

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029565.D
 Acq On : 10 Dec 2022 08:59
 Operator : SY/MD
 Sample : N5929-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ97DL

Quant Time: Dec 12 00:03:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

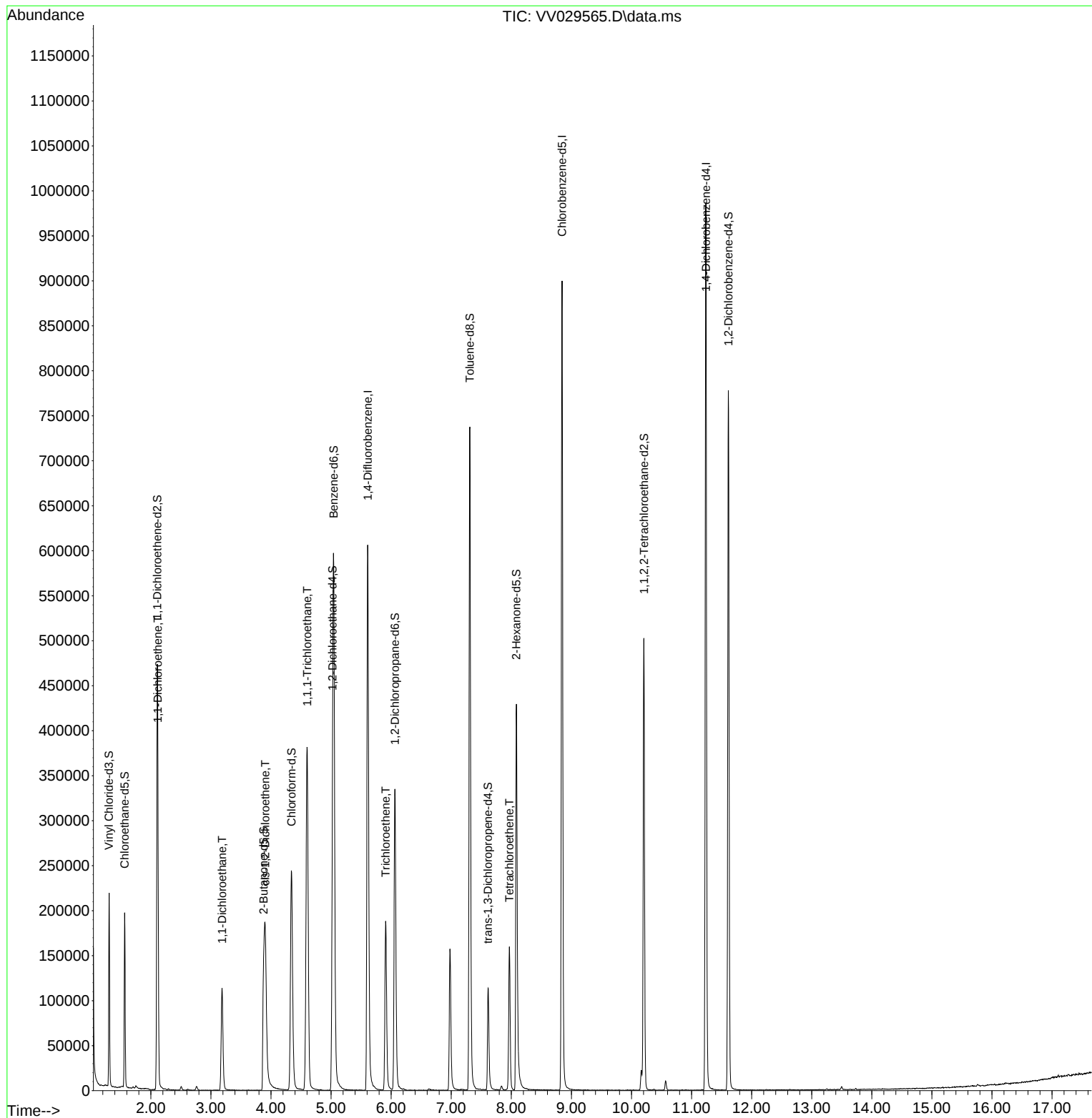
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	560783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	517210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	264202	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136873	39.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.720%
7) Chloroethane-d5	1.564	69	120120	45.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.740%
11) 1,1-Dichloroethene-d2	2.108	63	212122	39.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.200%
21) 2-Butanone-d5	3.876	46	202043	96.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.450%
24) Chloroform-d	4.339	84	269232	41.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	5.024	65	160747	43.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
32) Benzene-d6	5.043	84	577036	42.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
36) 1,2-Dichloropropane-d6	6.063	67	174911	41.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	7.310	98	519468	40.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	7.612	79	70386	33.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.780%
47) 2-Hexanone-d5	8.085	63	164487	92.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.270%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	249411	41.810	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.620%
66) 1,2-Dichlorobenzene-d4	11.612	152	208989	41.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	65231	21.762	ug/L	# 70
19) 1,1-Dichloroethane	3.185	63	117617	19.878	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	73658	19.394	ug/L	91
30) 1,1,1-Trichloroethane	4.603	97	321198	57.001	ug/L	99
34) Trichloroethene	5.908	95	67530	18.485	ug/L	99
46) Tetrachloroethene	7.966	164	37658	12.821	ug/L	95

