

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020923.D
 Acq On : 05 Apr 2021 18:31
 Operator : SY/MD
 Sample : M1845-19DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C7DL

Quant Time: Apr 06 06:26:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

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

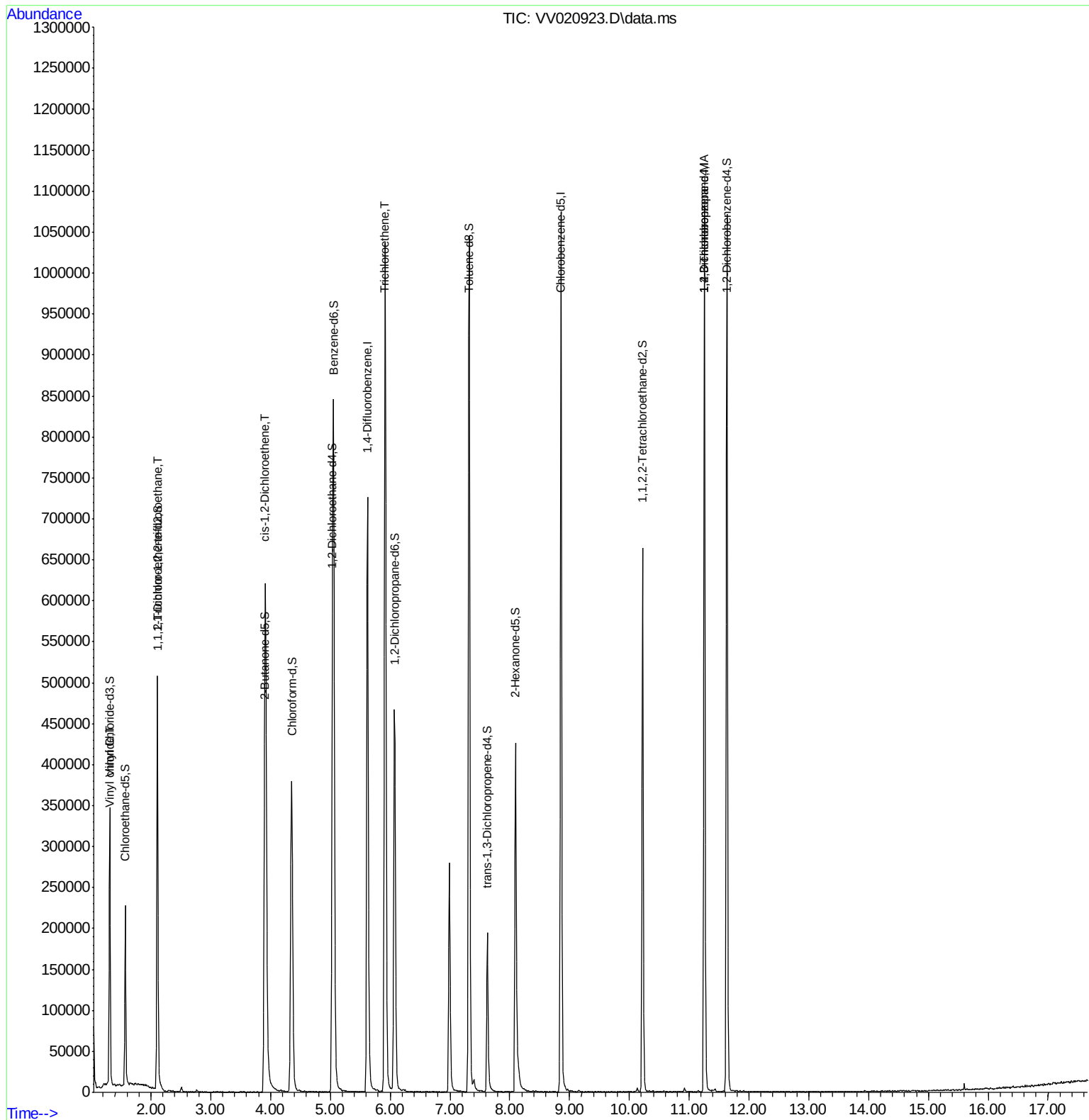
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	640428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	599862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	296767	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153973	33.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.74%		
7) Chloroethane-d5	1.571	69	133149	38.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.46%		
11) 1,1-Dichloroethene-d2	2.108	63	254502	29.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.34%#		
21) 2-Butanone-d5	3.899	46	210428	71.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	71.14%		
24) Chloroform-d	4.352	84	398474	44.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.18%		
26) 1,2-Dichloroethane-d4	5.034	65	269118	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.42%		
32) Benzene-d6	5.053	84	728591	45.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.14%		
36) 1,2-Dichloropropane-d6	6.072	67	210449	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.74%		
41) Toluene-d8	7.320	98	686930	46.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.30%		
43) trans-1,3-Dichloroprop...	7.625	79	116641	44.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.32%		
47) 2-Hexanone-d5	8.095	63	149433	72.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.61%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	283177	39.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.20%		
64) 1,2-Dichlorobenzene-d4	11.632	152	288930	50.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.32%		
Target Compounds						
5) Vinyl chloride	1.314	62	51803	10.59	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2862	0.71	ug/L #	20
20) cis-1,2-Dichloroethene	3.912	96	303779	66.25	ug/L	92
34) Trichloroethene	5.915	95	345505	76.18	ug/L	96
59) 1,2,3-Trichloropropane	11.252	75	28776	5.08	ug/L	92

