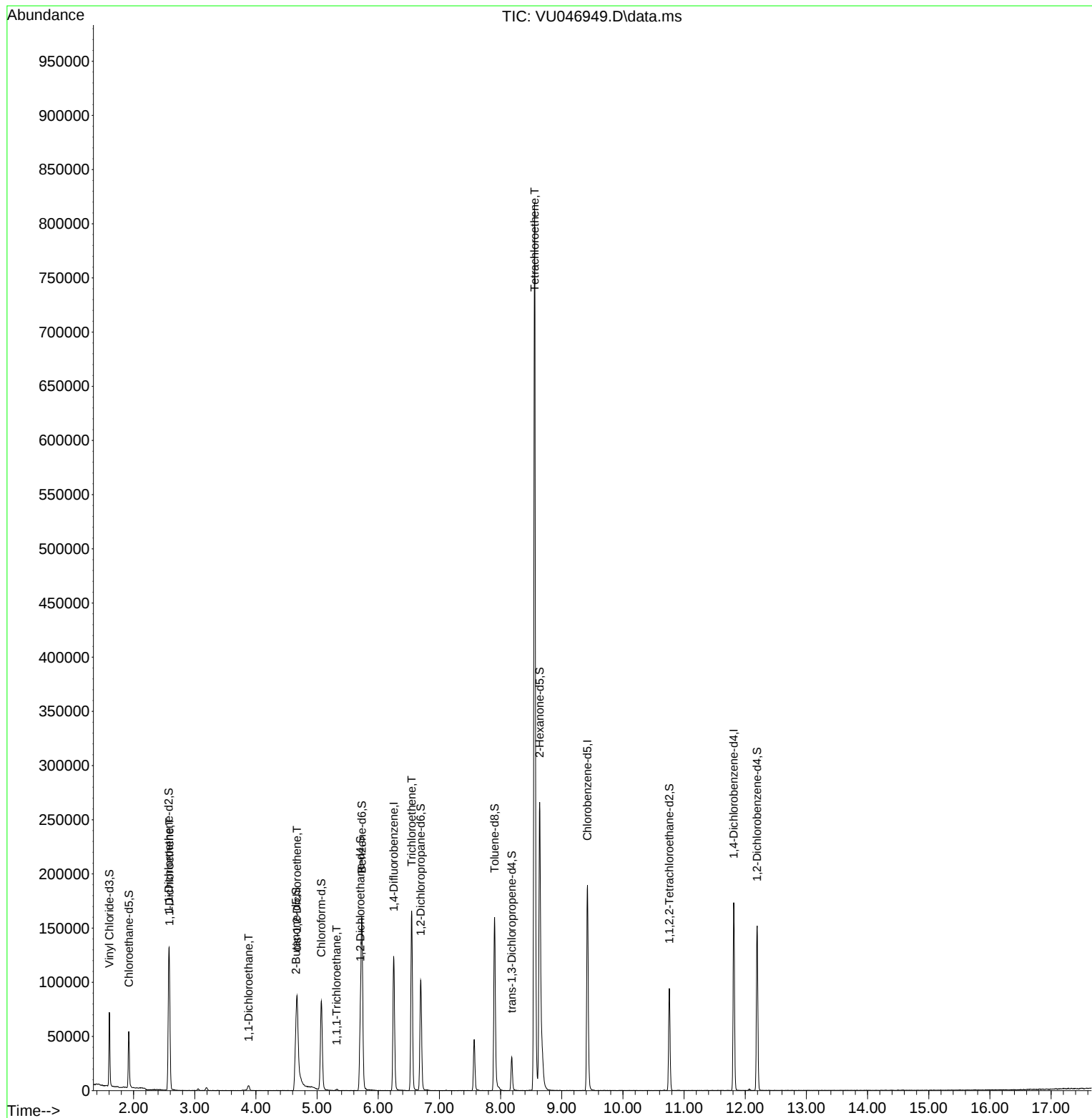
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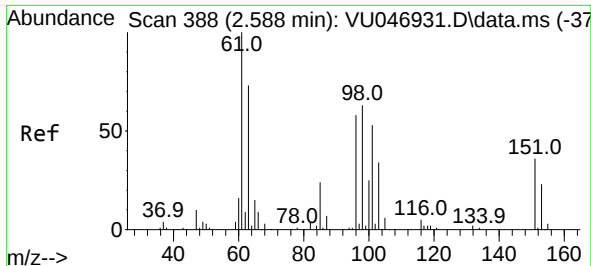
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#12

