

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020515.D
 Acq On : 10 Mar 2021 23:00
 Operator : SY/MD
 Sample : M1632-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B59

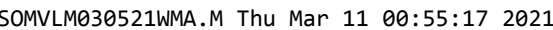
Quant Time: Mar 11 00:55:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

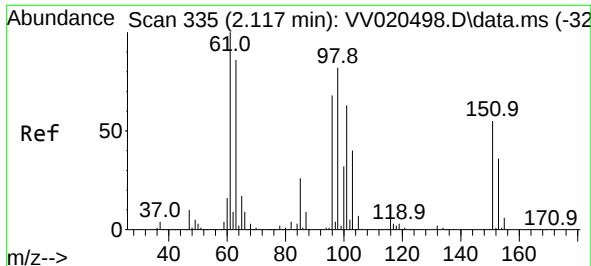
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	526143	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	516537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	253095	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	194452	50.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	100.84%		
7) Chloroethane-d5	1.568	69	151525	50.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.46%		
11) 1,1-Dichloroethene-d2	2.108	63	255781	39.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.72%		
21) 2-Butanone-d5	3.899	46	196542	100.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.63%		
24) Chloroform-d	4.352	84	327429	49.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.20%		
26) 1,2-Dichloroethane-d4	5.037	65	209678	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.36%		
32) Benzene-d6	5.053	84	687555	52.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.54%		
36) 1,2-Dichloropropane-d6	6.072	67	202041	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.60%		
41) Toluene-d8	7.320	98	646407	51.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.60%		
43) trans-1,3-Dichloroprop...	7.625	79	91984	49.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.10%		
47) 2-Hexanone-d5	8.095	63	129063	91.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.62%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	242512	46.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.96%		
64) 1,2-Dichlorobenzene-d4	11.632	152	288930	58.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.62%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2539	0.74	ug/L #	25
12) 1,1-Dichloroethene	2.117	96	17014	5.01	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	22866	6.17	ug/L	79
25) Chloroform	4.381	83	11953	1.81	ug/L	90
27) 1,2-Dichloroethane	5.050	62	3620	0.75	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	17074	3.04	ug/L #	91
34) Trichloroethene	5.918	95	238819	59.19	ug/L	86
39) cis-1,3-Dichloropropene	6.989	75	5487	1.07	ug/L #	67
59) 1,2,3-Trichloropropane	11.255	75	24154	5.32	ug/L	89

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

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QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration

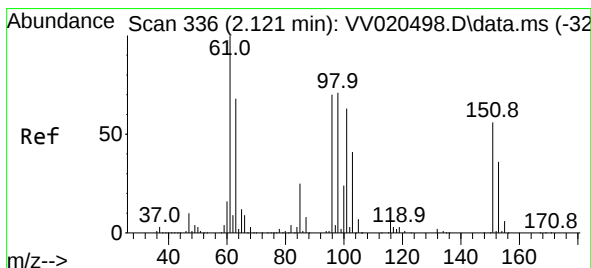
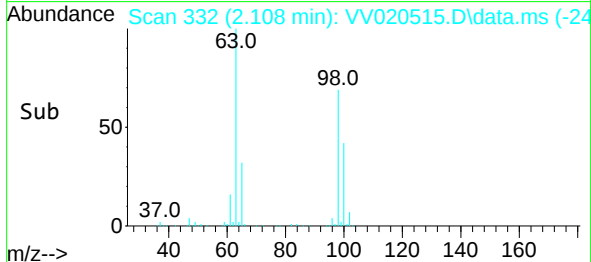
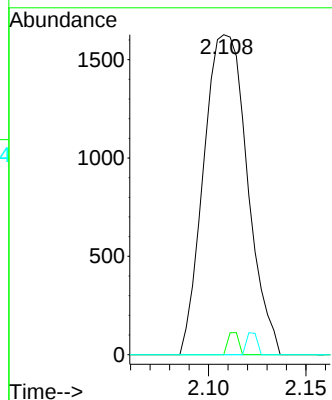
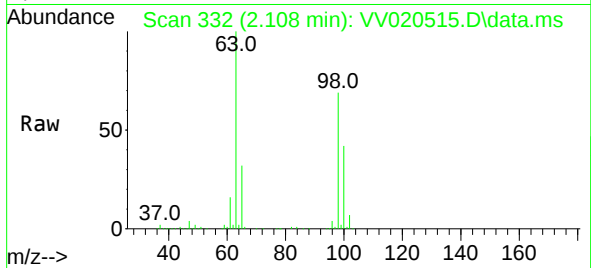




