

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020847.D
 Acq On : 01 Apr 2021 22:46
 Operator : SY/MD
 Sample : M1845-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

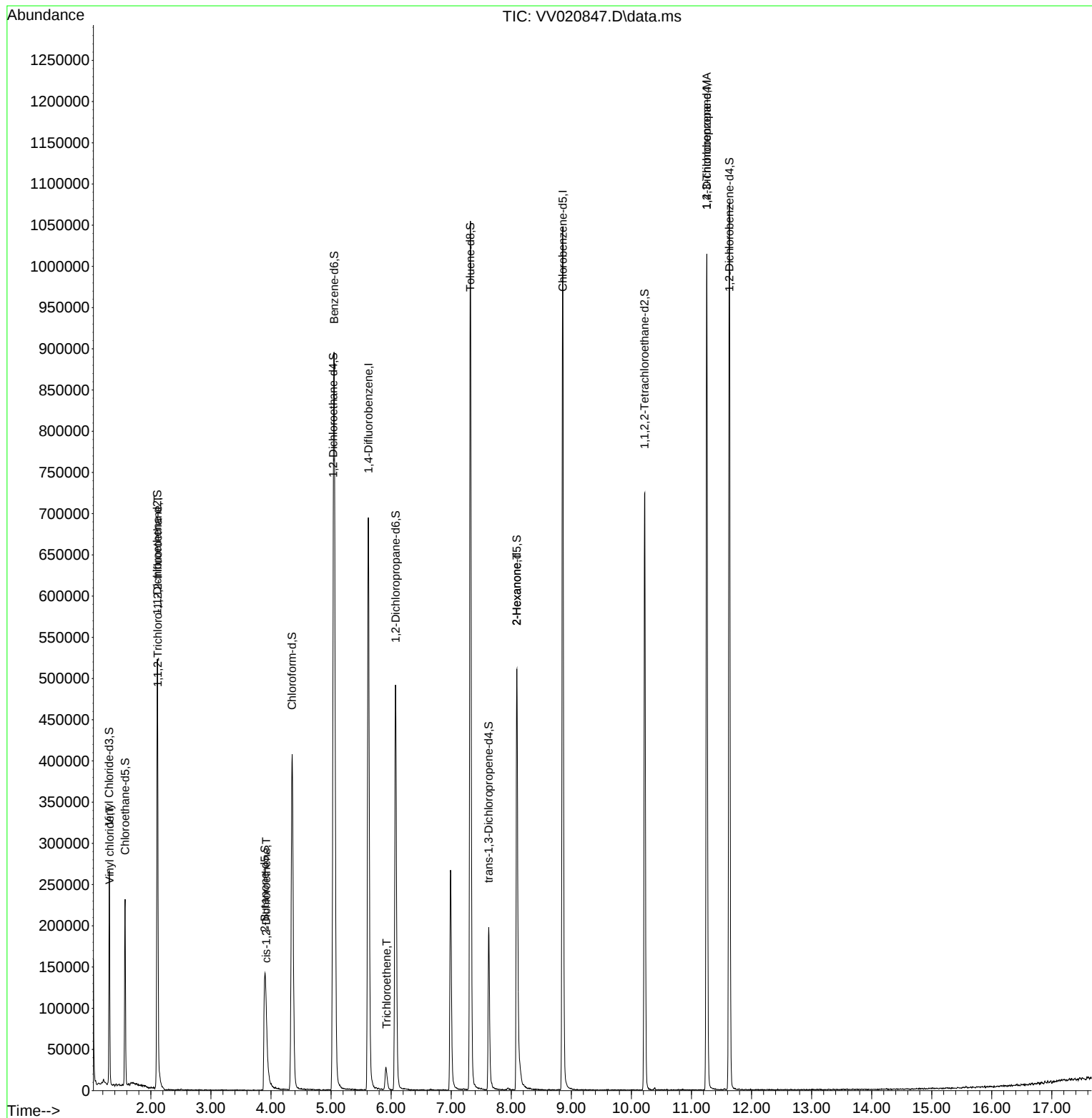
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	611411	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	581070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	273544	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153673	35.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.80%		
7) Chloroethane-d5	1.571	69	134718	41.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.10%		
11) 1,1-Dichloroethene-d2	2.108	63	264646	32.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.62%		
21) 2-Butanone-d5	3.895	46	245841	87.05	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.05%		
24) Chloroform-d	4.352	84	419103	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.16%		
26) 1,2-Dichloroethane-d4	5.037	65	286557	50.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.84%		
32) Benzene-d6	5.053	84	759015	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.02%		
36) 1,2-Dichloropropane-d6	6.075	67	227609	47.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.74%		
41) Toluene-d8	7.320	98	692764	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.10%		
43) trans-1,3-Dichloroprop...	7.625	79	114128	45.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.22%		
47) 2-Hexanone-d5	8.091	63	178655	89.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.61%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	311534	44.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.96%		
64) 1,2-Dichlorobenzene-d4	11.631	152	284885	53.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.32%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	4980	1.07	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2831	0.74	ug/L #	19
20) cis-1,2-Dichloroethene	3.921	96	17016	3.89	ug/L	85
34) Trichloroethene	5.928	95	3603	0.82	ug/L #	84
48) 2-Hexanone	8.091	43	20405	4.74	ug/L #	70
59) 1,2,3-Trichloropropane	11.255	75	26283	4.79	ug/L	94

