

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042621\
 Data File : VW021142.D
 Acq On : 26 Apr 2021 14:51
 Operator : SY/MD
 Sample : M2123-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A6

Quant Time: Apr 27 04:17:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

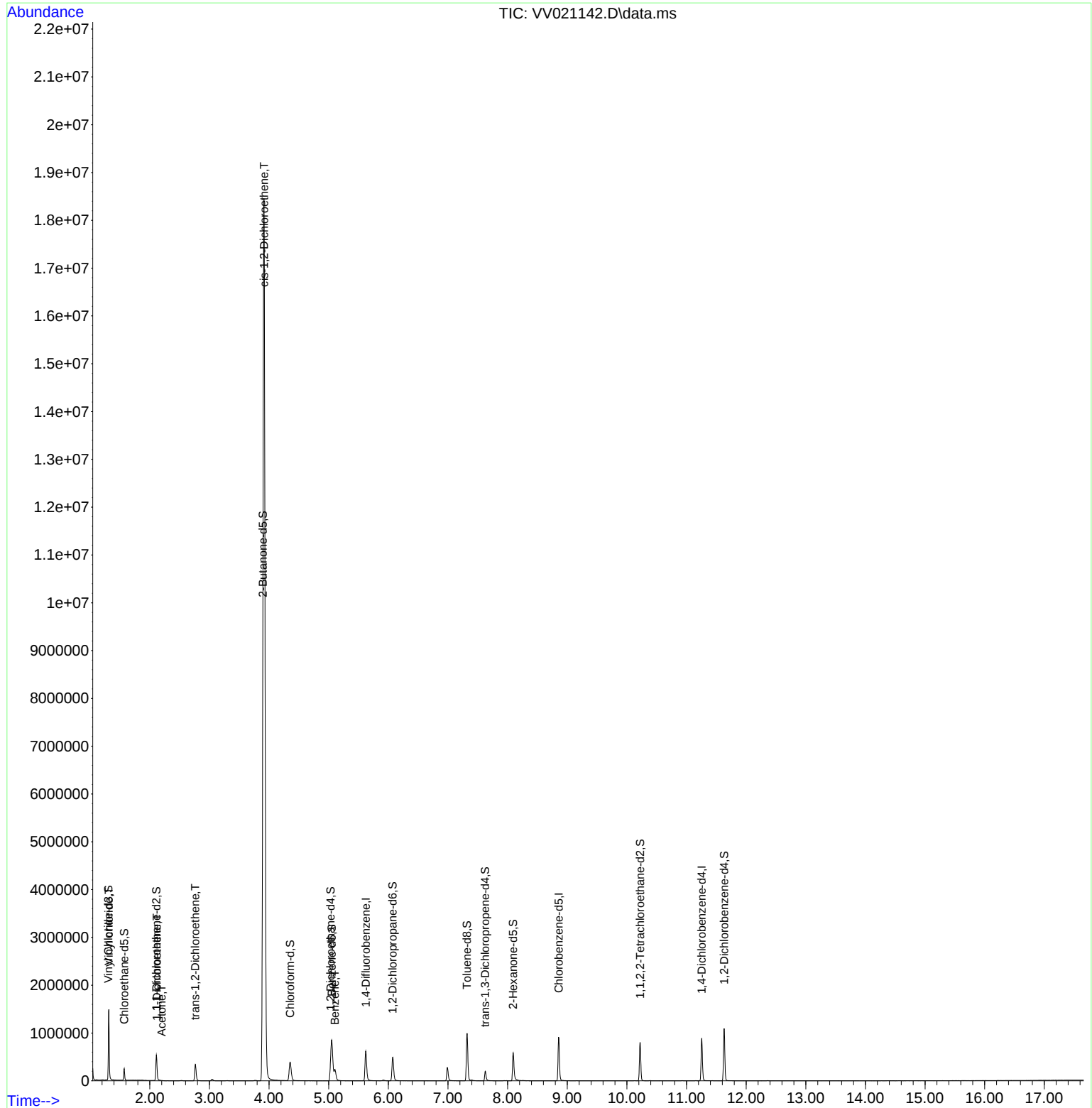
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	536573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	520401	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	239254	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	171655	38.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.86%		
7) Chloroethane-d5	1.571	69	146715	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.46%		
11) 1,1-Dichloroethene-d2	2.111	63	266687	32.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.58%		
21) 2-Butanone-d5	3.895	46	298308	138.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	138.55%#		
24) Chloroform-d	4.352	84	407918	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.80%		
26) 1,2-Dichloroethane-d4	5.034	65	280040	56.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.10%		
32) Benzene-d6	5.053	84	709427	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.38%		
36) 1,2-Dichloropropane-d6	6.072	67	228668	55.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.54%		
41) Toluene-d8	7.320	98	656210	48.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.84%		
43) trans-1,3-Dichloroprop...	7.625	79	117291	51.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.76%		
47) 2-Hexanone-d5	8.091	63	210780	128.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	128.46%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	353777	56.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.40%		
66) 1,2-Dichlorobenzene-d4	11.631	152	282247	59.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.44%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	770036	161.33	ug/L	99
12) 1,1-Dichloroethene	2.121	96	15116	3.95	ug/L #	1
13) Acetone	2.198	43	7066	3.51	ug/L	72
17) trans-1,2-Dichloroethene	2.764	96	126482	34.37	ug/L	96
20) cis-1,2-Dichloroethene	3.915	96	10532196	2681.35	ug/L	98
33) Benzene	5.104	78	245485	16.92	ug/L	100

