

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020855.D
 Acq On : 02 Apr 2021 01:57
 Operator : SY/MD
 Sample : M1845-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:32:59 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)

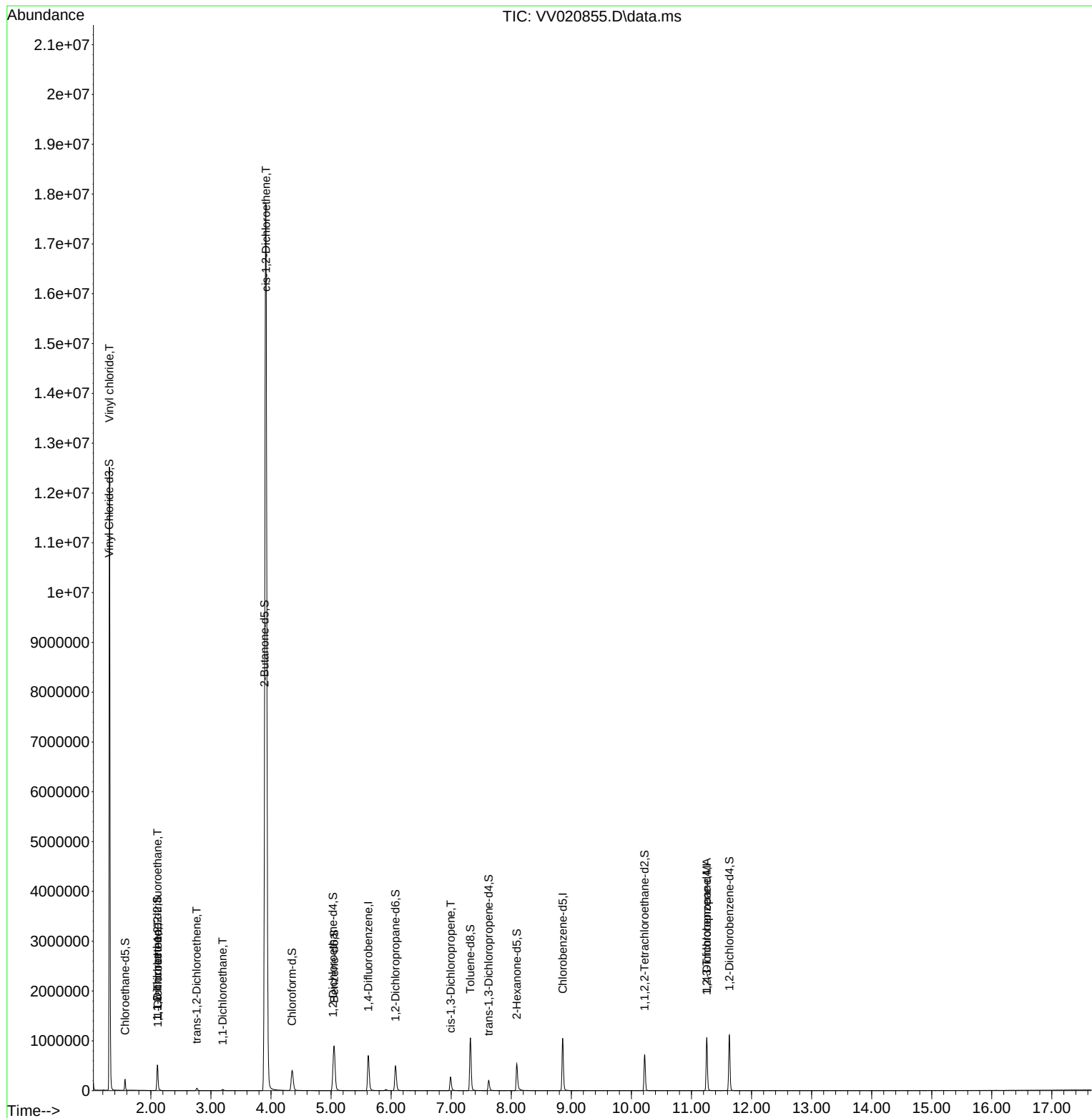
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	609202	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	590305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	286774	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	202199	46.75	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.50%	
7) Chloroethane-d5	1.571	69	130017	39.76	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.52%	
11) 1,1-Dichloroethene-d2	2.108	63	261850	32.09	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.18%	
21) 2-Butanone-d5	3.892	46	266514	94.72	ug/L	-0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.72%	
24) Chloroform-d	4.352	84	416306	48.43	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.86%	
26) 1,2-Dichloroethane-d4	5.034	65	284796	50.29	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.58%	
32) Benzene-d6	5.053	84	753020	47.86	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.72%	
36) 1,2-Dichloropropane-d6	6.072	67	222490	46.06	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.12%	
41) Toluene-d8	7.320	98	691556	47.22	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.44%	
43) trans-1,3-Dichloroprop...	7.625	79	115538	44.95	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.90%	
47) 2-Hexanone-d5	8.091	63	184993	91.34	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.34%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	316311	44.95	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.90%	
64) 1,2-Dichlorobenzene-d4	11.631	152	285040	51.21	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.42%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	7273262	1562.68	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2703	0.71	ug/L #	19
12) 1,1-Dichloroethene	2.117	96	9788	2.75	ug/L #	1
17) trans-1,2-Dichloroethene	2.764	96	18577	4.56	ug/L	93
19) 1,1-Dichloroethane	3.194	63	22630	2.99	ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	10016797	2296.44	ug/L	93
39) cis-1,3-Dichloropropene	6.992	75	7568	1.15	ug/L #	73
59) 1,2,3-Trichloropropane	11.252	75	27653	4.96	ug/L	89

