

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020927.D
 Acq On : 05 Apr 2021 20:07
 Operator : SY/MD
 Sample : M1880-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D2

Quant Time: Apr 06 06:27:12 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)

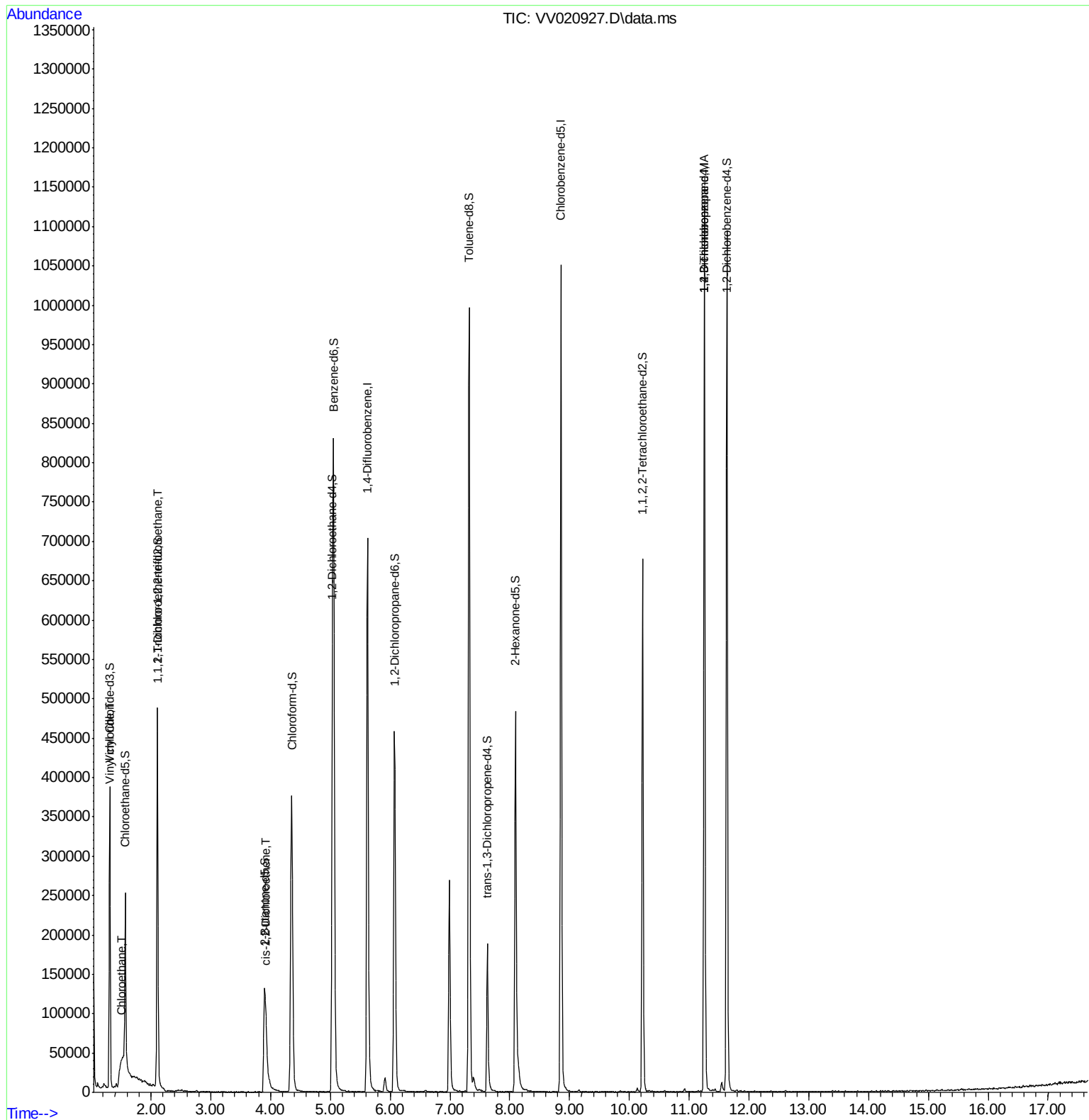
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	624253	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	590530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	307254	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154907	34.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.90%		
7) Chloroethane-d5	1.571	69	125171	37.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.72%		
11) 1,1-Dichloroethene-d2	2.108	63	241990	28.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.88%#		
21) 2-Butanone-d5	3.899	46	226409	78.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.52%		
24) Chloroform-d	4.352	84	389121	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.34%		
26) 1,2-Dichloroethane-d4	5.034	65	265891	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.64%		
32) Benzene-d6	5.053	84	713473	45.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.66%		
36) 1,2-Dichloropropane-d6	6.072	67	205561	42.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.08%		
41) Toluene-d8	7.320	98	672060	45.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.74%		
43) trans-1,3-Dichloroprop...	7.625	79	112607	43.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.60%		
47) 2-Hexanone-d5	8.095	63	168713	83.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.27%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	292771	41.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.18%		
64) 1,2-Dichlorobenzene-d4	11.632	152	289604	48.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.14%		
Target Compounds						
5) Vinyl chloride	1.314	62	82858	17.37	ug/L	98
8) Chloroethane	1.504	64	54596	19.82	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2671	0.68	ug/L #	18
20) cis-1,2-Dichloroethene	3.921	96	13961	3.12	ug/L	92
59) 1,2,3-Trichloropropane	11.256	75	26008	4.66	ug/L #	84