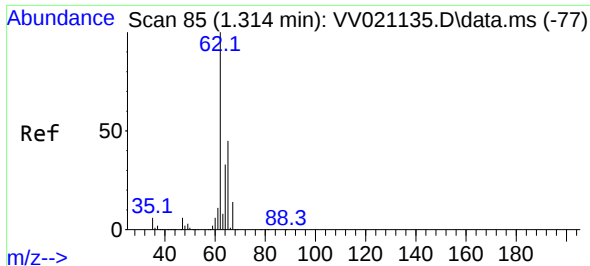
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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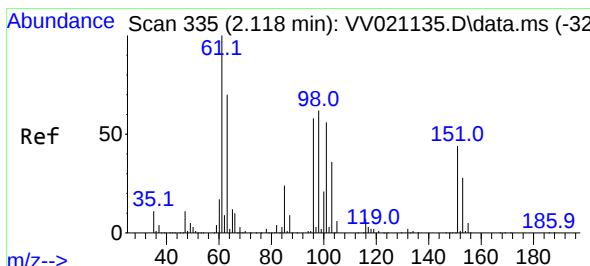
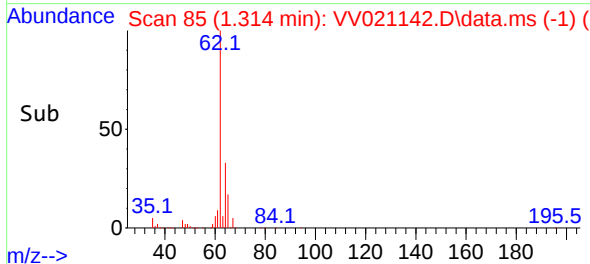
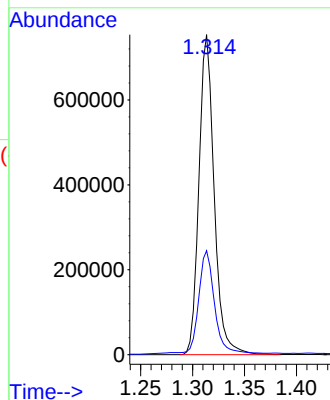
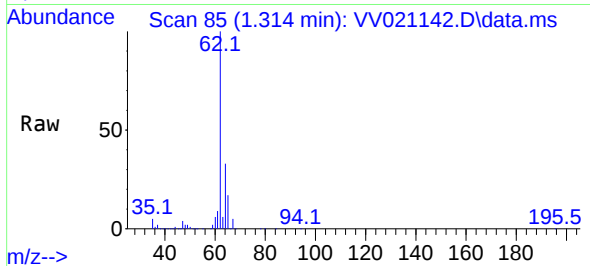




#5
 Vinyl chloride
 Concen: 161.33 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021142.D
 Acq: 26 Apr 2021 14:51

