

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022194.D
 Acq On : 17 Sep 2021 18:41
 Operator : SY/MD
 Sample : M3676-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CE1

Manual Integrations
 APPROVED

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 9/20/2021 12:19:09 PM

Quant Time: Sep 18 02:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	291810	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	276779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	122570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69508	34.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.800%		
7) Chloroethane-d5	1.568	69	67500	42.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.540%		
11) 1,1-Dichloroethene-d2	2.105	63	119318	35.702	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.400%		
21) 2-Butanone-d5	3.899	46	151702	109.460	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.460%		
24) Chloroform-d	4.352	84	177561	48.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.380%		
26) 1,2-Dichloroethane-d4	5.034	65	113026	52.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.160%		
32) Benzene-d6	5.053	84	359775	47.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.840%		
36) 1,2-Dichloropropane-d6	6.072	67	118065	50.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.020%		
41) Toluene-d8	7.320	98	316290	44.632	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.260%		
43) trans-1,3-Dichloroprop...	7.625	79	46025	40.959	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.920%		
47) 2-Hexanone-d5	8.091	63	88473	97.666	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.670%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	158029	52.264	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.520%		
66) 1,2-Dichlorobenzene-d4	11.628	152	122673	50.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.820%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	11367	6.753	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	5299	1.462	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	17582	7.762	ug/L	100
22) 2-Butanone	4.005	43	15769m	9.661	ug/L	
30) 1,1,1-Trichloroethane	4.612	97	4885	1.485	ug/L #	89
34) Trichloroethene	5.915	95	181794	79.700	ug/L	98

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

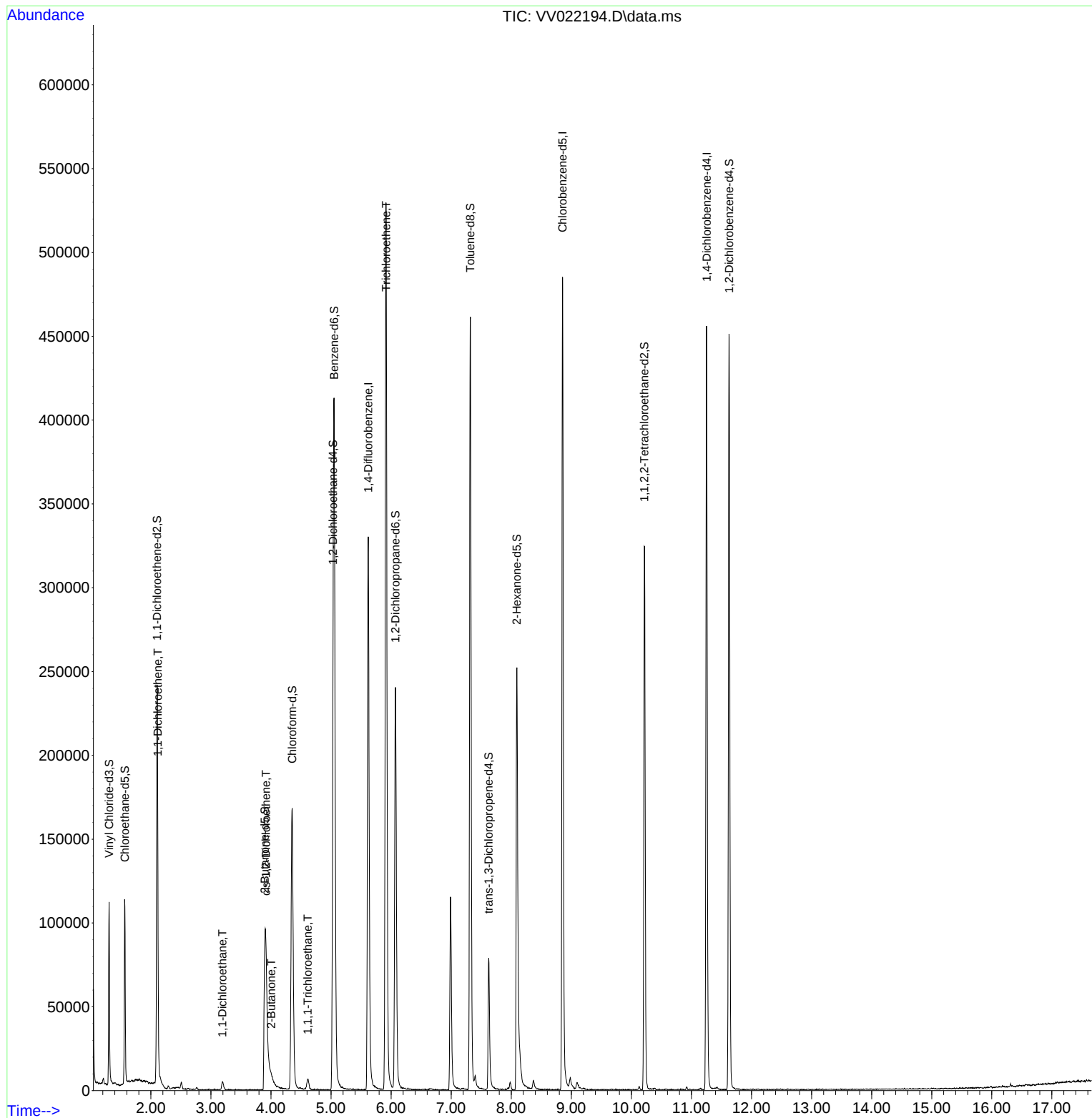
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
Data File : VV022194.D
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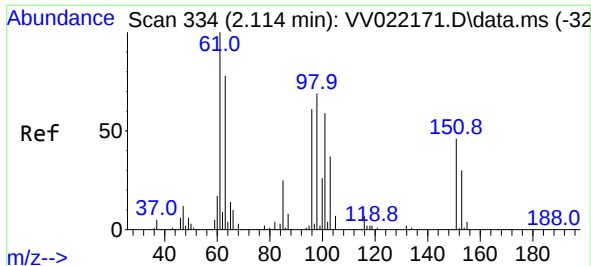
Instrument :
MSVOA_V
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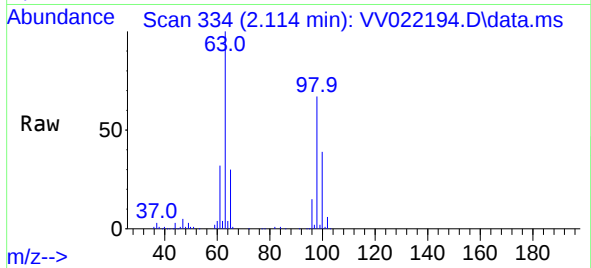
Quant Time: Sep 18 02:59:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 18 02:49:48 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 6.753 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

