

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030423.D
 Acq On : 05 Aug 2022 12:38
 Operator : JC/MD
 Sample : N4003-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D61

Quant Time: Aug 06 00:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

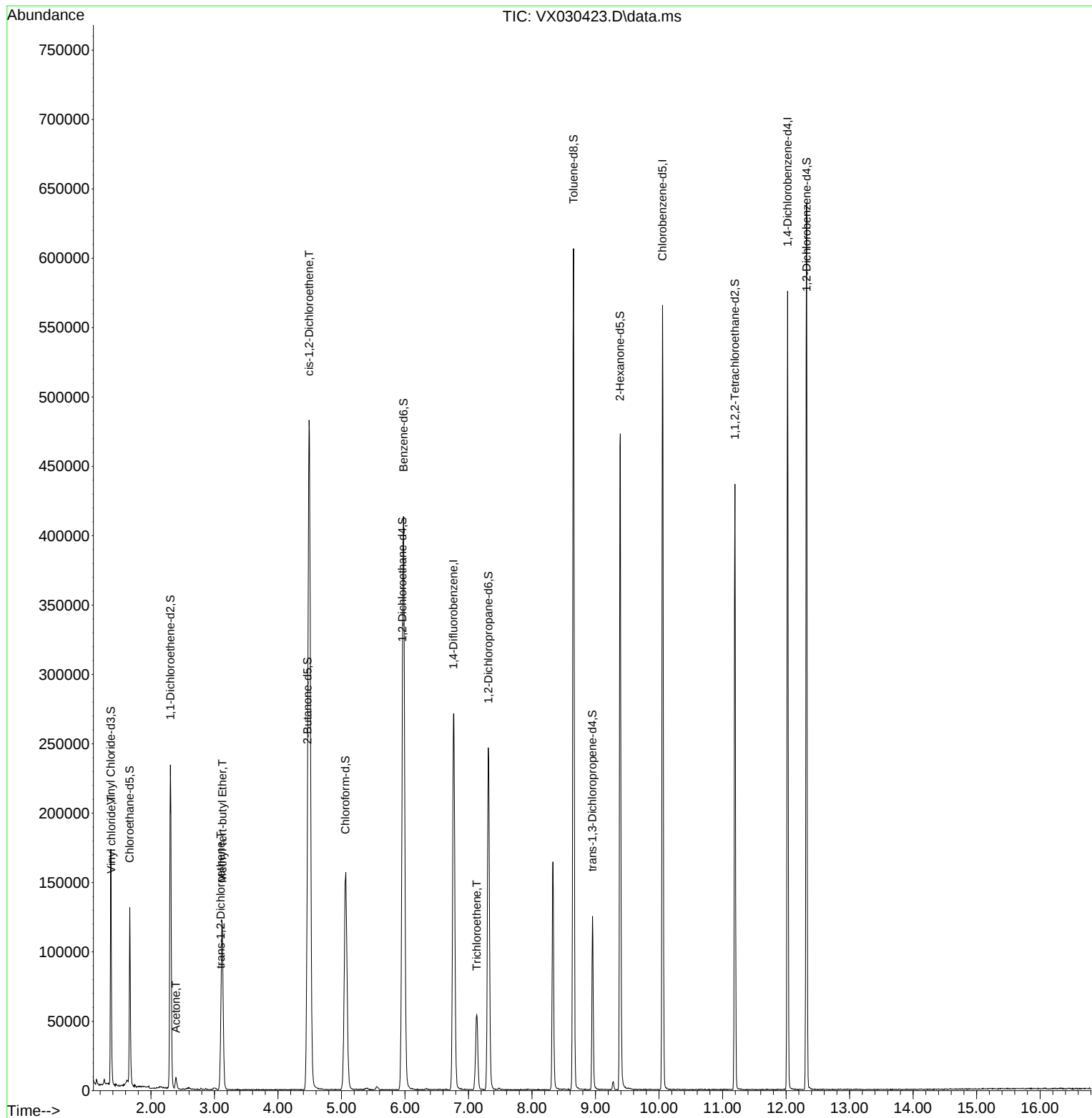
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	270174	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239618	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92485	53.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.620%	
7) Chloroethane-d5	1.666	69	73203	59.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 119.700%	
11) 1,1-Dichloroethene-d2	2.306	63	133422	40.653	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 81.300%	
21) 2-Butanone-d5	4.465	46	198633	123.561	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 123.560%	
24) Chloroform-d	5.062	84	192312	53.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.700%	
26) 1,2-Dichloroethane-d4	5.958	65	137913	56.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.740%	
32) Benzene-d6	5.977	84	384758	56.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.120%	
36) 1,2-Dichloropropane-d6	7.312	67	125465	56.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 112.680%	
41) Toluene-d8	8.653	98	347373	53.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.380%	
43) trans-1,3-Dichloroprop...	8.952	79	56436	50.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.880%	
47) 2-Hexanone-d5	9.384	63	133048	117.213	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 117.210%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165092	56.433	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.860%	
66) 1,2-Dichlorobenzene-d4	12.323	152	119424	58.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 116.740%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.374	62	18716	10.023	ug/L	94
13) Acetone	2.392	43	9373	7.955	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	3583	2.045	ug/L	74
18) Methyl tert-butyl Ether	3.123	73	126501	21.233	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	261074	132.475	ug/L	100
34) Trichloroethene	7.129	95	19514	8.770	ug/L	85