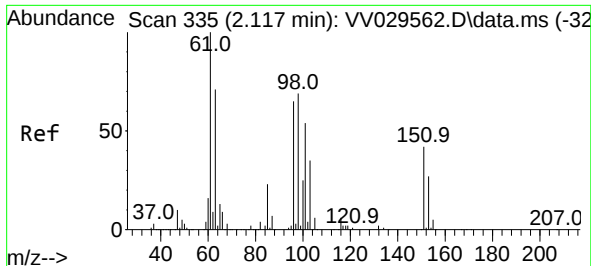
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 59 Sample Multiplier: 1

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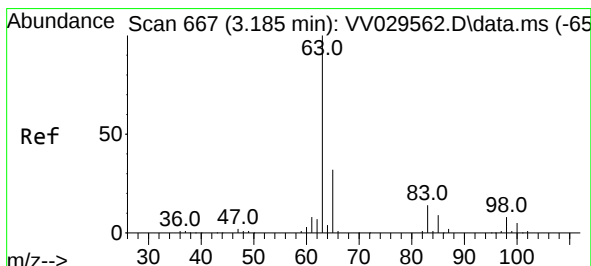
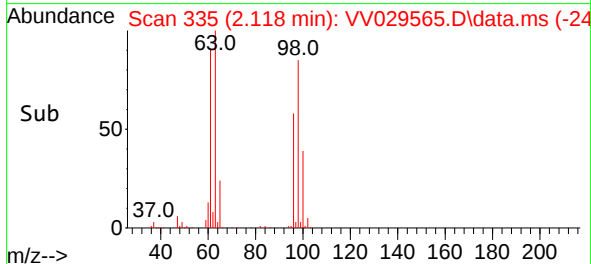
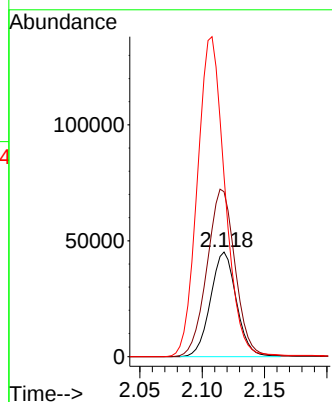
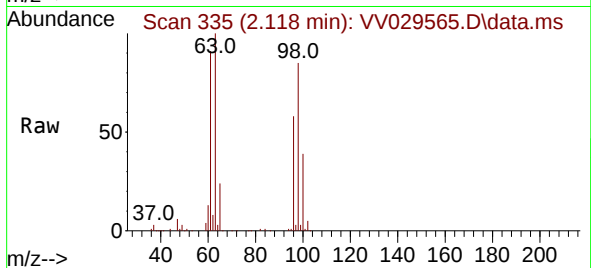




#12
 1,1-Dichloroethene
 Concen: 21.762 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV029565.D
 Acq: 10 Dec 2022 08:59

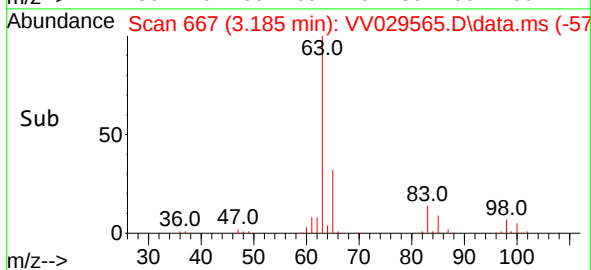
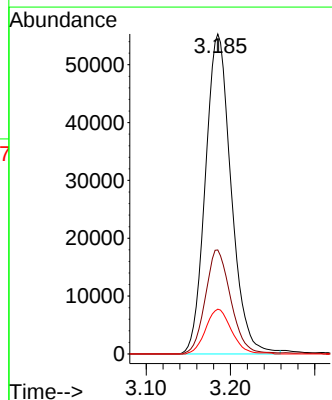
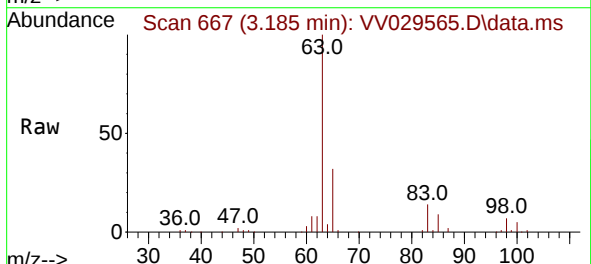
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ97DL