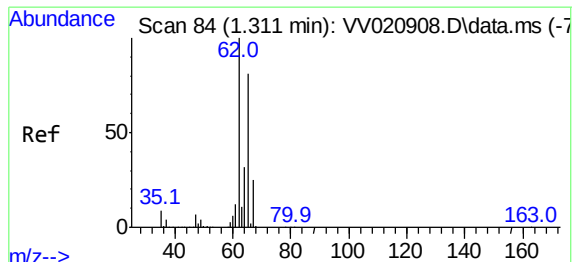
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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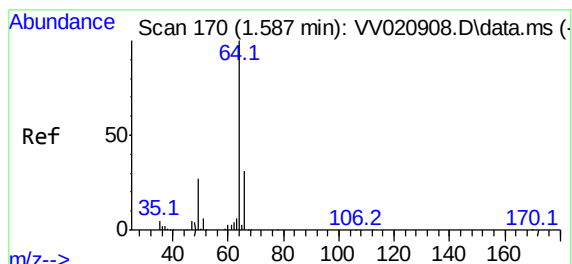
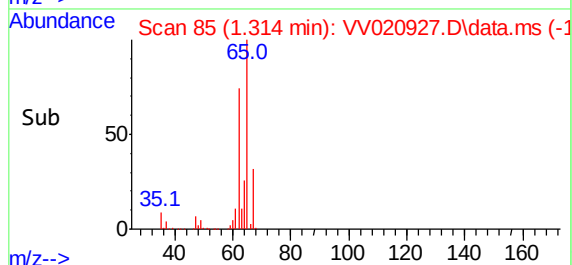
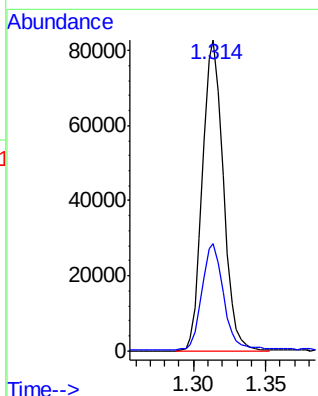
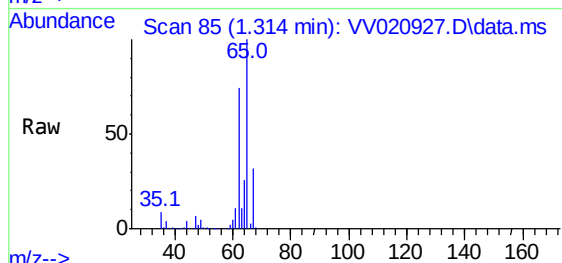