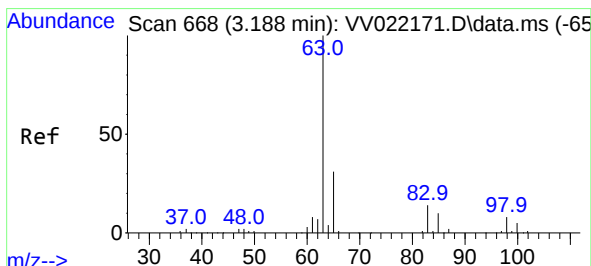
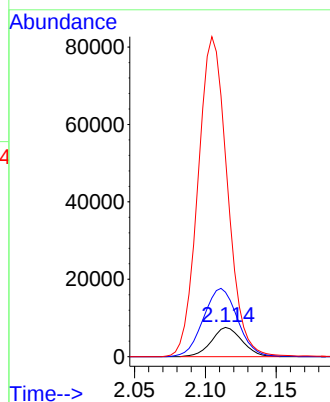
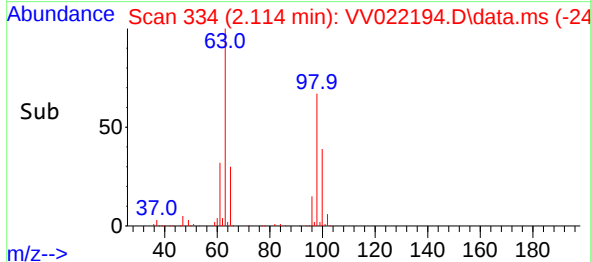
Instrument :
MSVOA_V
ClientSampled :
C0CE1



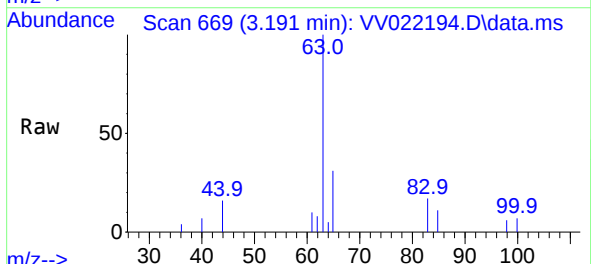
Tgt Ion: 96 Resp: 11367
Ion Ratio Lower Upper
96 100
61 219.9 113.2 210.2#
63 681.2 102.3 189.9#