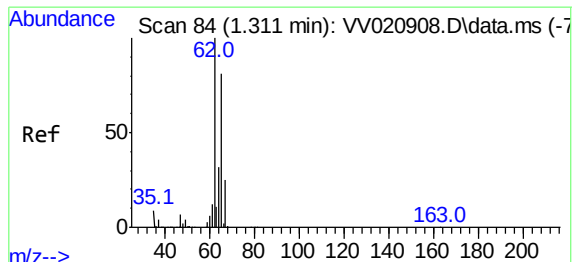
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.59 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.003 min

Lab File: VV020923.D

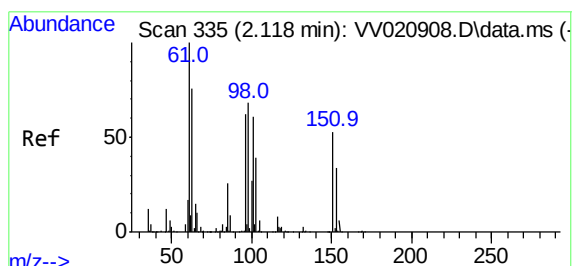
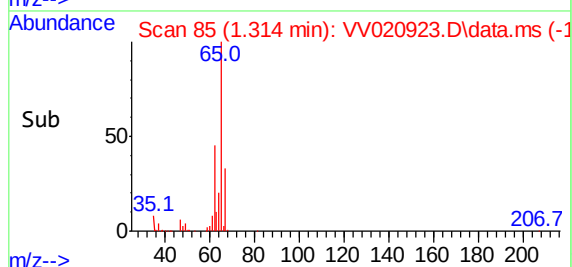
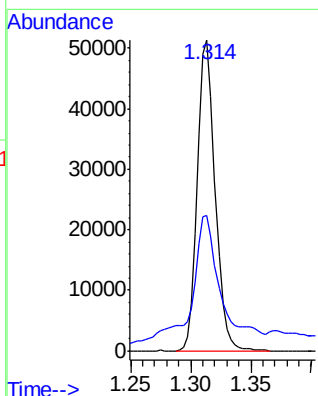
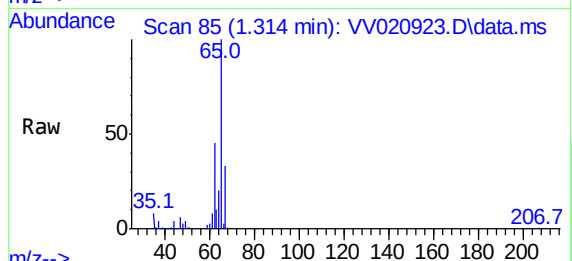
Acq: 05 Apr 2021 18:31

Tgt Ion: 62 Resp: 51803

Ion Ratio Lower Upper

62 100

64 43.6 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. -0.006 min

Lab File: VV020923.D

Acq: 05 Apr 2021 18:31

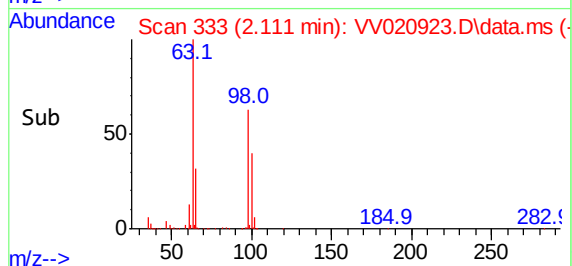
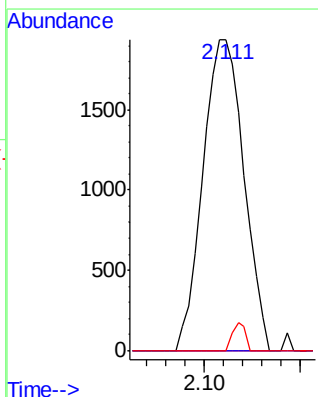
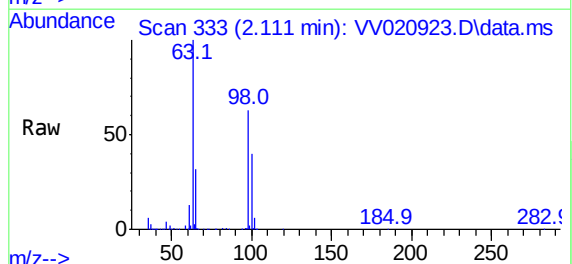
Tgt Ion:101 Resp: 2862

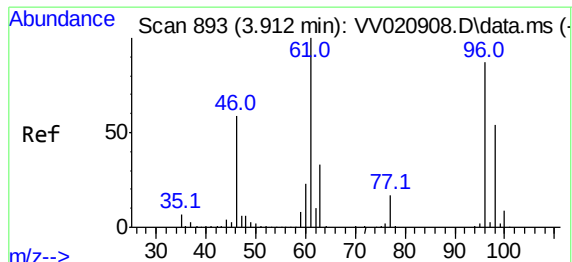
Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

