

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080322\
 Data File : VV027190.D
 Acq On : 03 Aug 2022 14:34
 Operator : SY/MD
 Sample : N4003-01DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E13DL

Quant Time: Aug 04 03:03:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 04 02:57:16 2022
 Response via : Initial Calibration

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

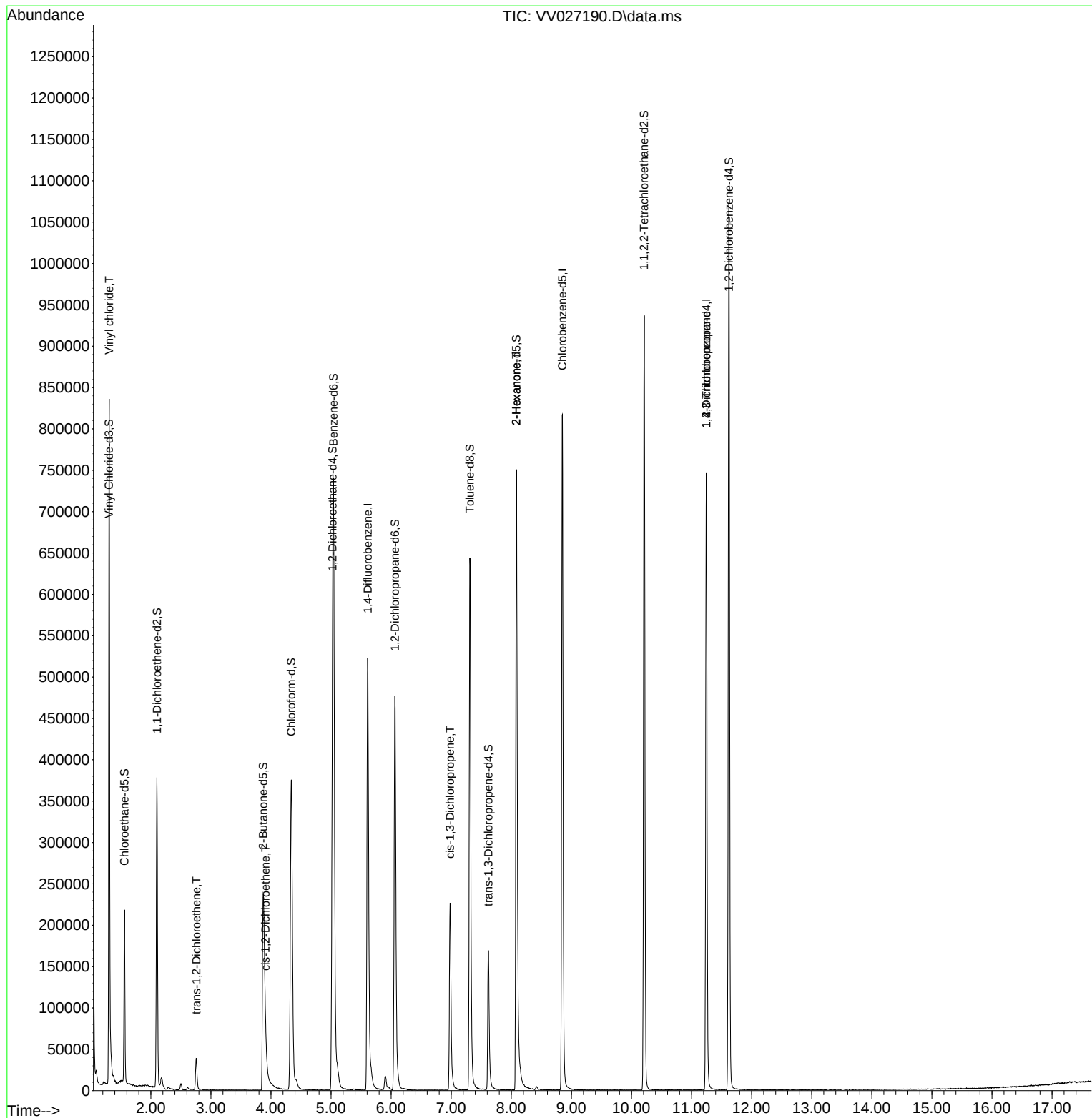
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	490997	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	488819	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	202848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	166749	52.402	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	104.800%	
7) Chloroethane-d5	1.561	69	140875	59.161	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	118.320%	
11) 1,1-Dichloroethene-d2	2.101	63	189136	31.214	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	62.420%	
21) 2-Butanone-d5	3.870	46	357768	170.771	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	170.770%#	
24) Chloroform-d	4.336	84	402242	62.537	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	125.080%#	
26) 1,2-Dichloroethane-d4	5.024	65	257069	70.442	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	140.880%#	
32) Benzene-d6	5.040	84	672043	51.956	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.920%	
36) 1,2-Dichloropropane-d6	6.063	67	250662	62.645	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	125.280%#	
41) Toluene-d8	7.310	98	466471	40.002	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.619	79	106261	60.509	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	121.020%	
47) 2-Hexanone-d5	8.085	63	274629	177.779	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	177.780%#	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	466289	77.958	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	155.920%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	282861	79.345	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	158.680%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	426339	91.937	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	16206	4.472	ug/L	94
20) cis-1,2-Dichloroethene	3.908	96	5050	1.313	ug/L	93
39) cis-1,3-Dichloropropene	6.979	75	6207	1.124	ug/L #	68
48) 2-Hexanone	8.085	43	29083	8.041	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	22788	5.411	ug/L #	64