Manual Integrations
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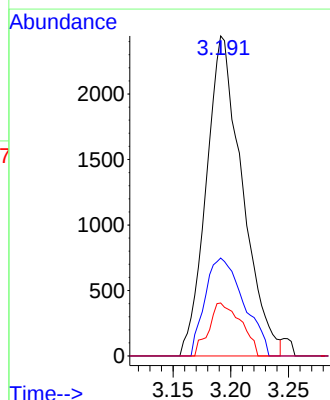
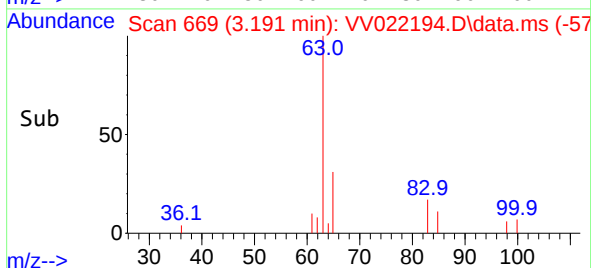
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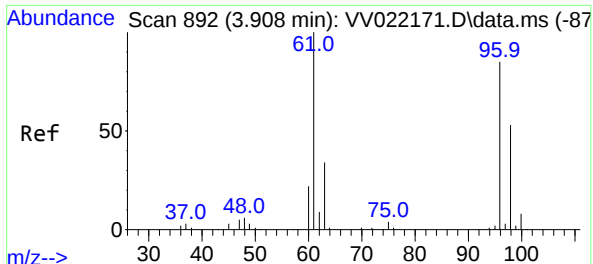


#19
1,1-Dichloroethane
Concen: 1.462 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41



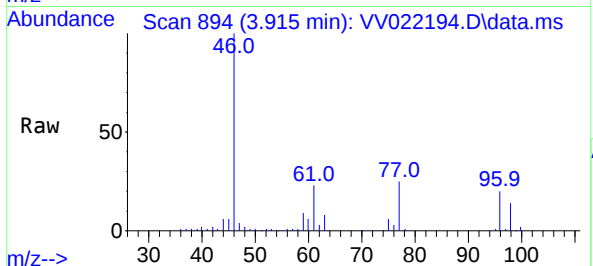
Tgt Ion: 63 Resp: 5299
Ion Ratio Lower Upper
63 100
65 30.6 22.2 41.2
83 16.5 9.7 17.9





#20
cis-1,2-Dichloroethene
Concen: 7.762 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

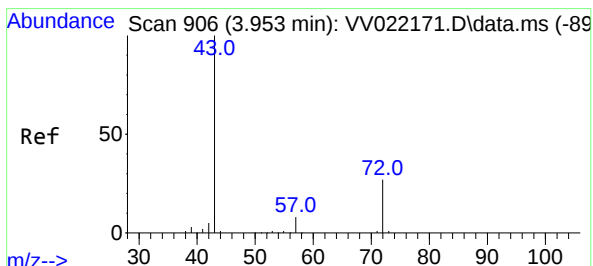
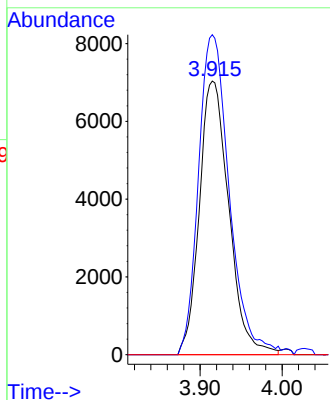
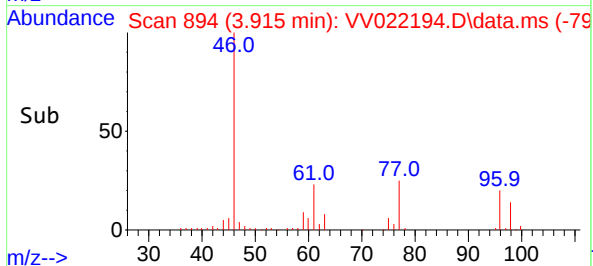
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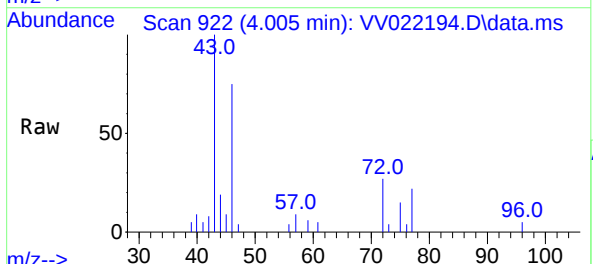
Tgt Ion: 96 Resp: 17582
Ion Ratio Lower Upper
96 100
61 116.9 81.8 152.0
68 0.0 0.0 0.0