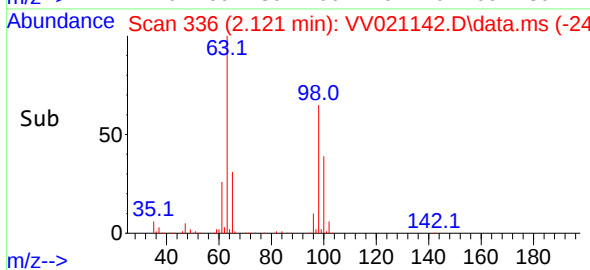
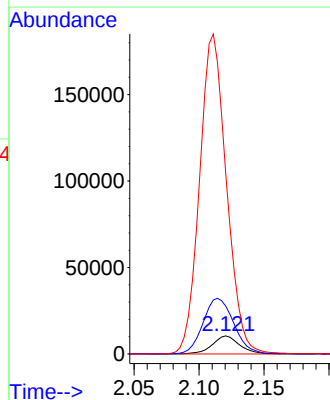
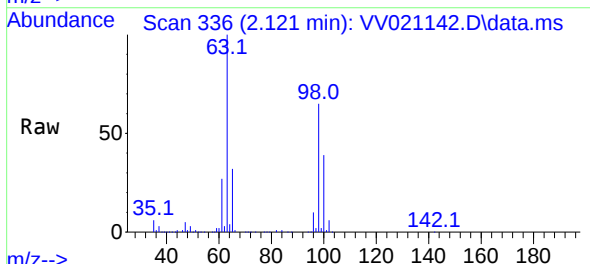
Instrument :
 MSVOA_V
 ClientSampled :
 BG7A6

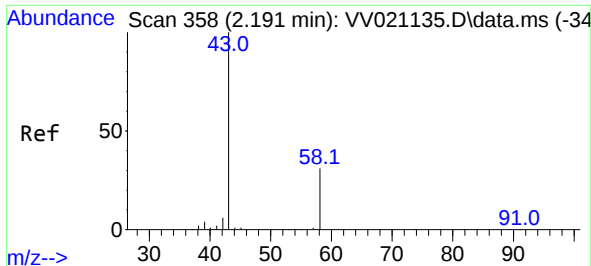
Tgt Ion: 62 Resp: 770036
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 3.95 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV021142.D
 Acq: 26 Apr 2021 14:51

Tgt Ion: 96 Resp: 15116
 Ion Ratio Lower Upper
 96 100
 61 263.8 121.4 225.6#
 63 993.4 98.1 182.1#

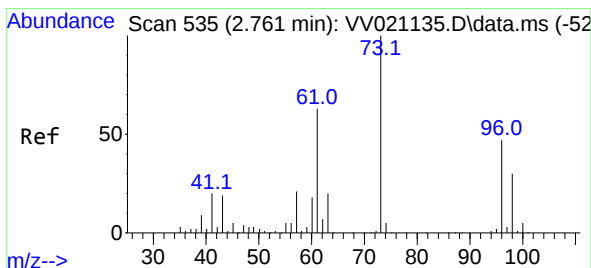
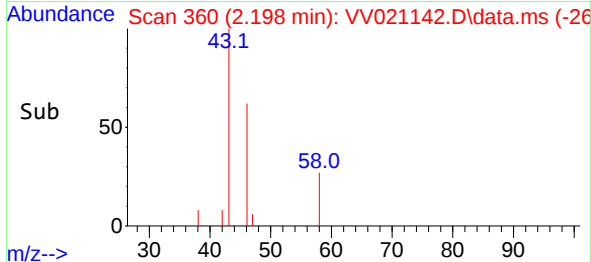
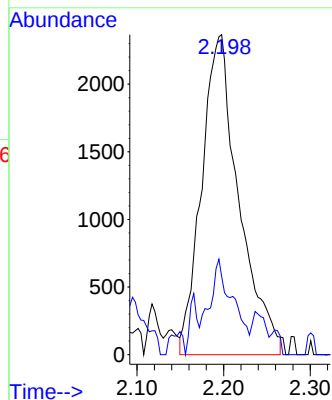
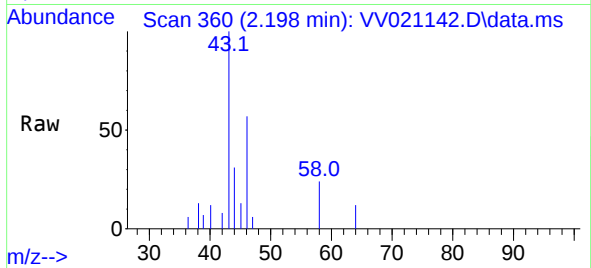




#13
Acetone
Concen: 3.51 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.006 min
Lab File: VV021142.D
Acq: 26 Apr 2021 14:51