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.74 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV020515.D
 Acq: 10 Mar 2021 23:00

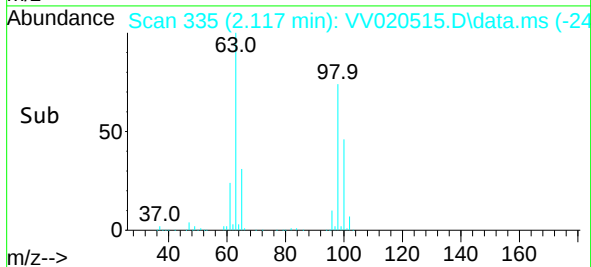
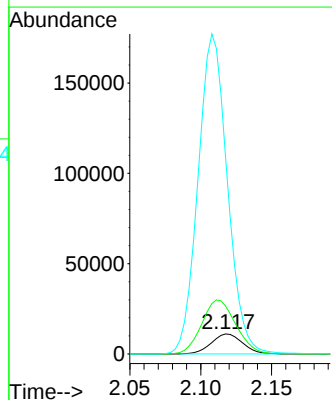
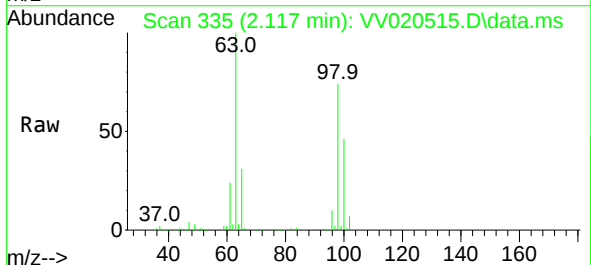
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B59

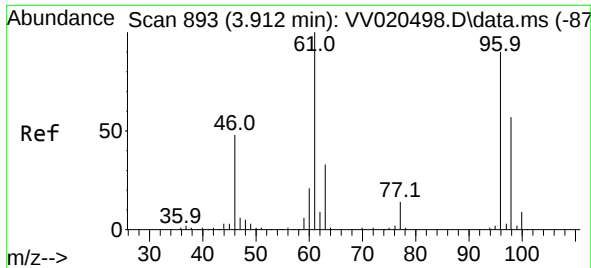
Tgt Ion:101 Resp: 2539
 Ion Ratio Lower Upper
 101 100
 85 1.7 35.3 52.9#
 151 1.7 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 5.01 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020515.D
 Acq: 10 Mar 2021 23:00

Tgt Ion: 96 Resp: 17014
 Ion Ratio Lower Upper
 96 100
 61 240.0 134.9 250.5
 63 989.2 117.6 218.4#

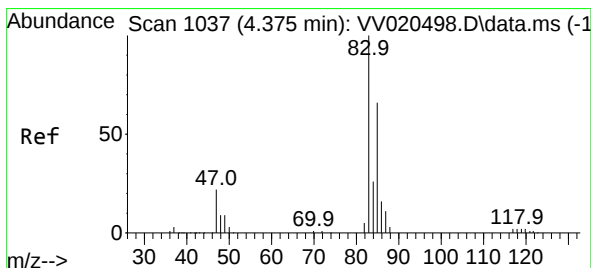
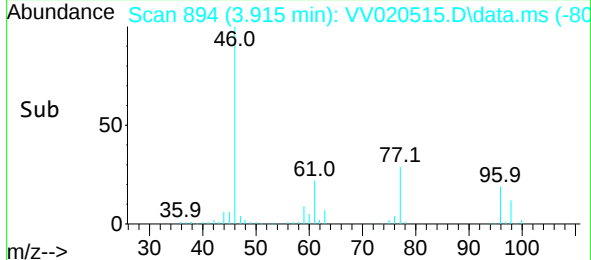
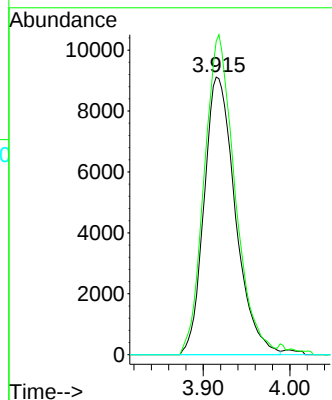
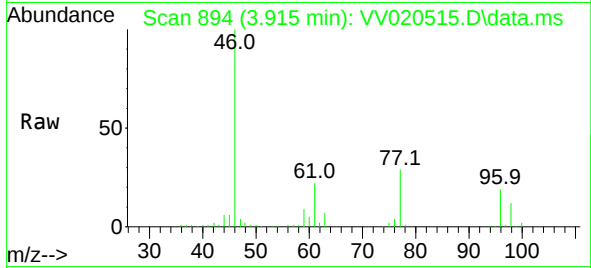