#5
 Vinyl chloride
 Concen: 17.37 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020927.D
 Acq: 05 Apr 2021 20:07

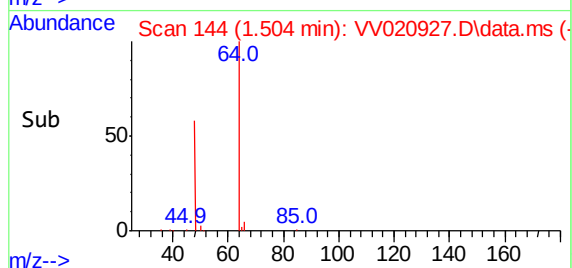
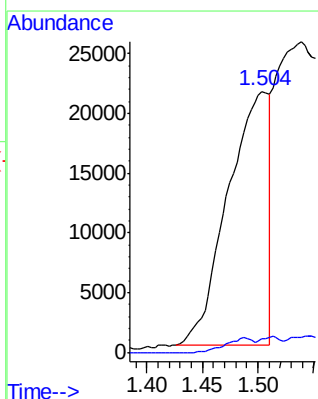
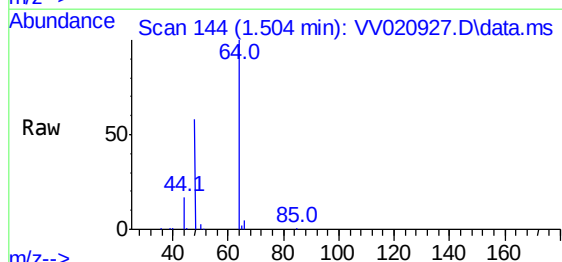
Instrument :
 MSVOA_V
 ClientSampleID :
 EW1D2

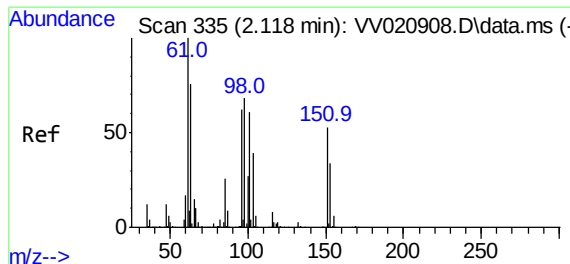
Tgt Ion: 62 Resp: 82858
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.3 43.3



#8
 Chloroethane
 Concen: 19.82 ug/L
 RT: 1.504 min Scan# 144
 Delta R.T. -0.084 min
 Lab File: VV020927.D
 Acq: 05 Apr 2021 20:07

Tgt Ion: 64 Resp: 54596
 Ion Ratio Lower Upper
 64 100
 66 5.2 22.4 41.6#

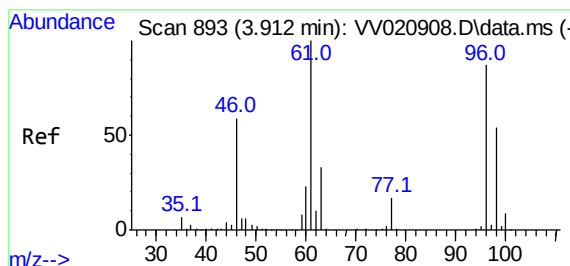
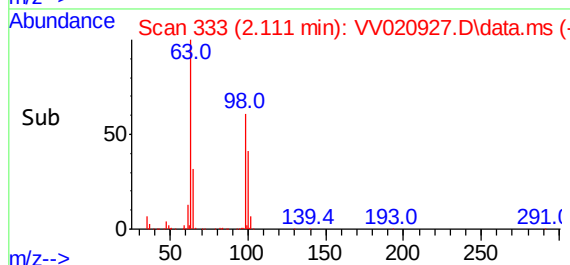
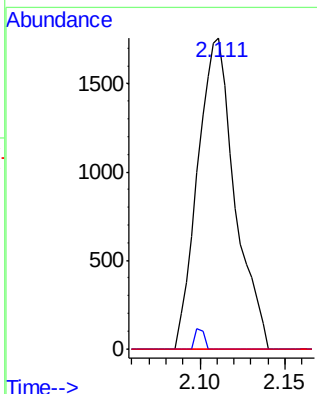
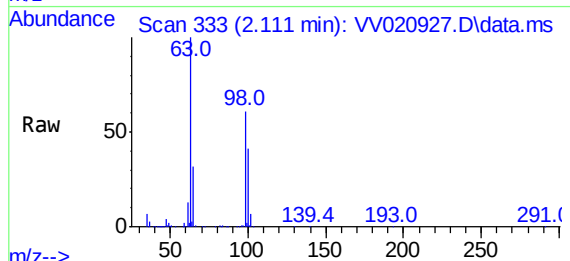