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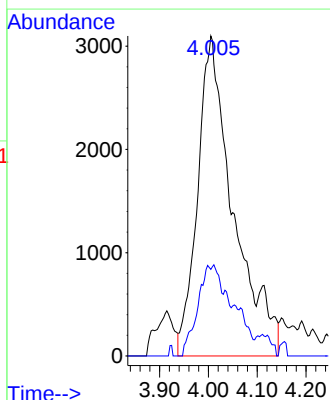
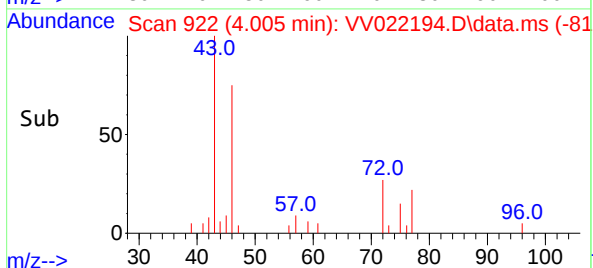
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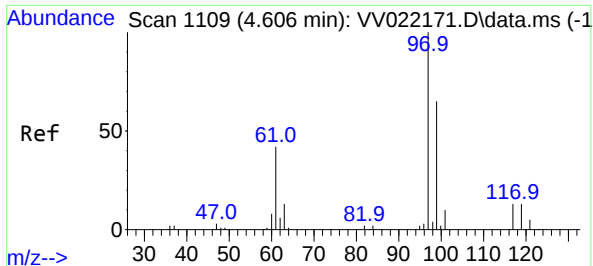


#22
2-Butanone
Concen: 9.661 ug/L m
RT: 4.005 min Scan# 922
Delta R.T. 0.051 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41



Tgt Ion: 43 Resp: 15769
Ion Ratio Lower Upper
43 100
72 10.8 13.3 39.8#





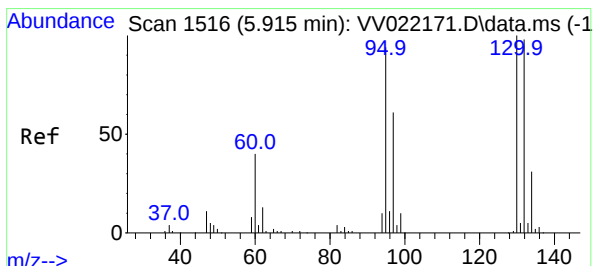
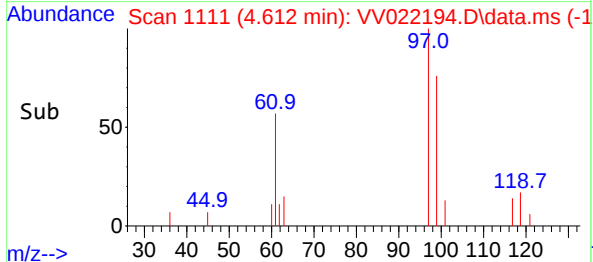
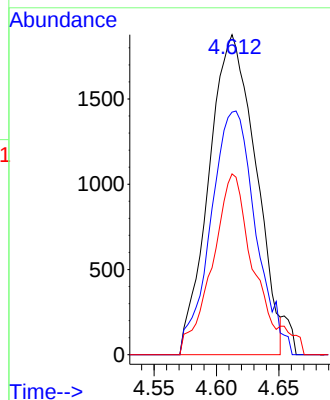
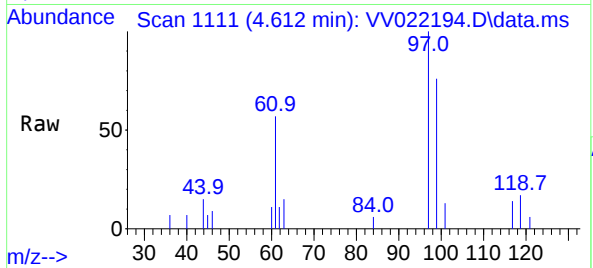
#30
1,1,1-Trichloroethane
Concen: 1.485 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

Tgt Ion: 97 Resp: 4885
Ion Ratio Lower Upper
97 100
99 72.9 52.0 78.0
61 48.2 31.8 47.8#

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ClientSampled :
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#34
Trichloroethene
Concen: 79.700 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022194.D
Acq: 17 Sep 2021 18:41

Tgt Ion: 95 Resp: 181794
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 101.6 70.7 131.3
130 104.2 74.8 139.0