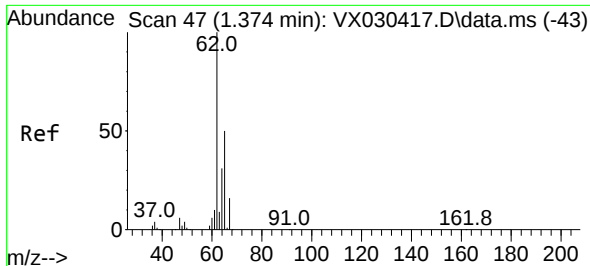
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

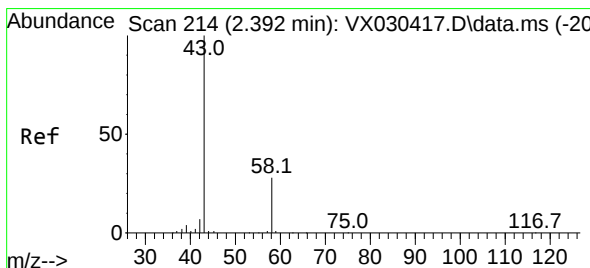
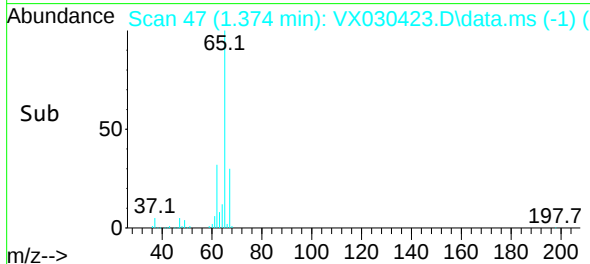
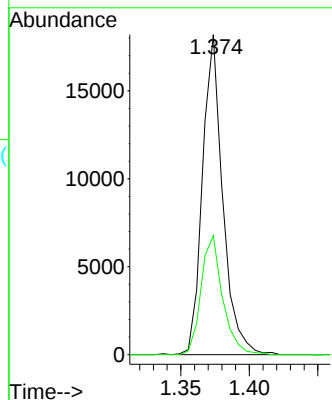
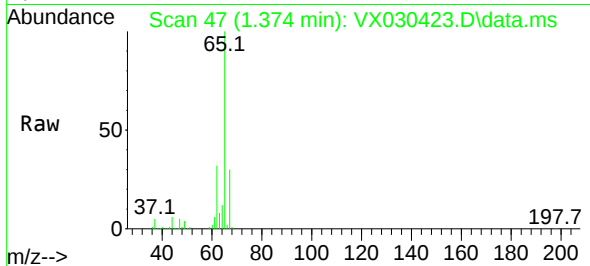




#5
 Vinyl chloride
 Concen: 10.023 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030423.D
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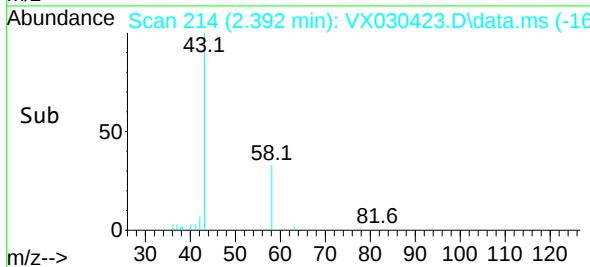
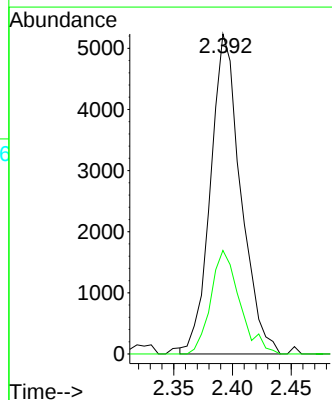
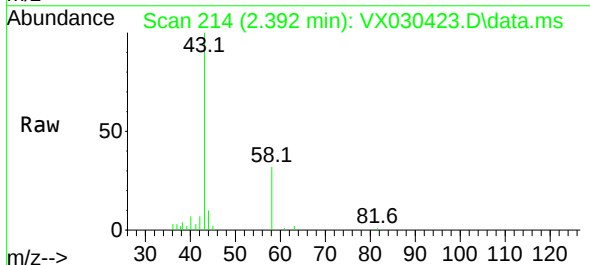
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D61