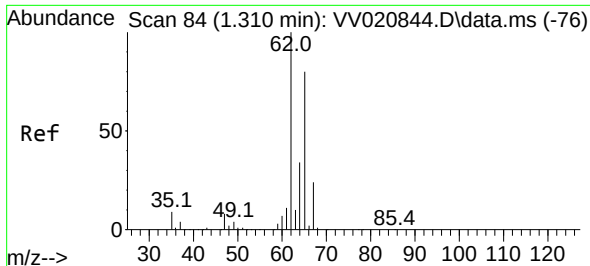
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 08:30:00 2021
Response via : Initial Calibration

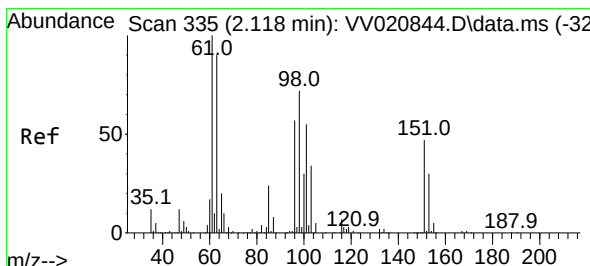
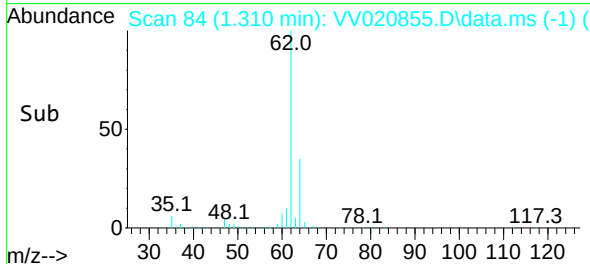
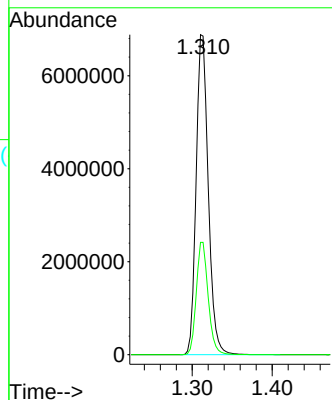
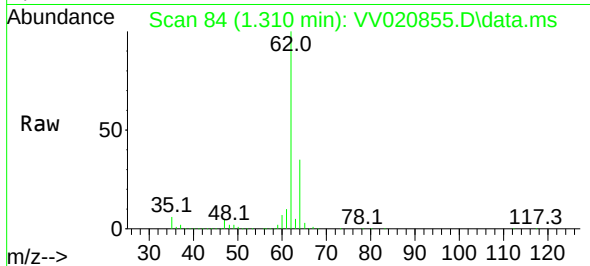