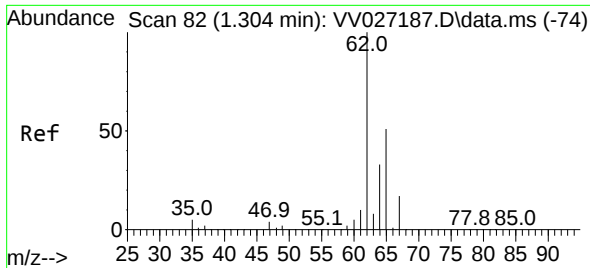
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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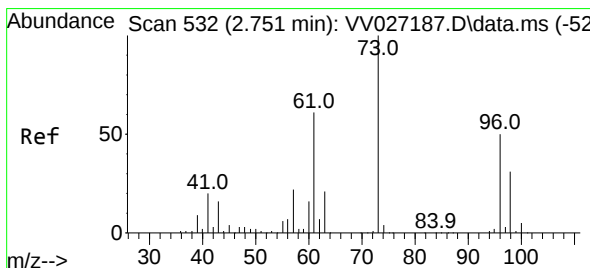
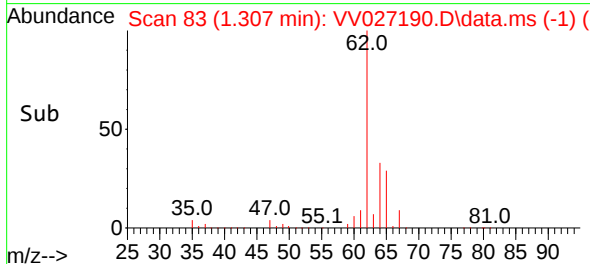
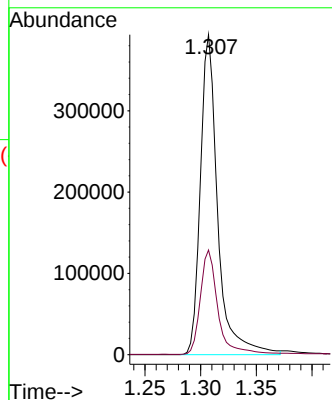
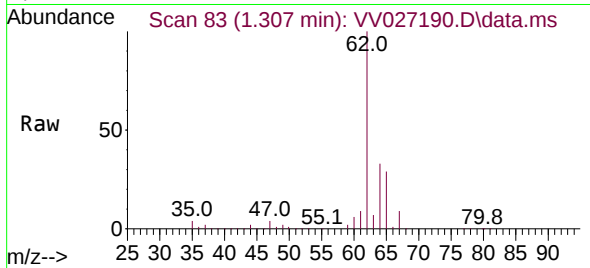




#5
 Vinyl chloride
 Concen: 91.937 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027190.D
 Acq: 03 Aug 2022 14:34