#20
cis-1,2-Dichloroethene
Concen: 6.17 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020515.D
Acq: 10 Mar 2021 23:00

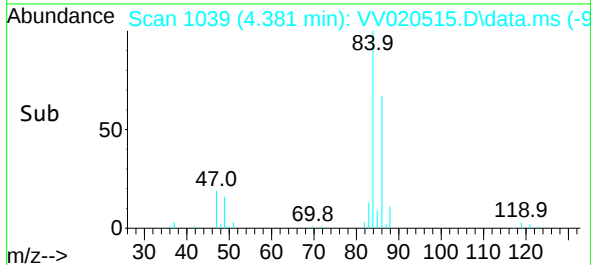
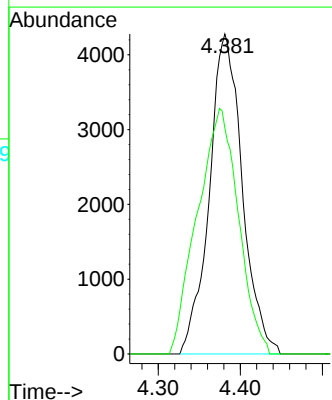
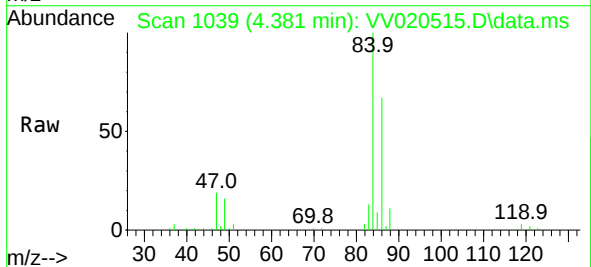
Instrument :
MSVOA_V
ClientSampleId :
C0B59

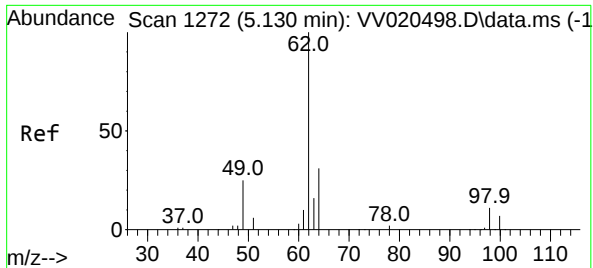
Tgt Ion: 96 Resp: 22866
Ion Ratio Lower Upper
96 100
61 112.9 96.9 179.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.81 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020515.D
Acq: 10 Mar 2021 23:00