#5
 Vinyl chloride
 Concen: 1562.68 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020855.D
 Acq: 02 Apr 2021 01:57

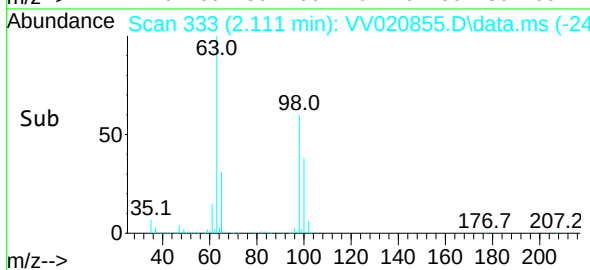
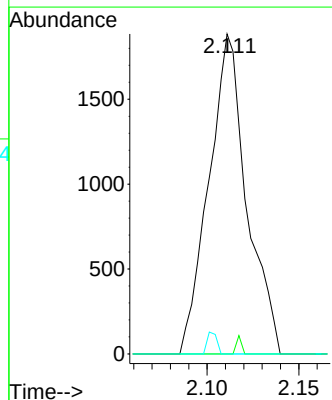
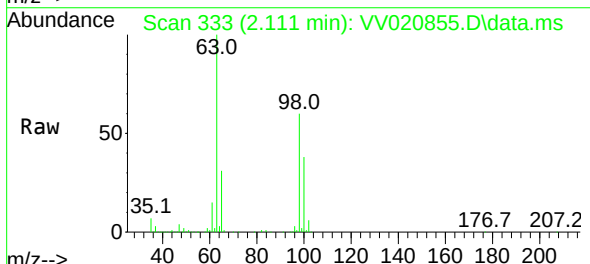
Instrument :
 MSVOA_V
 ClientSampleId :

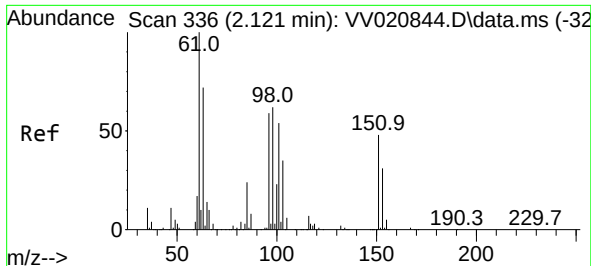
Tgt Ion: 62 Resp: 7273262
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.3 43.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.71 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.007 min
 Lab File: VV020855.D
 Acq: 02 Apr 2021 01:57

Tgt Ion: 101 Resp: 2703
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 1.7 63.5 95.3#