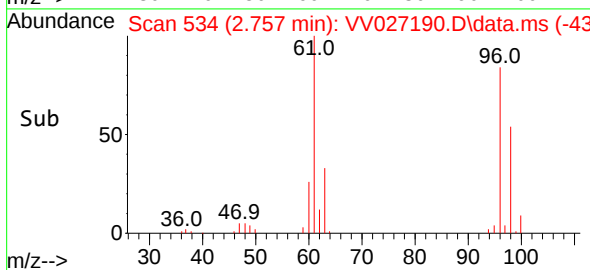
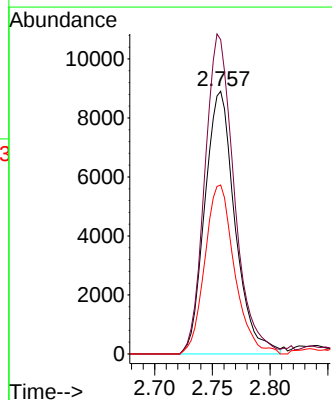
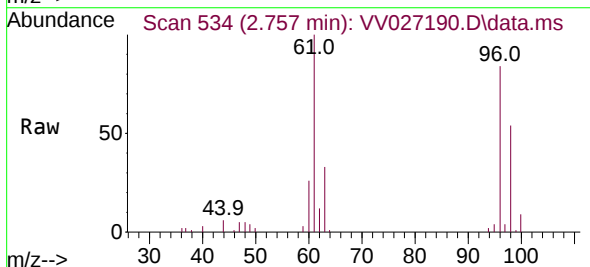
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 MSVOA_V
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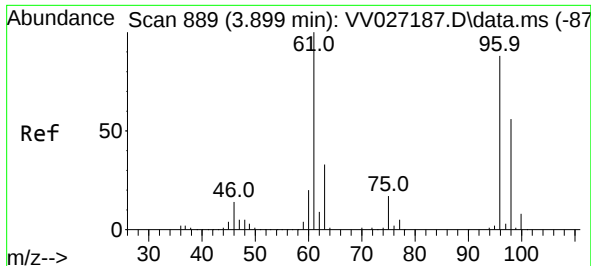
Tgt Ion: 62 Resp: 426339
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#17
 trans-1,2-Dichloroethene
 Concen: 4.472 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.006 min
 Lab File: VV027190.D
 Acq: 03 Aug 2022 14:34

Tgt Ion: 96 Resp: 16206
 Ion Ratio Lower Upper
 96 100
 61 119.6 89.2 165.6
 98 64.3 43.3 80.3

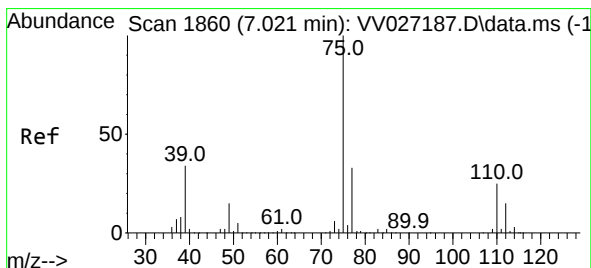
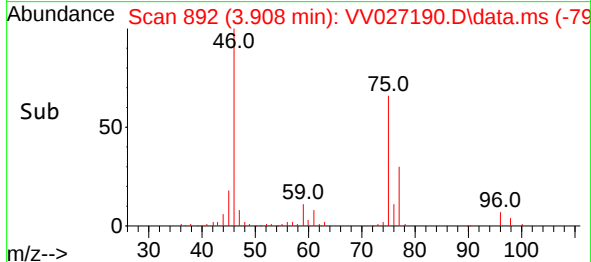
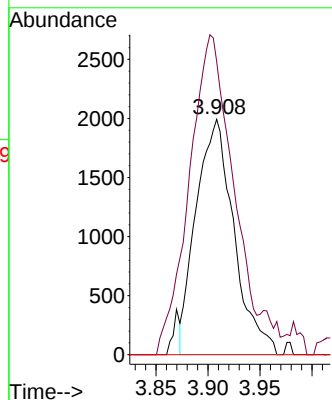
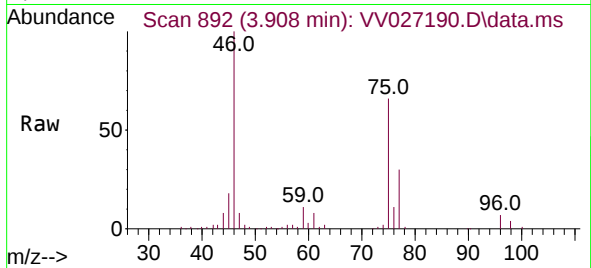




#20
 cis-1,2-Dichloroethene
 Concen: 1.313 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.009 min
 Lab File: VV027190.D
 Acq: 03 Aug 2022 14:34