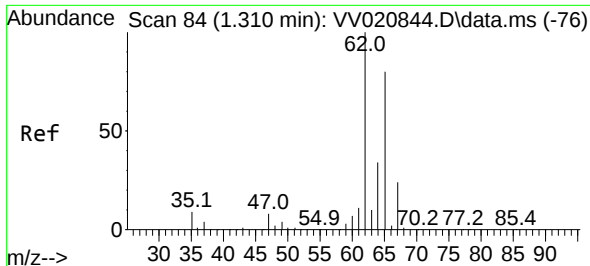
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 08:30:00 2021
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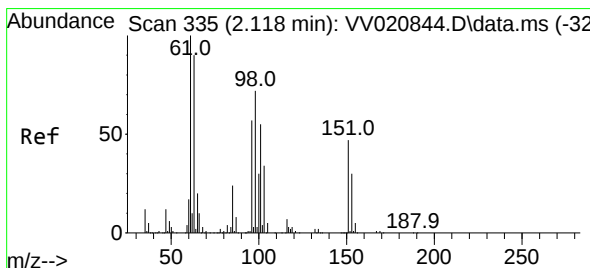
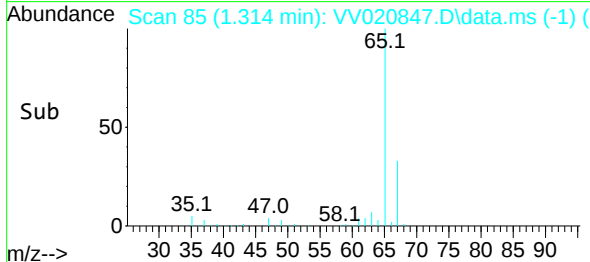
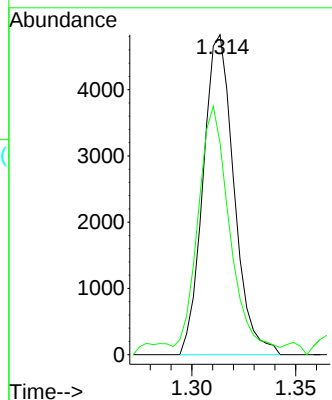
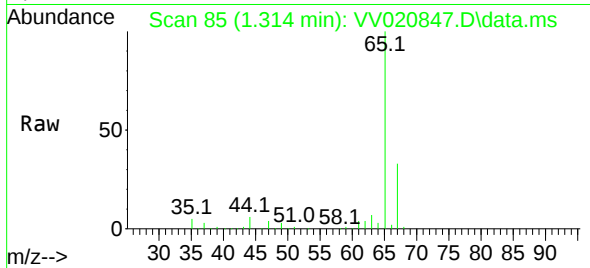




#5
 Vinyl chloride
 Concen: 1.07 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020847.D
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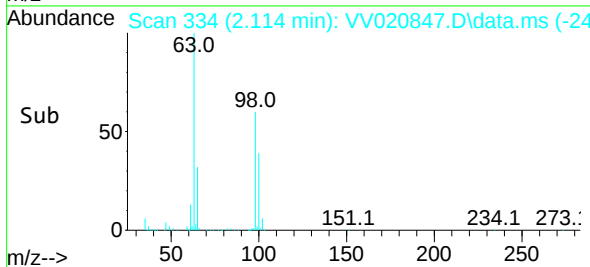
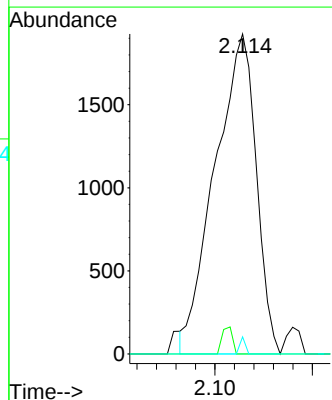
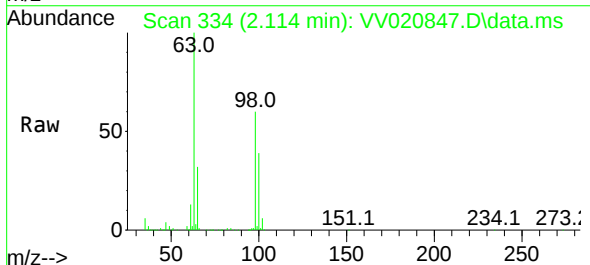
Instrument :
 MSVOA_V
 ClientSampled :