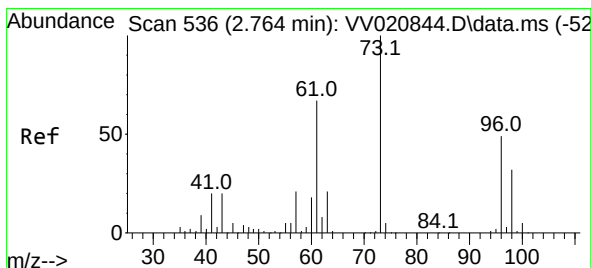
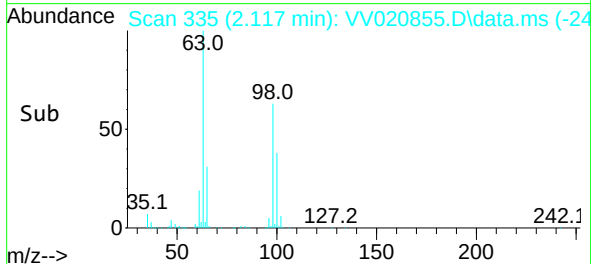
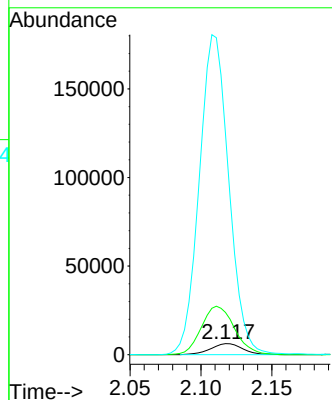
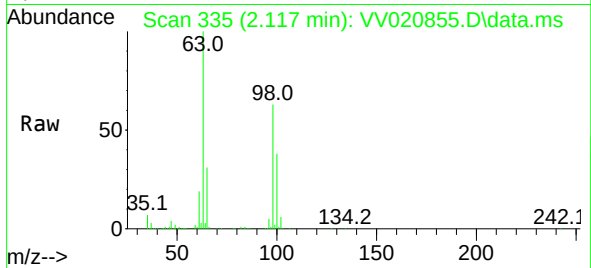




#12
1,1-Dichloroethene
Concen: 2.75 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020855.D
Acq: 02 Apr 2021 01:57

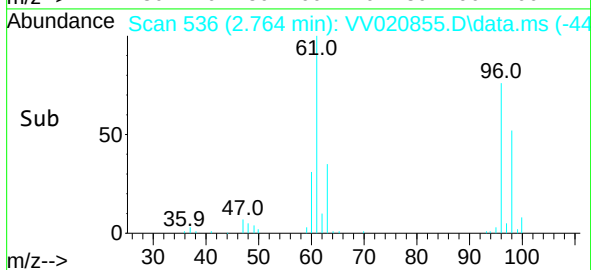
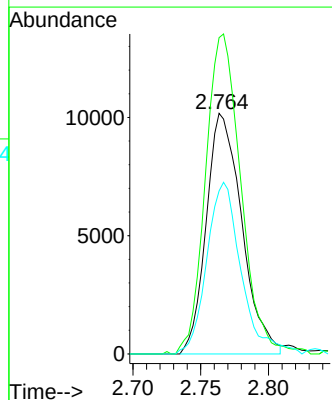
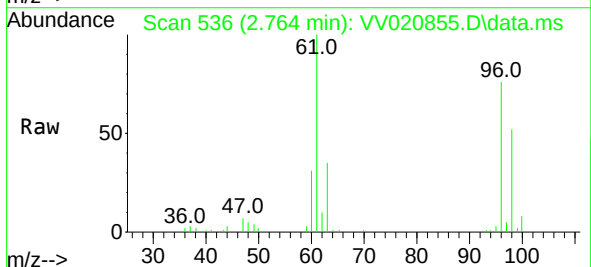
Instrument :
MSVOA_V
ClientSampleId :

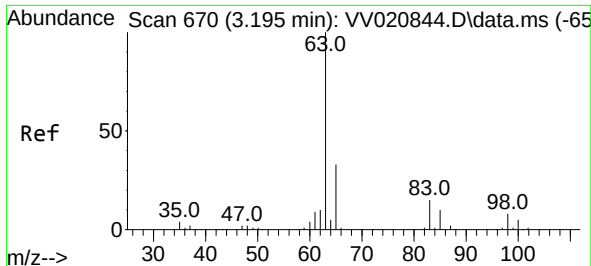
Tgt Ion: 96 Resp: 9788
Ion Ratio Lower Upper
96 100
61 381.4 126.3 234.6#
63 1995.5 100.2 186.2#



