

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020511.D
 Acq On : 10 Mar 2021 21:26
 Operator : SY/MD
 Sample : M1632-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B55

Quant Time: Mar 11 00:54:16 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)

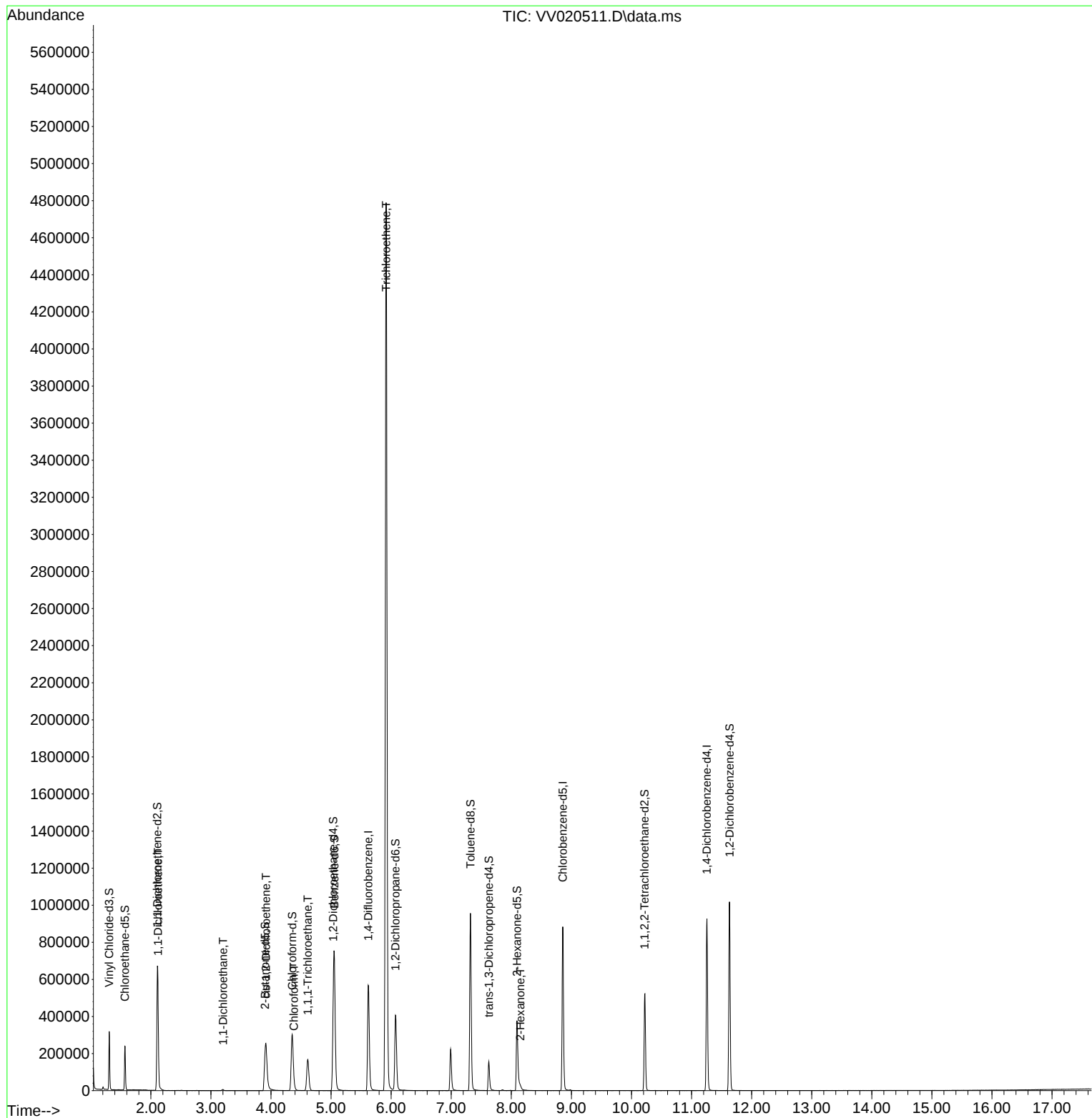
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	525226	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	522598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	259096	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	196818	51.13	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	102.26%	
7) Chloroethane-d5	1.568	69	153573	51.51	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.02%	
11) 1,1-Dichloroethene-d2	2.108	63	293755	45.28	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.56%	
21) 2-Butanone-d5	3.899	46	195057	100.05	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.05%	
24) Chloroform-d	4.352	84	324190	48.70	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.40%	
26) 1,2-Dichloroethane-d4	5.037	65	207977	50.85	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.70%	
32) Benzene-d6	5.053	84	691330	52.44	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.88%	
36) 1,2-Dichloropropane-d6	6.072	67	202780	50.89	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.78%	
41) Toluene-d8	7.320	98	652029	51.14	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.28%	
43) trans-1,3-Dichloroprop...	7.625	79	92574	48.80	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.60%	
47) 2-Hexanone-d5	8.095	63	132339	92.86	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.86%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	244667	46.34	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.68%	
64) 1,2-Dichlorobenzene-d4	11.632	152	288859	56.94	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	113.88%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.121	96	95165	28.07	ug/L	80
19) 1,1-Dichloroethane	3.201	63	6609	1.12	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	109332	29.54	ug/L	77
25) Chloroform	4.381	83	13735	2.09	ug/L	90
30) 1,1,1-Trichloroethane	4.613	97	142597	25.07	ug/L	94
34) Trichloroethene	5.915	95	1629355	399.15	ug/L	87
48) 2-Hexanone	8.149	43	13553	4.40	ug/L	# 57