151 3.0 63.5 95.3#

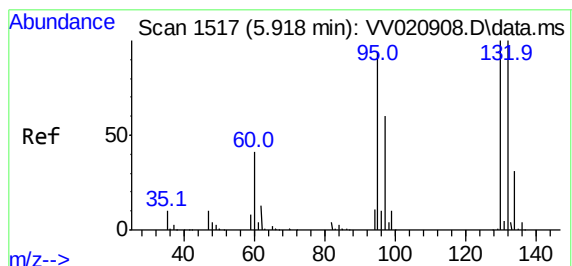
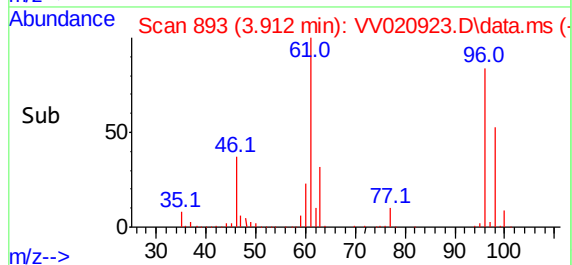
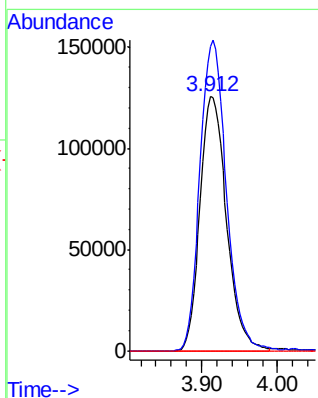
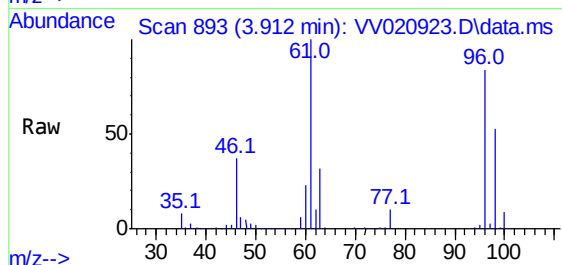




#20
cis-1,2-Dichloroethene
Concen: 66.25 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020923.D
Acq: 05 Apr 2021 18:31

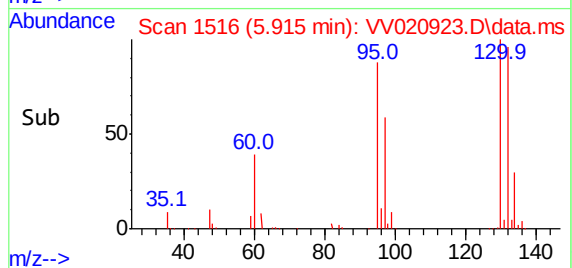
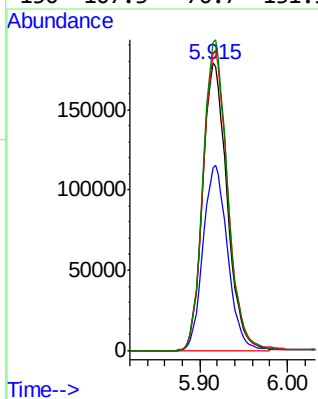
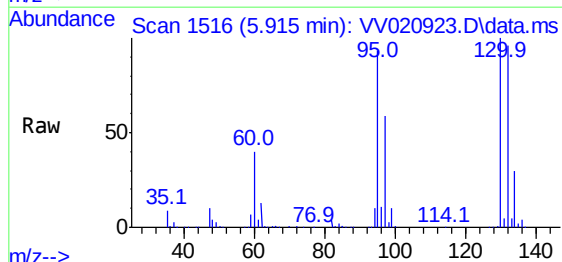
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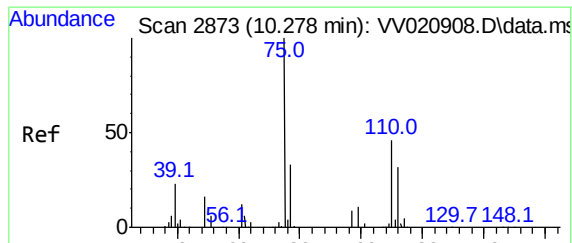
Tgt Ion: 96 Resp: 303779
Ion Ratio Lower Upper
96 100
61 119.7 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 76.18 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020923.D
Acq: 05 Apr 2021 18:31

Tgt Ion: 95 Resp: 345505
Ion Ratio Lower Upper
95 100
97 63.5 43.5 80.9
132 103.4 69.5 129.1
130 107.3 70.7 131.3





#59
 1,2,3-Trichloropropane
 Concen: 5.08 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.974 min
 Lab File: VV020923.D
 Acq: 05 Apr 2021 18:31

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C7DL

Tgt Ion: 75 Resp: 28776
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.3 37.9