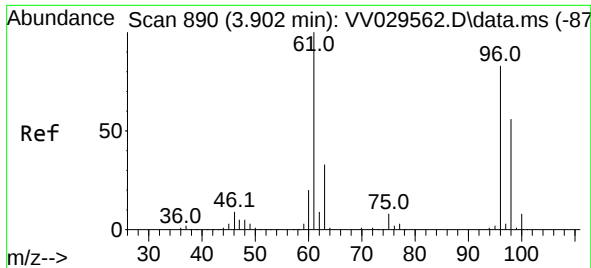
Tgt Ion: 96 Resp: 65231
 Ion Ratio Lower Upper
 96 100
 61 157.6 103.3 191.9
 63 172.4 77.3 143.7#



#19
 1,1-Dichloroethane
 Concen: 19.878 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV029565.D
 Acq: 10 Dec 2022 08:59

Tgt Ion: 63 Resp: 117617
 Ion Ratio Lower Upper
 63 100
 65 32.5 22.5 41.7
 83 14.0 10.4 19.2

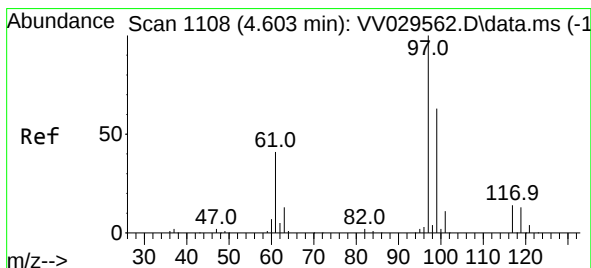
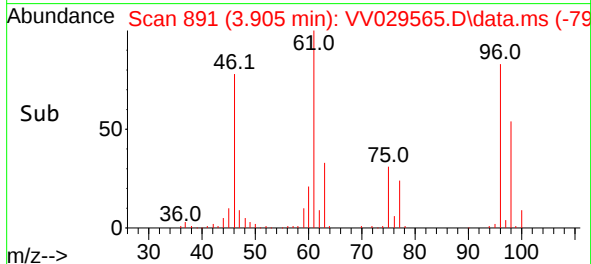
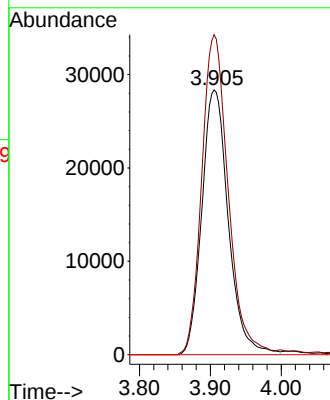
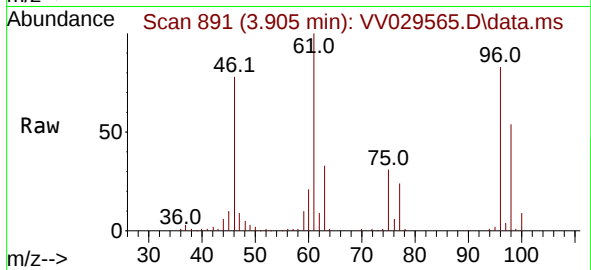




#20
 cis-1,2-Dichloroethene
 Concen: 19.394 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029565.D
 Acq: 10 Dec 2022 08:59