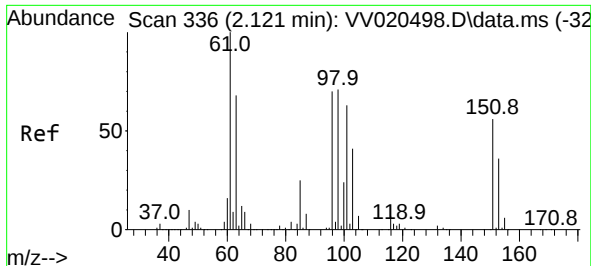
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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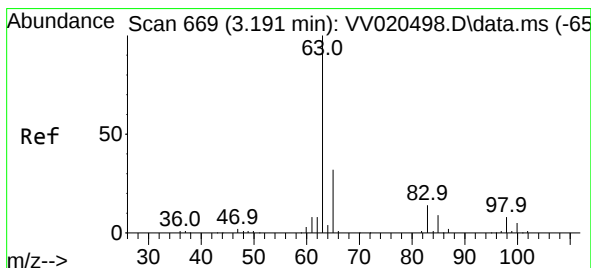
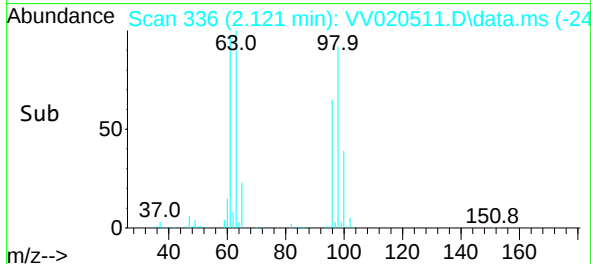
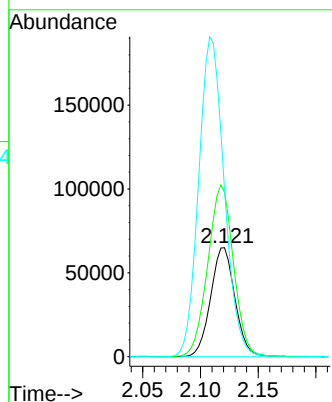
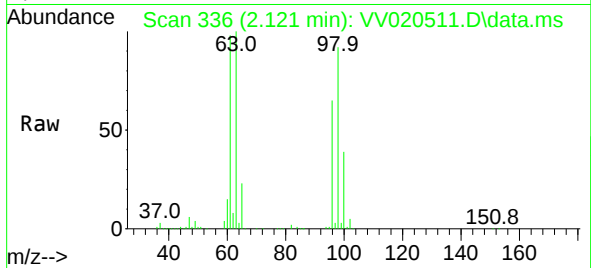




#12
1,1-Dichloroethene
Concen: 28.07 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