Tgt Ion: 83 Resp: 11953
Ion Ratio Lower Upper
83 100
85 70.7 44.2 82.2





#27

1,2-Dichloroethane

Concen: 0.75 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV020515.D

Acq: 10 Mar 2021 23:00

Tgt Ion: 62 Resp: 3620

Ion Ratio Lower Upper

62 100

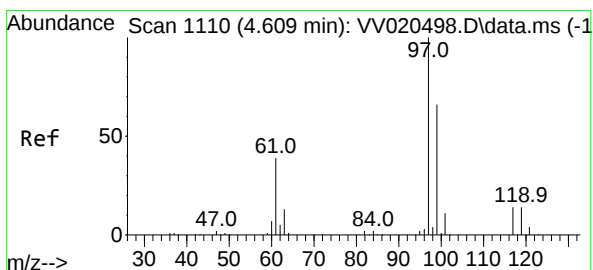
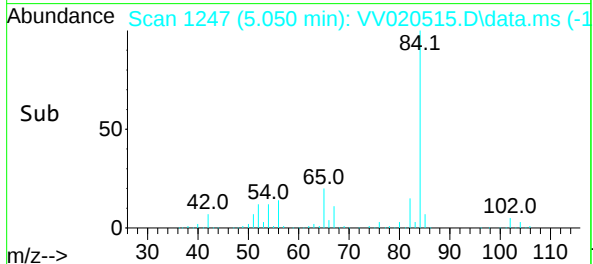
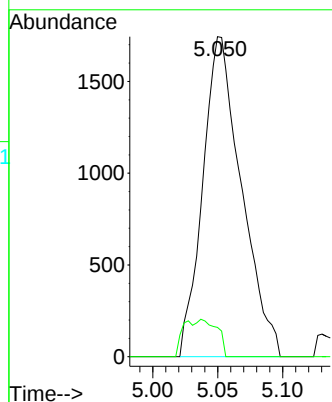
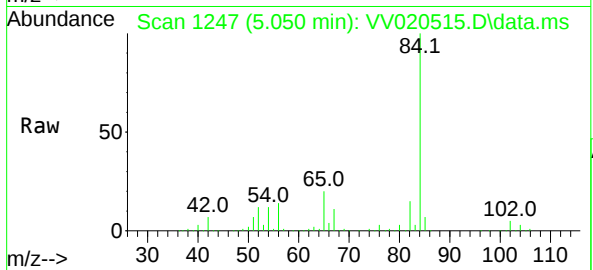
98 9.2 6.9 10.3

Instrument :

MSVOA_V

ClientSampled :

C0B59



#30

1,1,1-Trichloroethane

Concen: 3.04 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VV020515.D

Acq: 10 Mar 2021 23:00

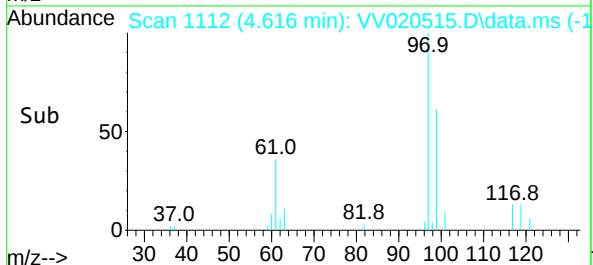
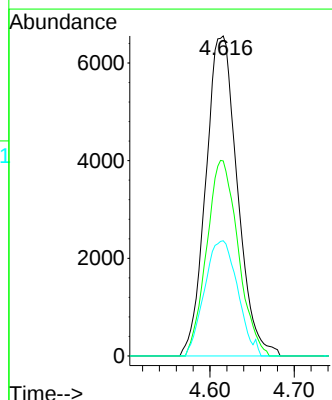
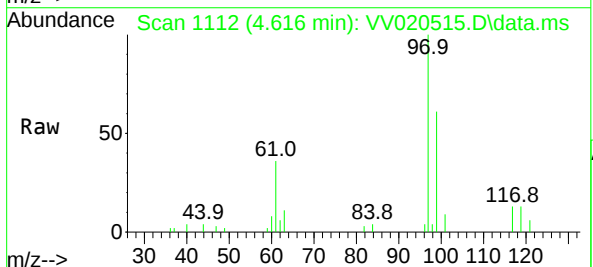
Tgt Ion: 97 Resp: 17074

