

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020113.D
 Acq On : 21 Jan 2021 16:54
 Operator : SY/MD
 Sample : M1181-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E21DL

Quant Time: Jan 22 06:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

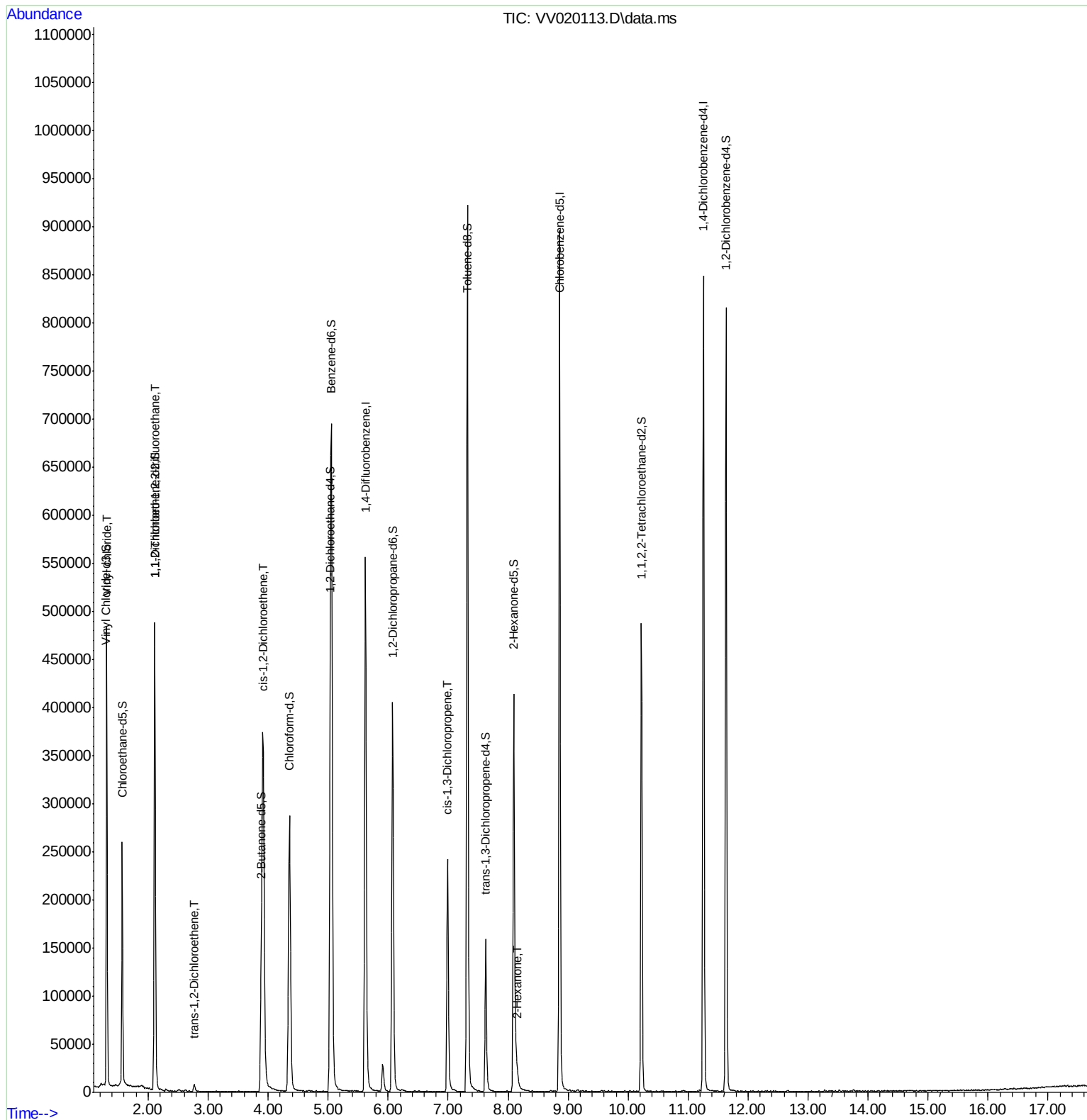
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	446494	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	436830	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	198827	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	169617	51.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	102.44%		
7) Chloroethane-d5	1.569	69	147370	53.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.32%		
11) 1,1-Dichloroethene-d2	2.110	63	255310	38.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.20%		
21) 2-Butanone-d5	3.888	46	196797	86.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.65%		
24) Chloroform-d	4.354	84	286085	46.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.24%		
26) 1,2-Dichloroethane-d4	5.036	65	213737	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.42%		
32) Benzene-d6	5.055	84	573134	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.28%		
36) 1,2-Dichloropropane-d6	6.074	67	177988	46.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.74%		
41) Toluene-d8	7.322	98	580308	51.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.70%		
43) trans-1,3-Dichloroprop...	7.627	79	89226	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.02%		
47) 2-Hexanone-d5	8.093	63	132160	83.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.71%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	215039	41.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.72%		
64) 1,2-Dichlorobenzene-d4	11.633	152	189253	50.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.30%		
Target Compounds						
5) Vinyl chloride	1.312	62	142046	36.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2400	0.76	ug/L #	31
17) trans-1,2-Dichloroethene	2.769	96	2698	0.90	ug/L	92
20) cis-1,2-Dichloroethene	3.917	96	174506	54.02	ug/L	100
39) cis-1,3-Dichloropropene	6.990	75	6526	1.23	ug/L	84
48) 2-Hexanone	8.148	43	14624	3.67	ug/L #	74