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.68 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020927.D
 Acq: 05 Apr 2021 20:07

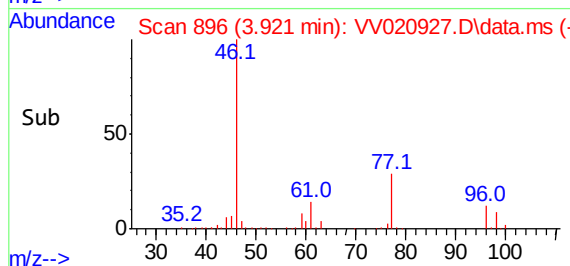
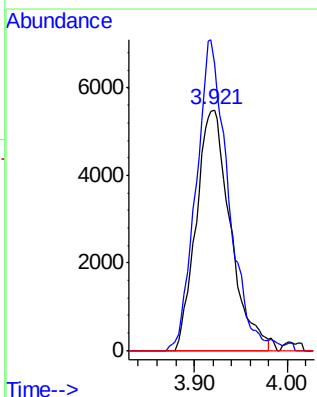
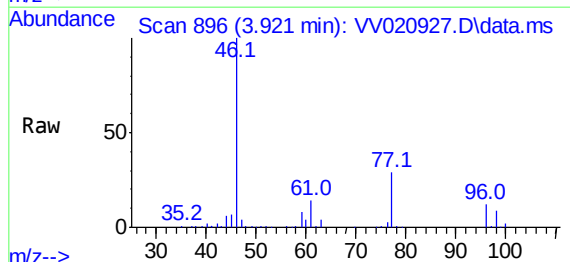
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D2

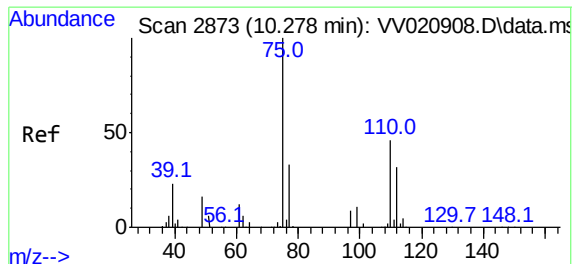
Tgt Ion:101 Resp: 2671
 Ion Ratio Lower Upper
 101 100
 85 1.6 35.4 53.0#
 151 0.0 63.5 95.3#



#20
 cis-1,2-Dichloroethene
 Concen: 3.12 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV020927.D
 Acq: 05 Apr 2021 20:07

Tgt Ion: 96 Resp: 13961
 Ion Ratio Lower Upper
 96 100
 61 119.4 89.9 167.0
 68 0.0 0.0 0.0





#59
 1,2,3-Trichloropropane
 Concen: 4.66 ug/L
 RT: 11.256 min Scan# 3177
 Delta R.T. 0.978 min
 Lab File: VV020927.D
 Acq: 05 Apr 2021 20:07

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1D2

Tgt Ion: 75 Resp: 26008
 Ion Ratio Lower Upper
 75 100
 77 40.6 25.3 37.9#