1,1-Dichloroethene

Concen: 3.624 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046949.D

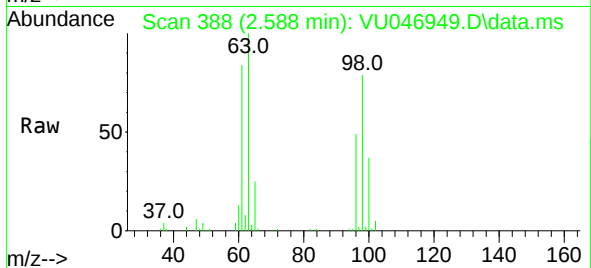
Acq: 01 Feb 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

C0HK9



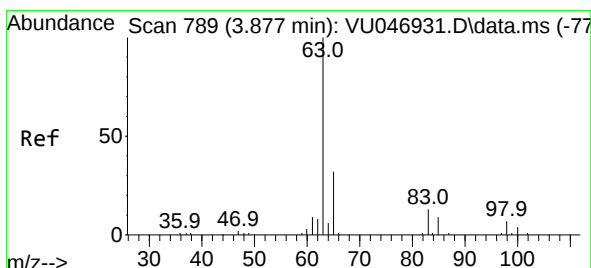
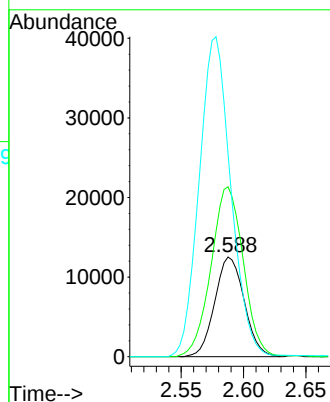
Tgt Ion:	96	Resp:	2061
Ion	Ratio	Lower	Upper
96	100		
61	170.6	124.7	231.5
63	203.8	105.2	195.4

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#19

1,1-Dichloroethane

Concen: 0.530 ug/L

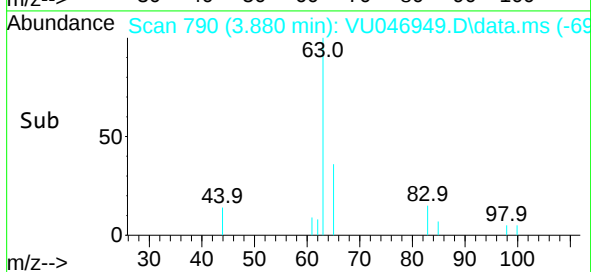
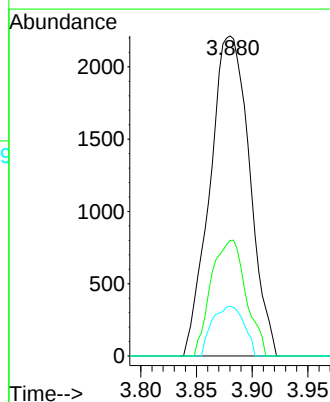
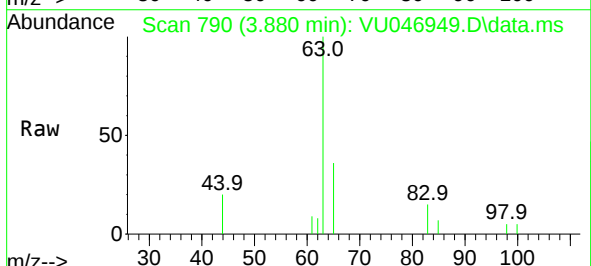
RT: 3.880 min Scan# 790

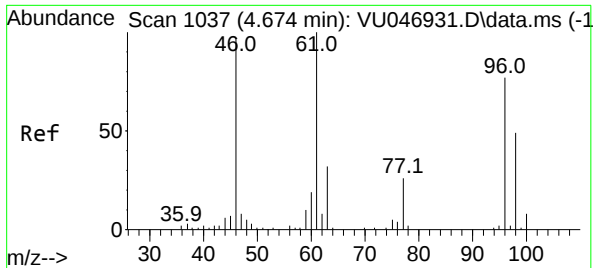
Delta R.T. 0.003 min

Lab File: VU046949.D

Acq: 01 Feb 2022 04:27

Tgt Ion:	63	Resp:	5477
Ion	Ratio	Lower	Upper
63	100		
65	36.1	22.3	41.5
83	15.5	9.6	17.8