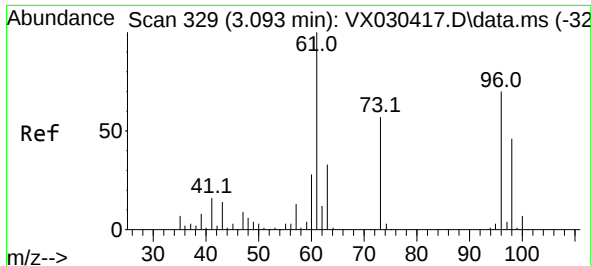
Tgt Ion: 62 Resp: 18716
 Ion Ratio Lower Upper
 62 100
 64 37.2 23.8 44.2



#13
 Acetone
 Concen: 7.955 ug/L
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX030423.D
 Acq: 05 Aug 2022 12:38

Tgt Ion: 43 Resp: 9373
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 57.8





#17

trans-1,2-Dichloroethene

Concen: 2.045 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX030423.D

Acq: 05 Aug 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

F5D61

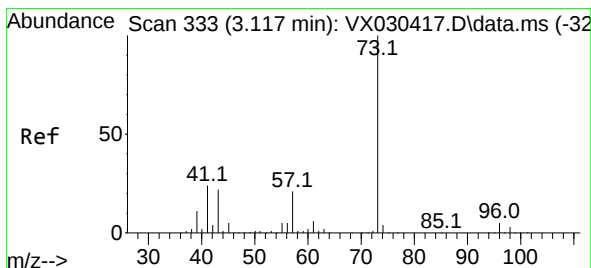
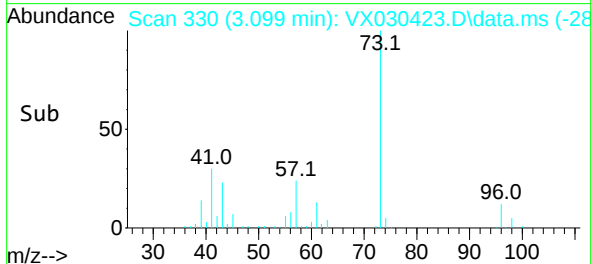
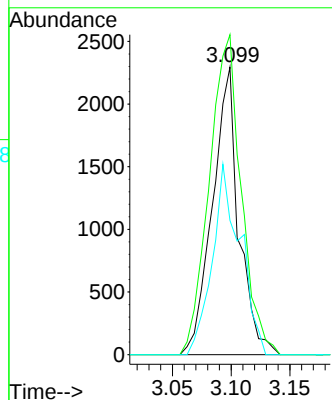
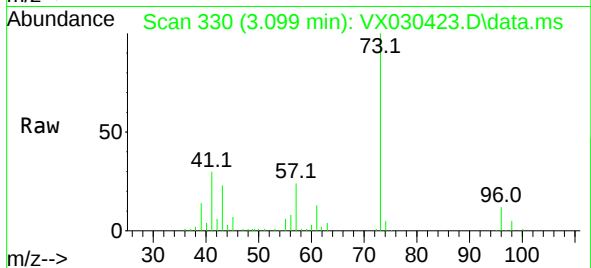
Tgt Ion: 96 Resp: 3583

Ion Ratio Lower Upper

96 100

61 111.3 103.7 192.5

98 46.7 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 21.233 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX030423.D