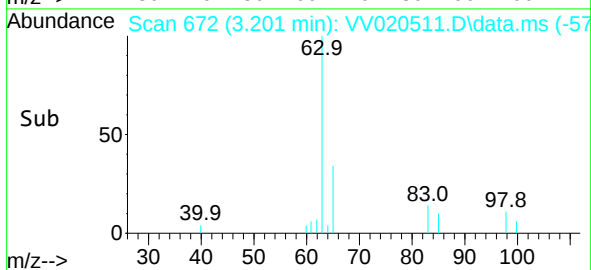
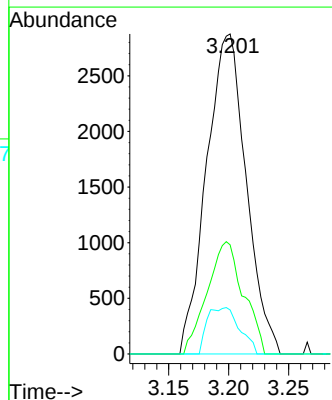
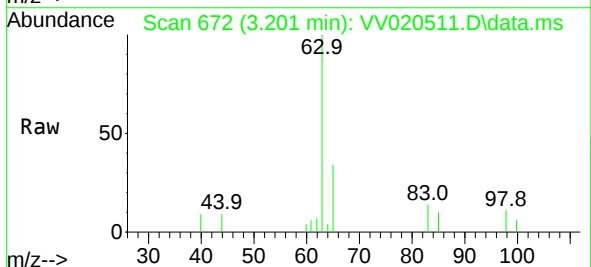
Instrument :
MSVOA_V
ClientSampleId :
C0B55

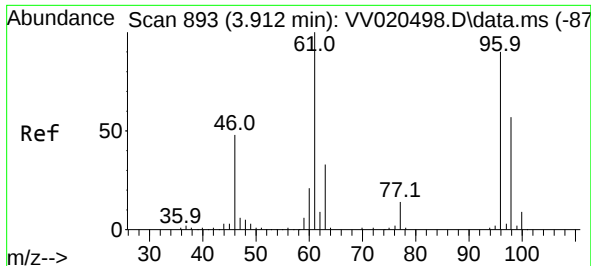
Tgt Ion: 96 Resp: 95165
Ion Ratio Lower Upper
96 100
61 151.1 134.9 250.5
63 153.8 117.6 218.4



#19
1,1-Dichloroethane
Concen: 1.12 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.010 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

Tgt Ion: 63 Resp: 6609
Ion Ratio Lower Upper
63 100
65 34.1 21.9 40.7
83 13.8 9.5 17.7

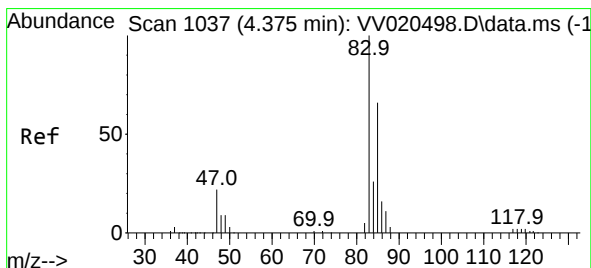
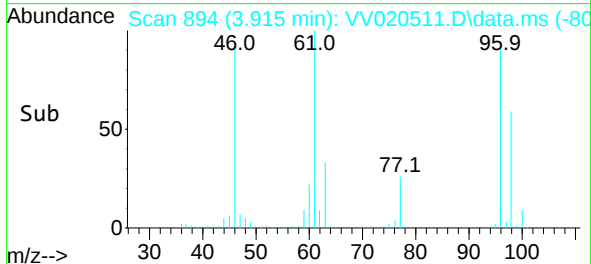
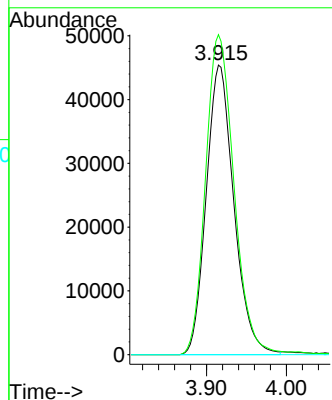
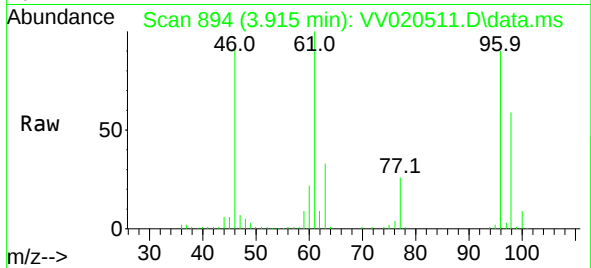