#22

cis-1,2-Dichloroethene

Concen: 4.001 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046949.D

Acq: 01 Feb 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

C0HK9

Tgt Ion: 96 Resp: 26004

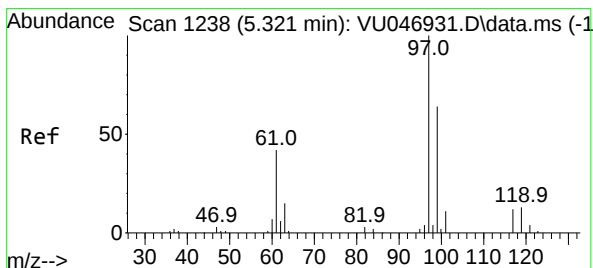
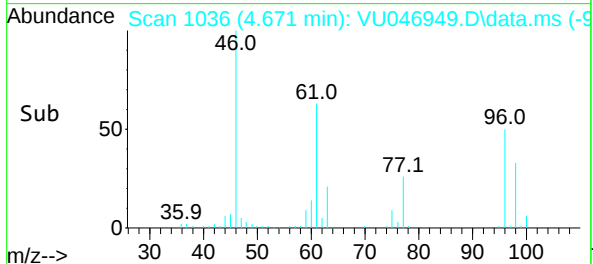
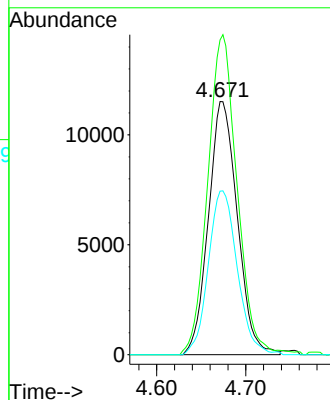
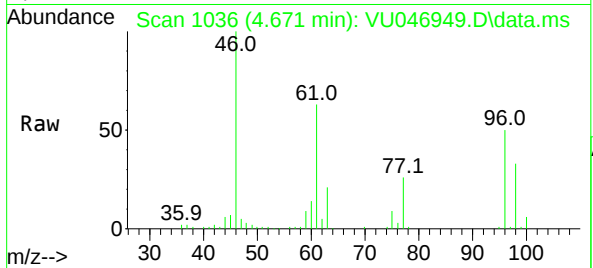
Ion	Ratio	Lower	Upper
96	100		
61	124.4	88.5	164.3
98	64.6	44.4	82.5

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#29

1,1,1-Trichloroethane

Concen: 0.097 ug/L m

RT: 5.317 min Scan# 1237

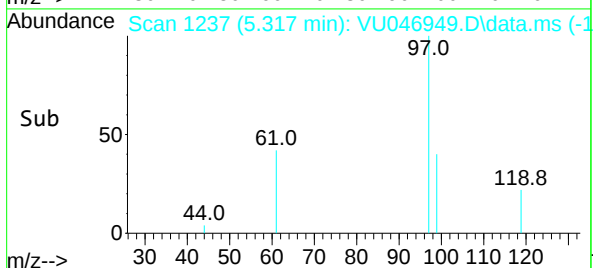
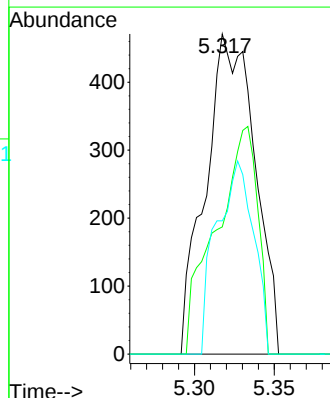
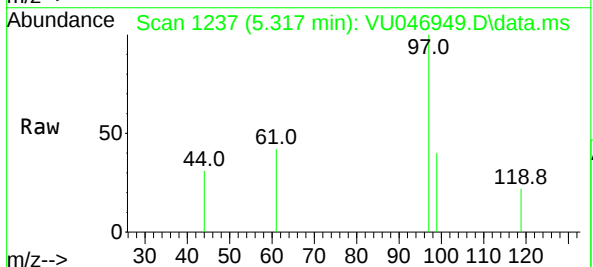
Delta R.T. -0.003 min