Acq: 05 Aug 2022 12:38

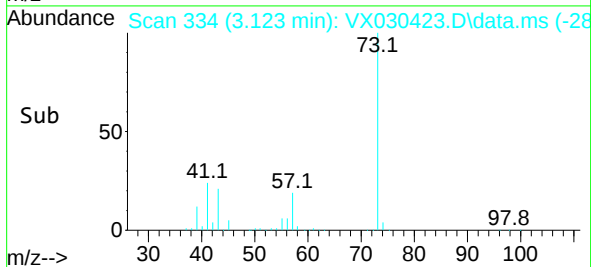
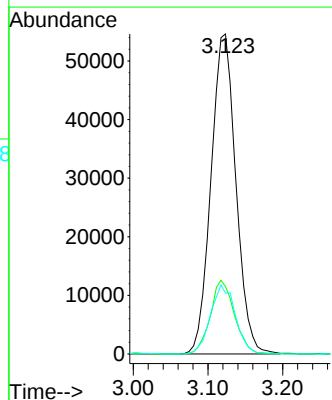
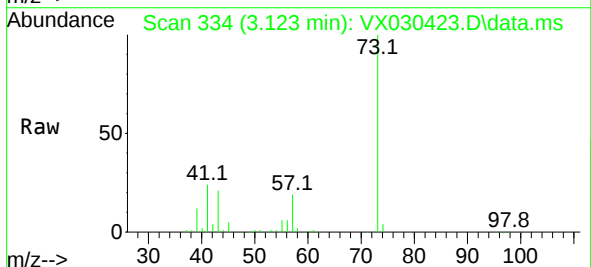
Tgt Ion: 73 Resp: 126501

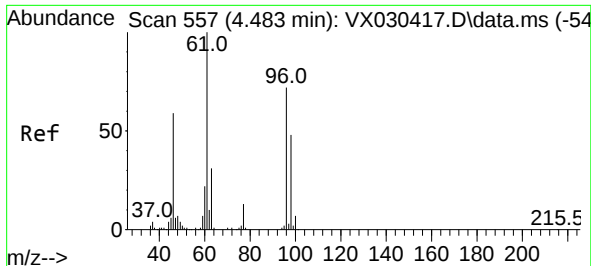
Ion Ratio Lower Upper

73 100

43 22.3 17.6 26.4

57 21.6 17.5 26.3

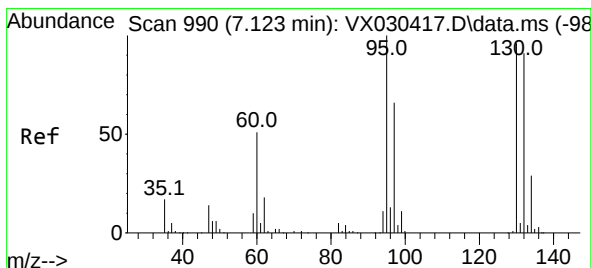
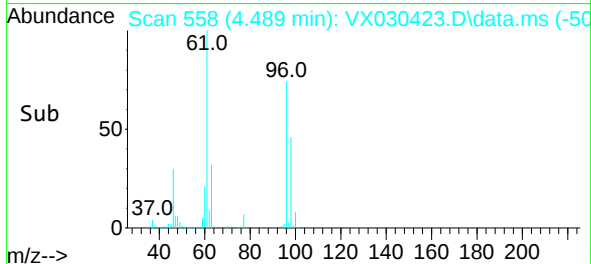
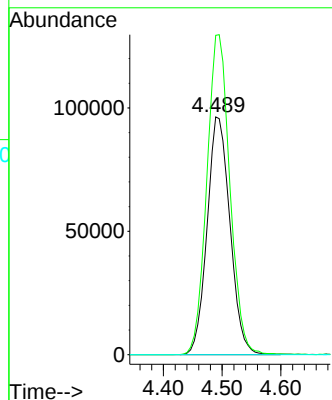
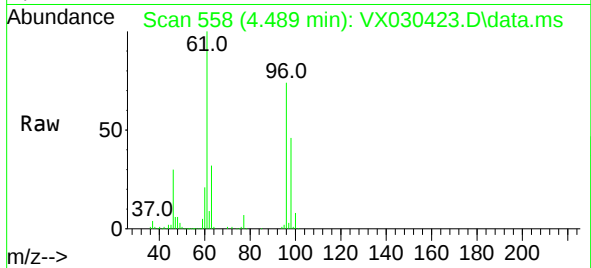




#20
 cis-1,2-Dichloroethene
 Concen: 132.475 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030423.D
 Acq: 05 Aug 2022 12:38

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 MSVOA_X
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 F5D61

Tgt Ion: 96 Resp: 261074
 Ion Ratio Lower Upper
 96 100
 61 134.3 94.0 174.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 8.770 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX030423.D
 Acq: 05 Aug 2022 12:38

Tgt Ion: 95 Resp: 19514
 Ion Ratio Lower Upper
 95 100
 97 70.4 40.2 74.6
 132 88.1 55.3 102.7
 130 99.6 58.9 109.5