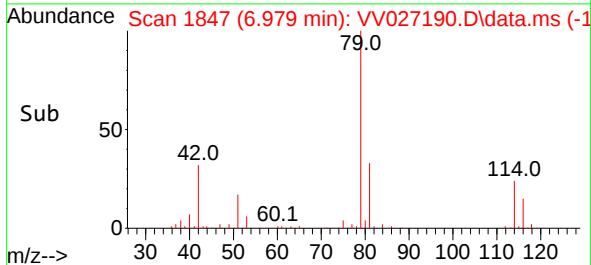
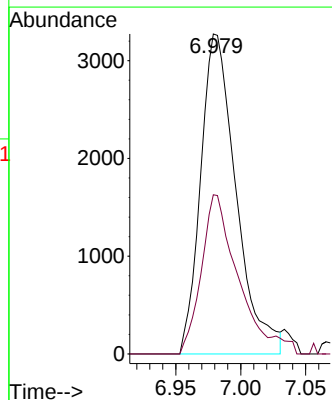
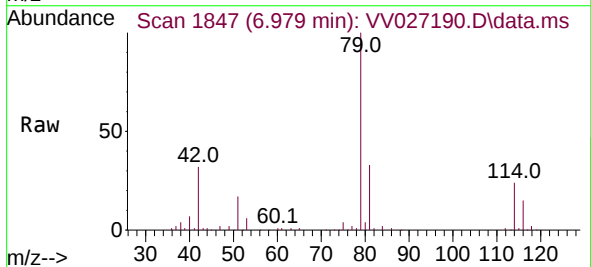
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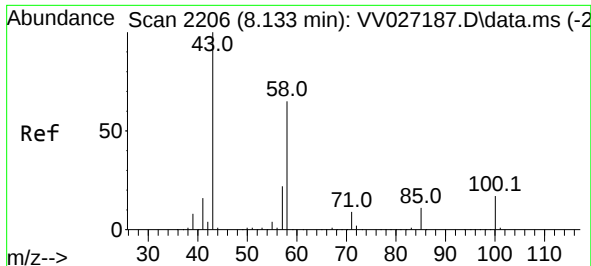
Tgt Ion: 96 Resp: 5050
 Ion Ratio Lower Upper
 96 100
 61 124.5 81.7 151.7
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.124 ug/L
 RT: 6.979 min Scan# 1847
 Delta R.T. -0.042 min
 Lab File: VV027190.D
 Acq: 03 Aug 2022 14:34

Tgt Ion: 75 Resp: 6207
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.3 41.5#

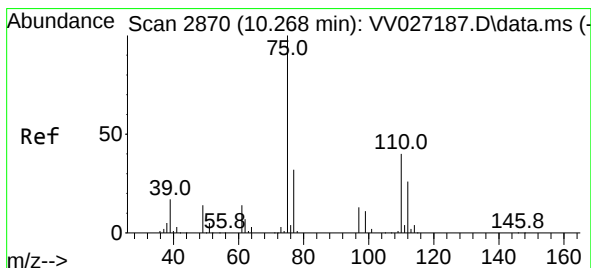
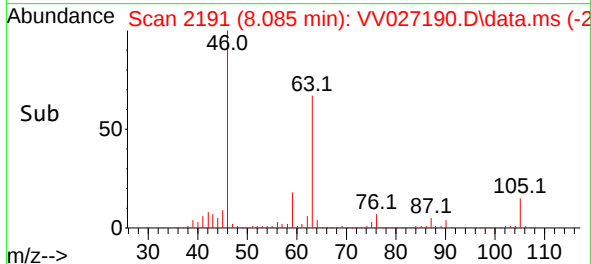
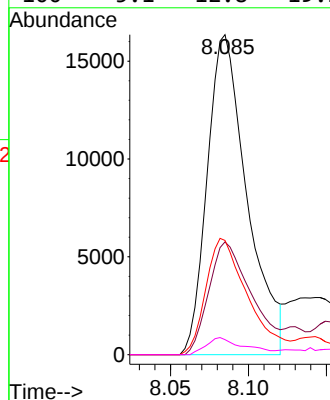
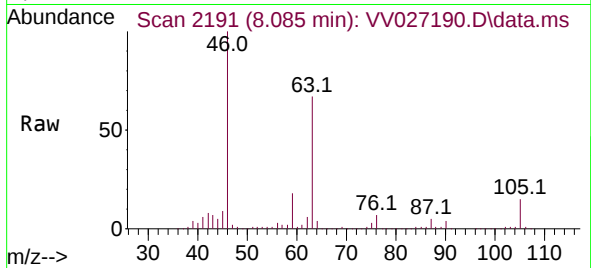




#48
2-Hexanone
Concen: 8.041 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV027190.D
Acq: 03 Aug 2022 14:34

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MSVOA_V
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Tgt Ion: 43	Resp: 29083
Ion Ratio	Lower Upper
43 100	
58 37.9	51.3 76.9#
57 38.3	16.7 25.1#
100 5.1	12.8 19.2#



#61
1,2,3-Trichloropropane
Concen: 5.411 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV027190.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 75	Resp: 22788
Ion Ratio	Lower Upper
75 100	
77 29.9	25.8 38.8
110 3.0	32.8 49.2#