#20
cis-1,2-Dichloroethene
Concen: 29.54 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

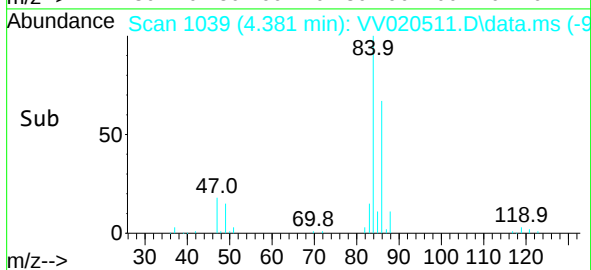
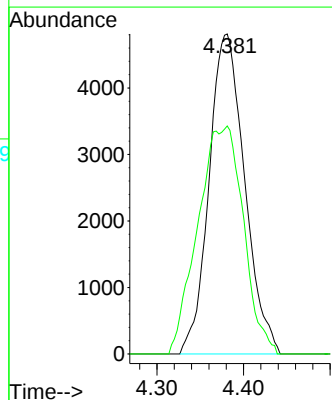
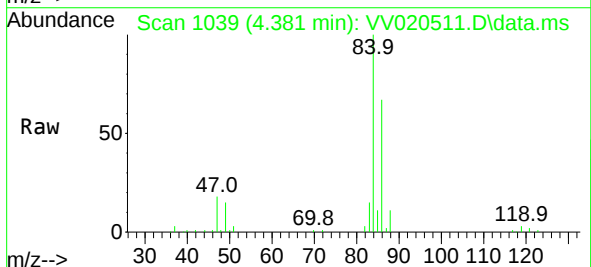
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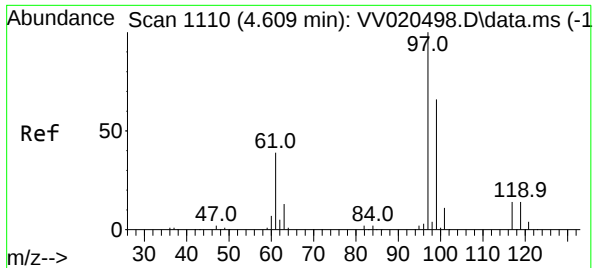
Tgt Ion: 96 Resp: 109332
Ion Ratio Lower Upper
96 100
61 110.5 96.9 179.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 2.09 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

Tgt Ion: 83 Resp: 13735
Ion Ratio Lower Upper
83 100
85 71.2 44.2 82.2

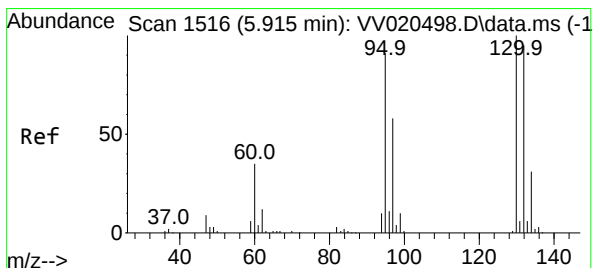
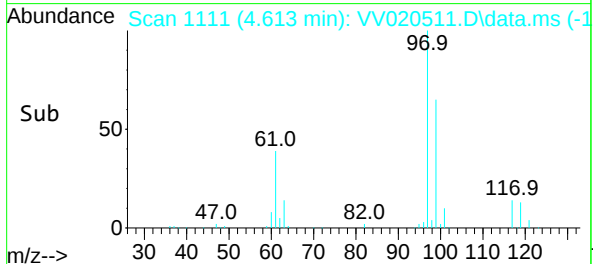
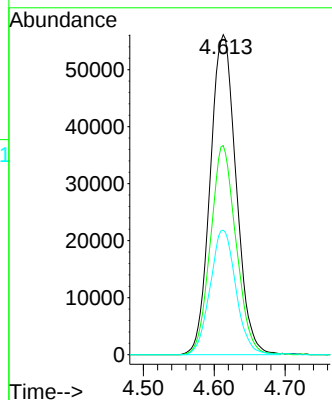
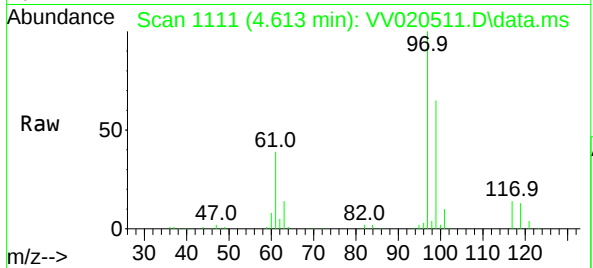