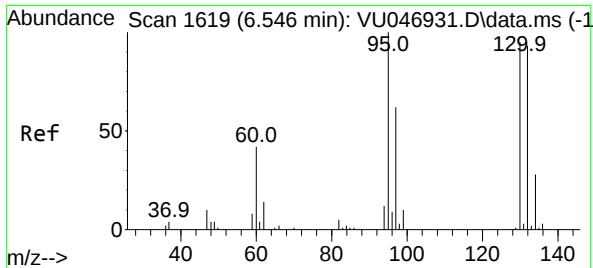
Lab File: VU046949.D

Acq: 01 Feb 2022 04:27

Tgt Ion: 97 Resp: 1013

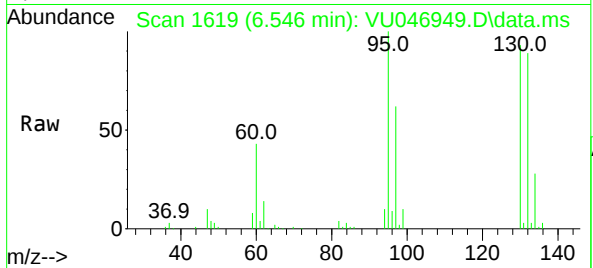
Ion	Ratio	Lower	Upper
97	100		
99	60.0	51.3	76.9
61	45.2	36.1	54.1





#34
Trichloroethene
Concen: 8.503 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046949.D
Acq: 01 Feb 2022 04:27

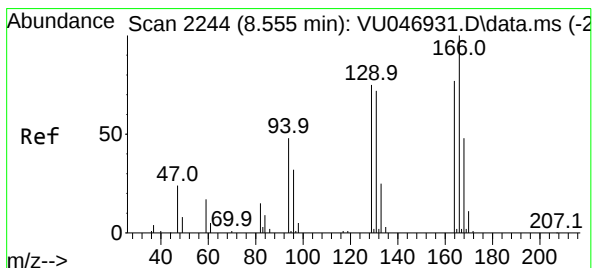
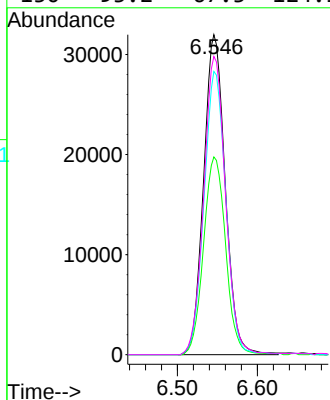
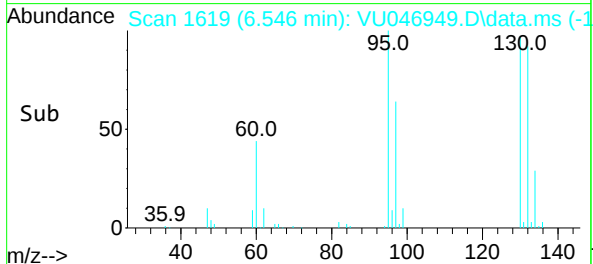
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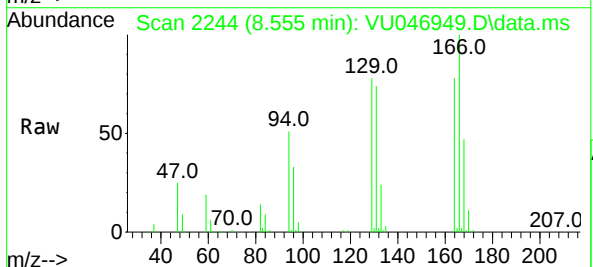
Tgt Ion: 95 Resp: 6015
Ion Ratio Lower Upper
95 100
97 61.8 46.5 86.5
132 88.5 65.1 120.9
130 93.2 67.3 124.9

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Supervised By :Mahesh Dadoda 02/01/2022



#47
Tetrachloroethene
Concen: 31.804 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046949.D
Acq: 01 Feb 2022 04:27



Tgt Ion:164 Resp: 182977
Ion Ratio Lower Upper
164 100
129 99.6 71.8 133.4
131 94.3 68.5 127.3
166 128.0 94.1 174.8