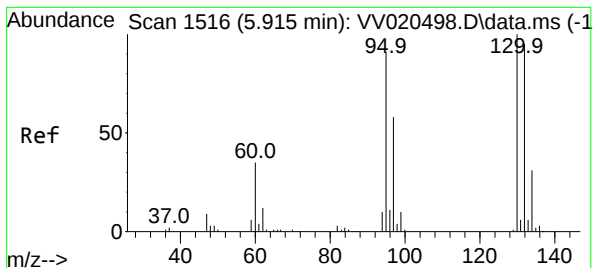
Ion Ratio Lower Upper

97 100

99 60.9 51.2 76.8

61 37.2 38.5 57.7#





#34

Trichloroethene

Concen: 59.19 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020515.D

Acq: 10 Mar 2021 23:00

Tgt Ion: 95 Resp: 238819

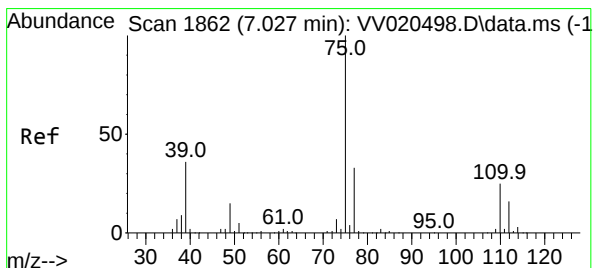
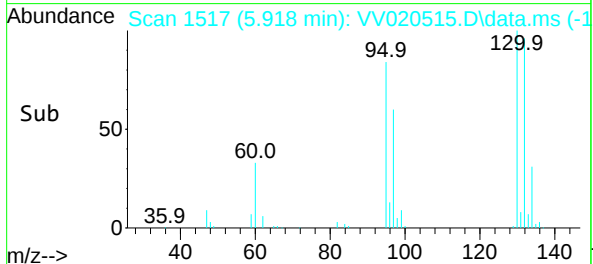
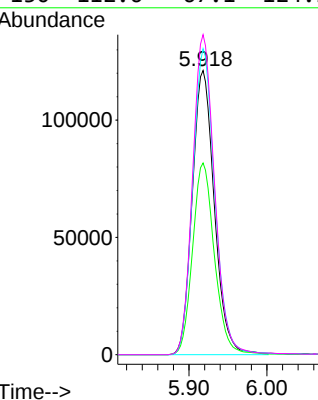
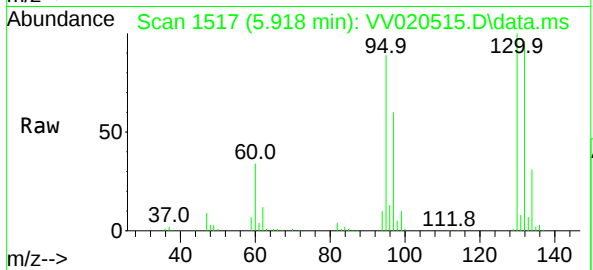
Ion Ratio Lower Upper

95 100

97 67.5 44.5 82.7

132 107.7 63.4 117.8

130 112.6 67.1 124.5



#39

cis-1,3-Dichloropropene

Concen: 1.07 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV020515.D

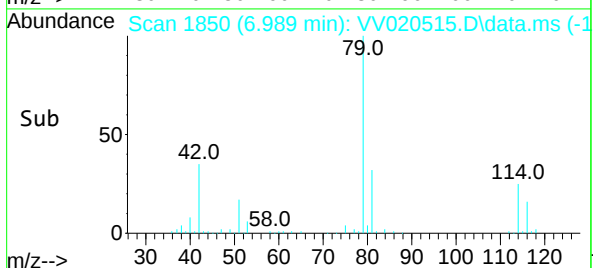
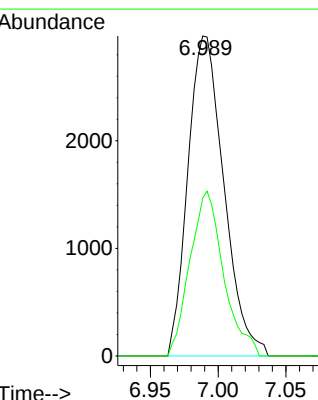
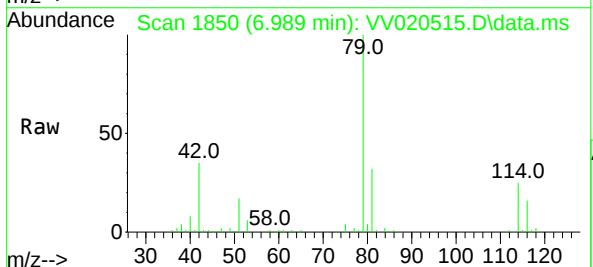
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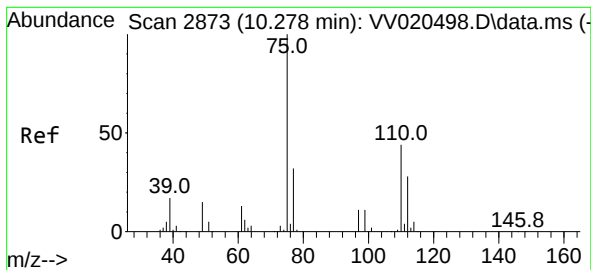
Tgt Ion: 75 Resp: 5487

Ion Ratio Lower Upper

75 100

77 49.4 21.8 40.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.32 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020515.D
 Acq: 10 Mar 2021 23:00

Instrument :
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Tgt Ion: 75 Resp: 24154
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.4 38.0