#30
1,1,1-Trichloroethane
Concen: 25.07 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

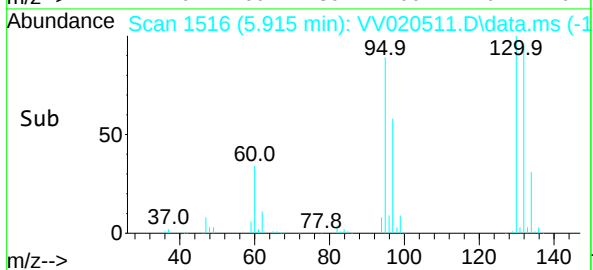
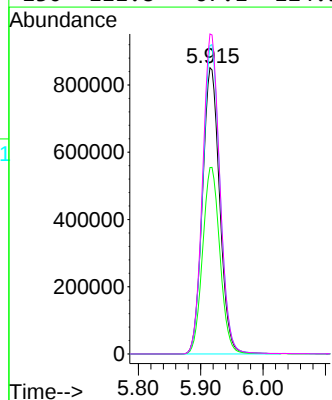
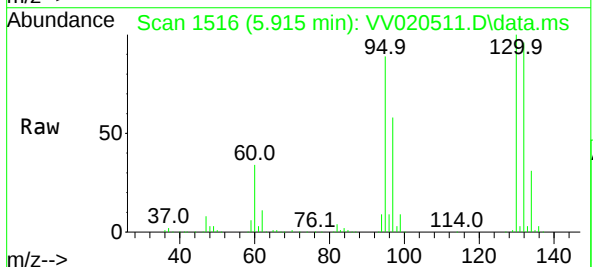
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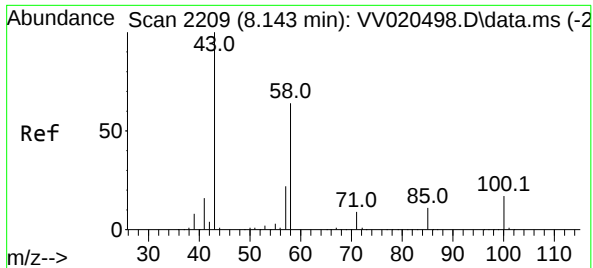
Tgt Ion: 97 Resp: 142597
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 38.7 38.5 57.7



#34
Trichloroethene
Concen: 399.15 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020511.D
Acq: 10 Mar 2021 21:26

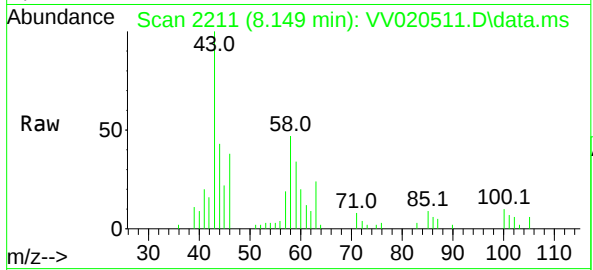
Tgt Ion: 95 Resp: 1629355
Ion Ratio Lower Upper
95 100
97 65.1 44.5 82.7
132 107.8 63.4 117.8
130 111.8 67.1 124.5





#48
 2-Hexanone
 Concen: 4.40 ug/L
 RT: 8.149 min Scan# 2211
 Delta R.T. 0.007 min
 Lab File: VV020511.D
 Acq: 10 Mar 2021 21:26

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 43	Resp: 13553
Ion Ratio	Lower Upper
43	100
58	8.4 41.8 62.6#
57	15.0 15.0 22.4
100	7.7 8.9 13.3#