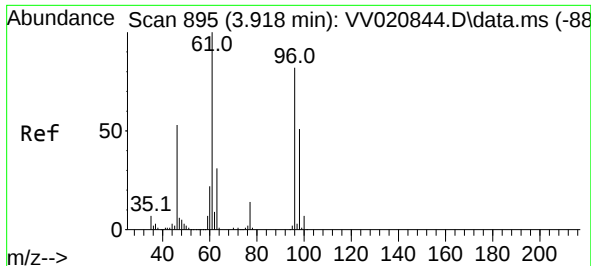
Tgt Ion: 62 Resp: 4980
 Ion Ratio Lower Upper
 62 100
 64 66.2 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.74 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020847.D
 Acq: 01 Apr 2021 22:46

Tgt Ion: 101 Resp: 2831
 Ion Ratio Lower Upper
 101 100
 85 2.1 35.4 53.0#
 151 0.0 63.5 95.3#

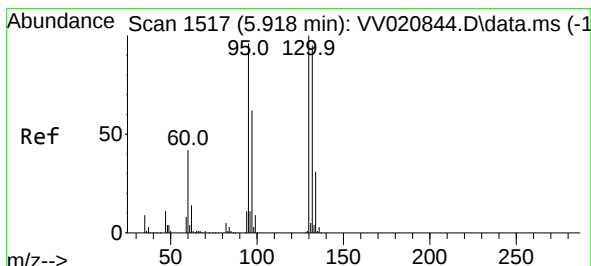
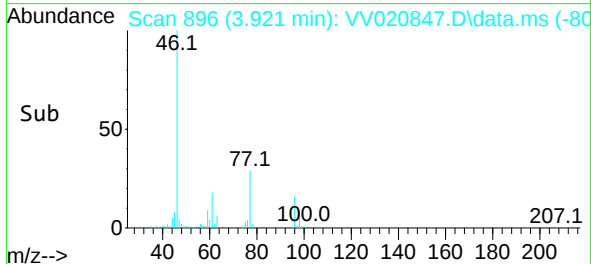
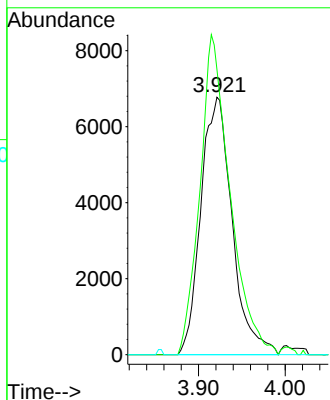
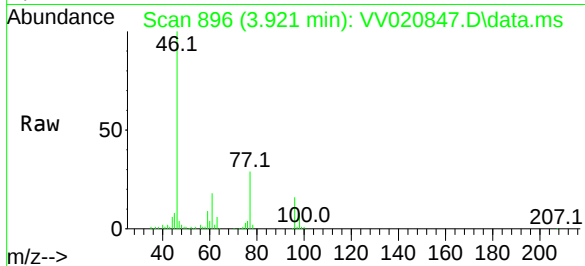




#20
cis-1,2-Dichloroethene
Concen: 3.89 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.003 min
Lab File: VV020847.D
Acq: 01 Apr 2021 22:46