#17
trans-1,2-Dichloroethene
Concen: 4.56 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV020855.D
Acq: 02 Apr 2021 01:57

Tgt Ion: 96 Resp: 18577
Ion Ratio Lower Upper
96 100
61 131.5 97.9 181.9
98 67.8 43.9 81.5





#19

1,1-Dichloroethane

Concen: 2.99 ug/L

RT: 3.194 min Scan# 670

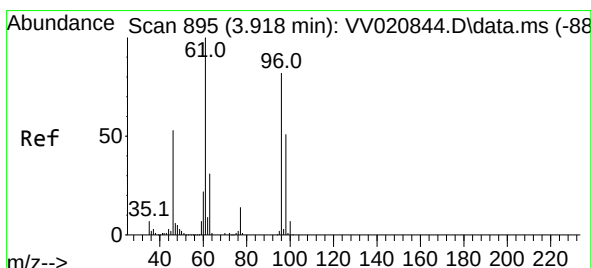
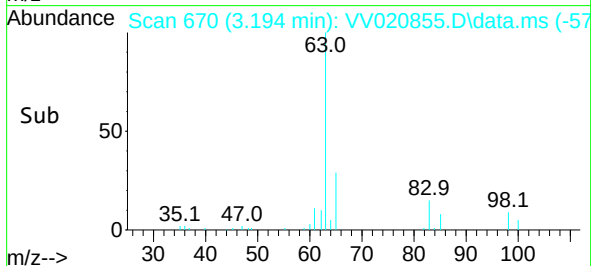
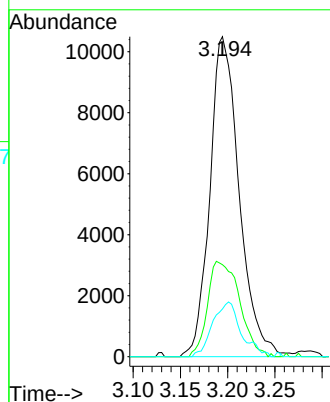
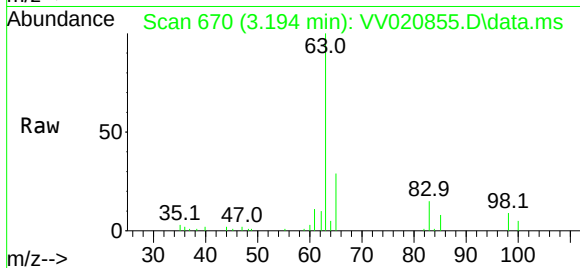
Delta R.T. -0.000 min

Lab File: VV020855.D

Acq: 02 Apr 2021 01:57

Tgt Ion:	63	Resp:	22630
Ion	Ratio	Lower	Upper
63	100		
65	28.8	22.5	41.9
83	14.9	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 2296.44 ug/L

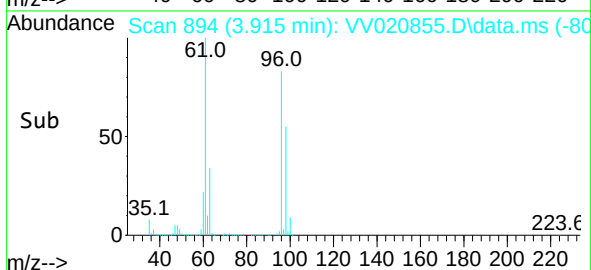
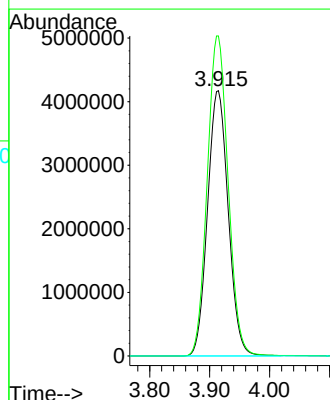
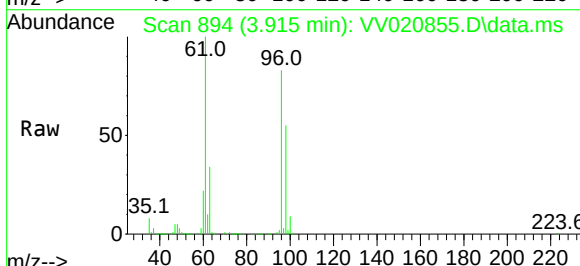
RT: 3.915 min Scan# 894