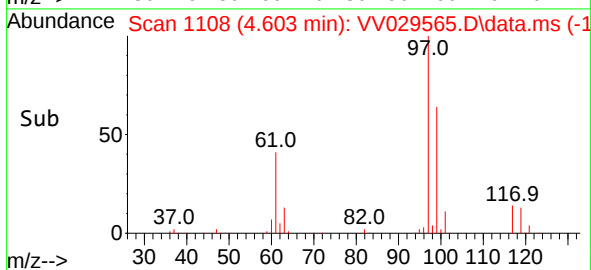
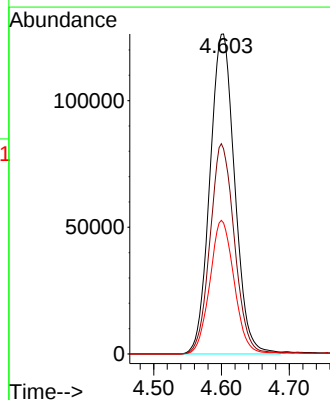
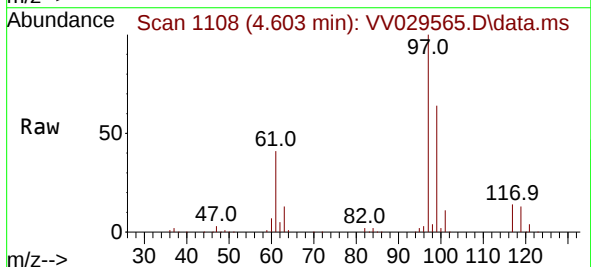
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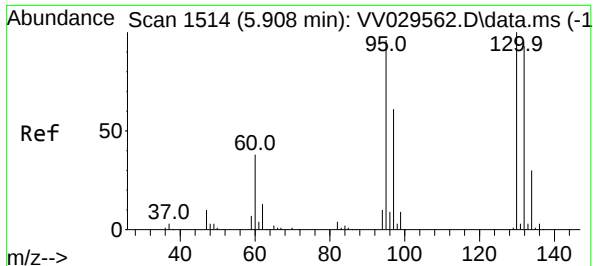
Tgt Ion: 96 Resp: 73658
 Ion Ratio Lower Upper
 96 100
 61 120.8 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 57.001 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: VV029565.D
 Acq: 10 Dec 2022 08:59

Tgt Ion: 97 Resp: 321198
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 40.8 31.8 47.8



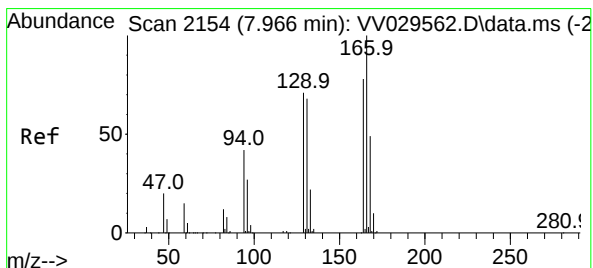
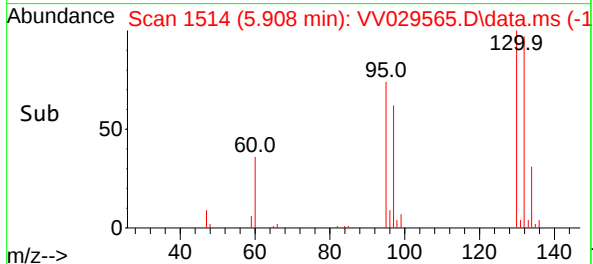
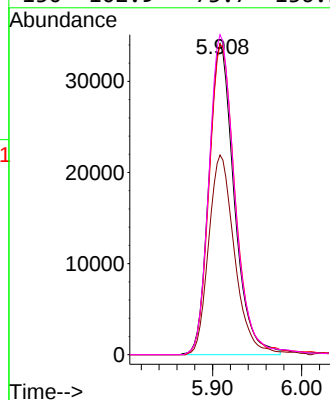
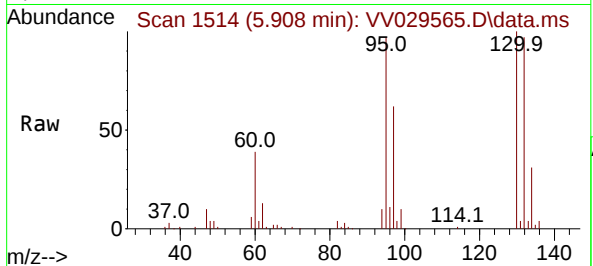


#34
Trichloroethene
Concen: 18.485 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029565.D
Acq: 10 Dec 2022 08:59

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 67530

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.0	81.8
132	99.8	69.9	129.9
130	102.9	73.7	136.9



#46
Tetrachloroethene
Concen: 12.821 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029565.D
Acq: 10 Dec 2022 08:59

Tgt Ion: 164 Resp: 37658

Ion	Ratio	Lower	Upper
164	100		
129	87.8	65.3	121.3
131	84.4	63.1	117.1
166	125.6	90.8	168.6