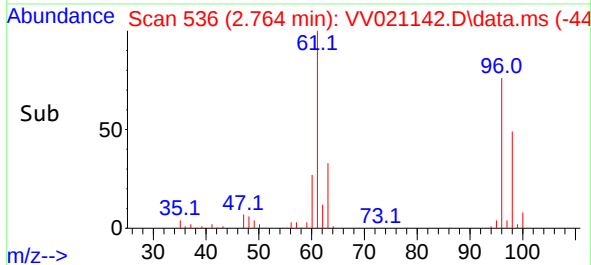
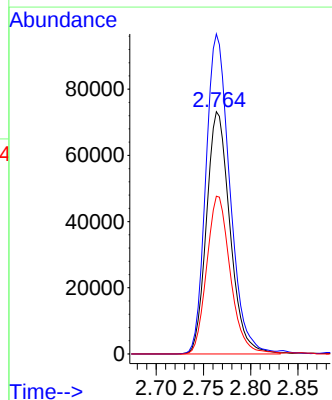
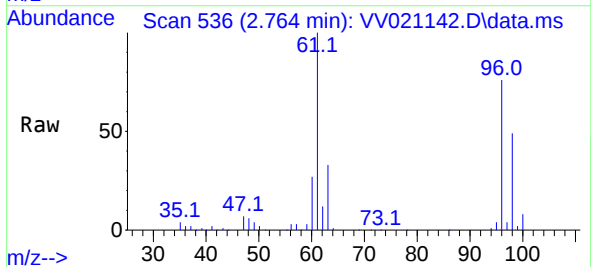
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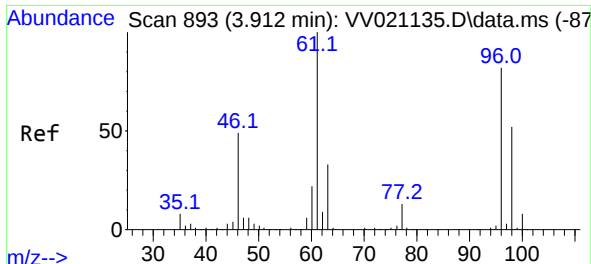
Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
58 3.7 0.0 30.8



#17
trans-1,2-Dichloroethene
Concen: 34.37 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021142.D
Acq: 26 Apr 2021 14:51

Tgt Ion: 96 Resp: 126482
Ion Ratio Lower Upper
96 100
61 132.1 89.3 165.9
98 65.1 44.1 81.9

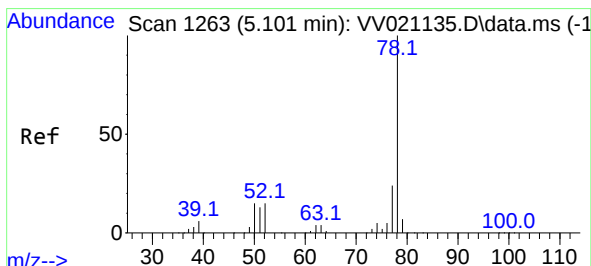
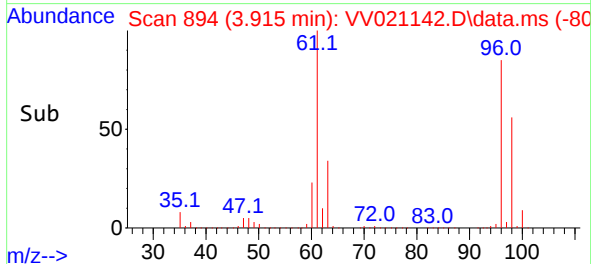
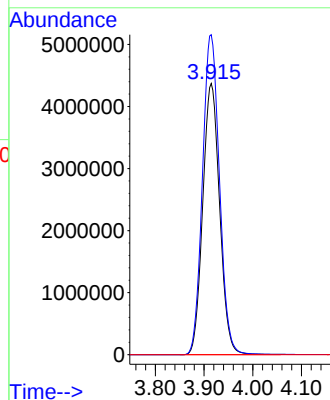
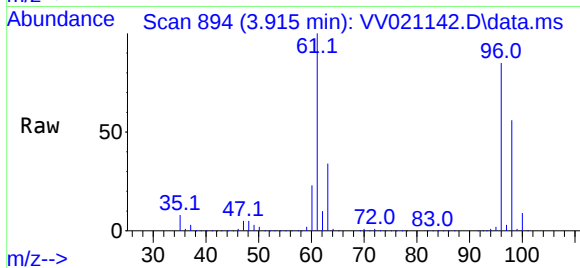




#20
cis-1,2-Dichloroethene
Concen: 2681.35 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021142.D
Acq: 26 Apr 2021 14:51

Instrument :
MSVOA_V
ClientSampleId :
BG7A6

Tgt Ion: 96 Resp:10532196
Ion Ratio Lower Upper
96 100
61 118.0 84.4 156.7
68 0.0 0.0 0.0



#33
Benzene
Concen: 16.92 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021142.D
Acq: 26 Apr 2021 14:51

Tgt Ion: 78 Resp: 245485