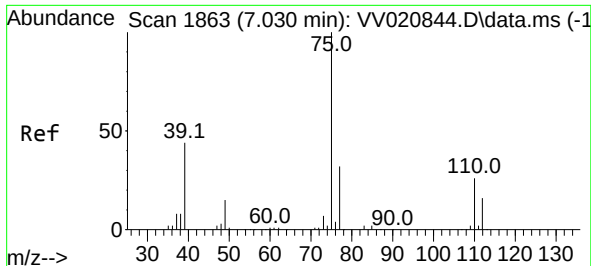
Delta R.T. -0.003 min

Lab File: VV020855.D

Acq: 02 Apr 2021 01:57

Tgt Ion:	96	Resp:	10016797
Ion	Ratio	Lower	Upper
96	100		
61	120.6	89.9	167.0
68	0.0	0.0	0.0

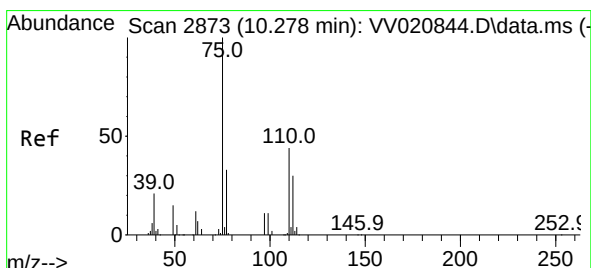
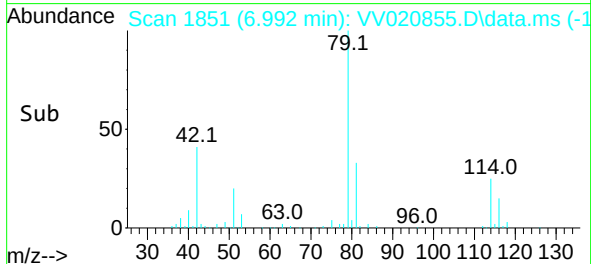
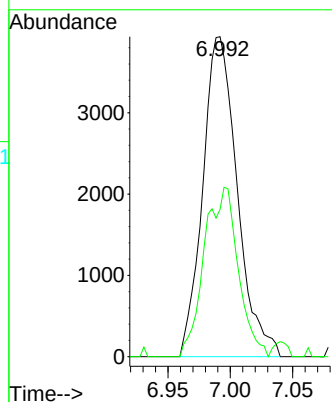
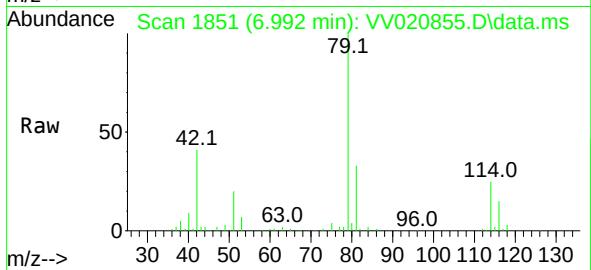




#39
cis-1,3-Dichloropropene
Concen: 1.15 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV020855.D
Acq: 02 Apr 2021 01:57

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 7568
Ion Ratio Lower Upper
75 100
77 46.0 21.7 40.3#



#59
1,2,3-Trichloropropane
Concen: 4.96 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020855.D
Acq: 02 Apr 2021 01:57

Tgt Ion: 75 Resp: 27653
Ion Ratio Lower Upper
75 100
77 37.8 25.3 37.9