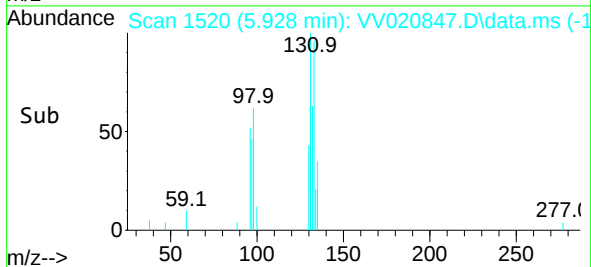
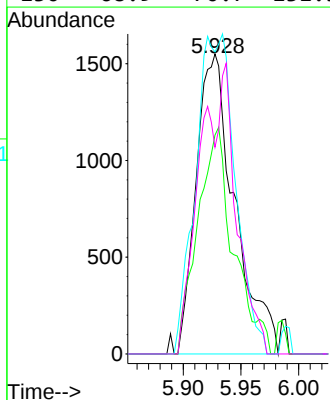
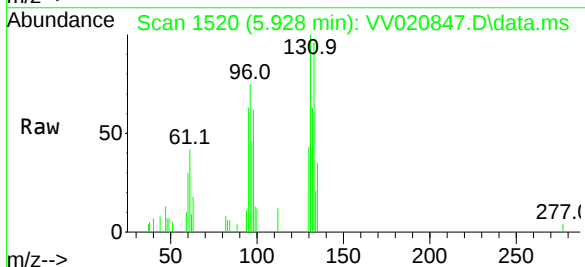
Instrument :
MSVOA_V
ClientSampleId :

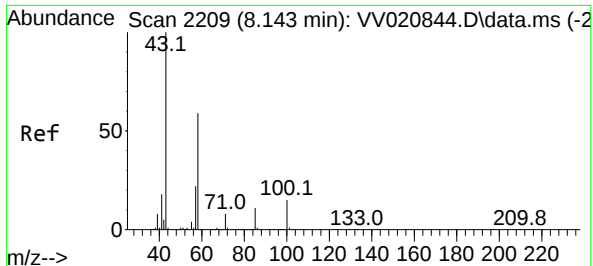
Tgt Ion: 96 Resp: 17016
Ion Ratio Lower Upper
96 100
61 110.9 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.82 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.010 min
Lab File: VV020847.D
Acq: 01 Apr 2021 22:46

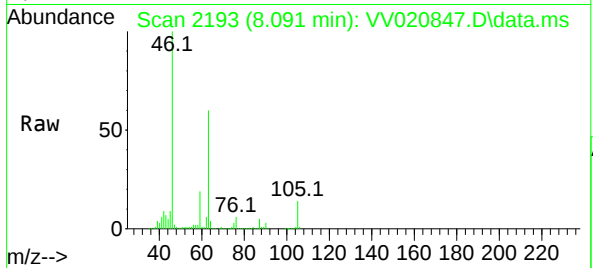
Tgt Ion: 95 Resp: 3603
Ion Ratio Lower Upper
95 100
97 72.9 43.5 80.9
132 100.6 69.5 129.1
130 68.9 70.7 131.3#



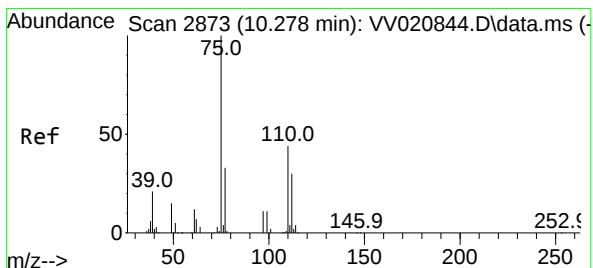
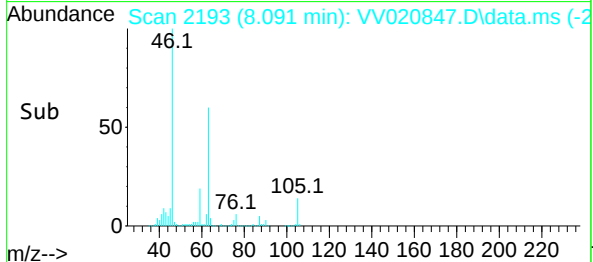
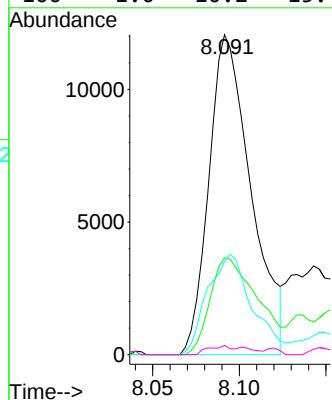


#48
2-Hexanone
Concen: 4.74 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.052 min
Lab File: VV020847.D
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Instrument :
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Tgt Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
58 35.0 45.8 68.8#
57 33.2 15.4 23.2#
100 1.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 4.79 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.977 min
Lab File: VV020847.D
Acq: 01 Apr 2021 22:46

Tgt Ion: 75 Resp: 26283
Ion Ratio Lower Upper
75 100
77 34.8 25.3 37.9