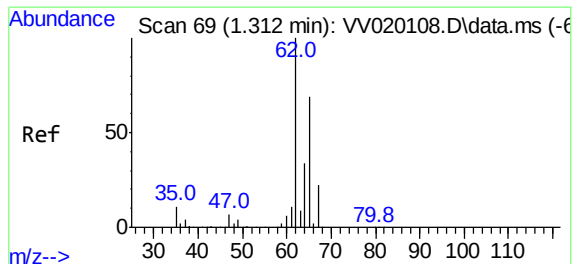
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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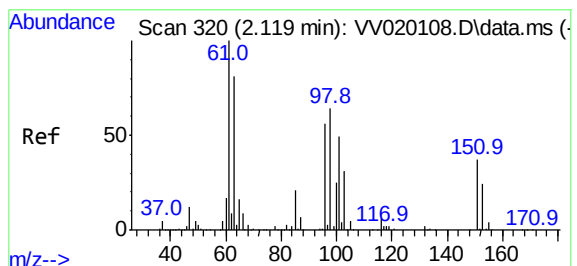
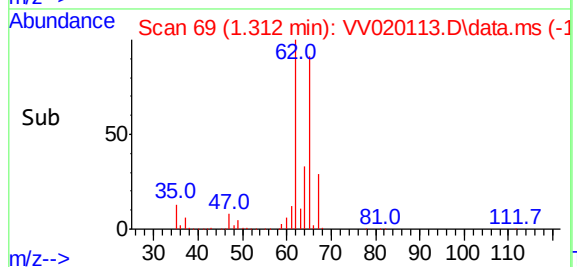
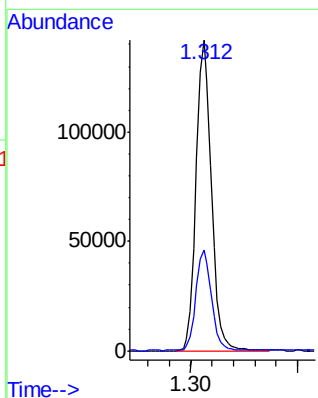
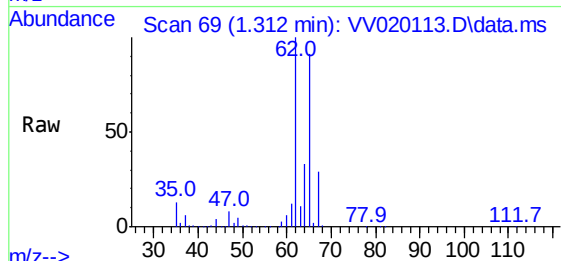




#5
 Vinyl chloride
 Concen: 36.72 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020113.D
 Acq: 21 Jan 2021 16:54

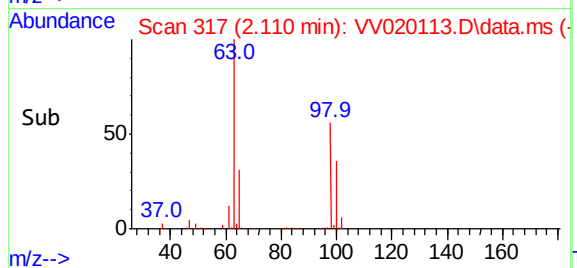
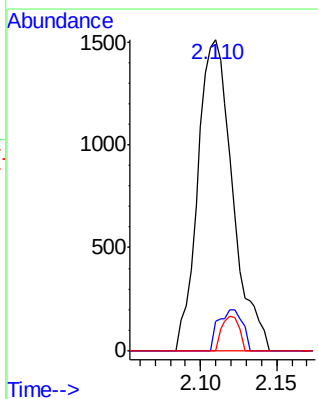
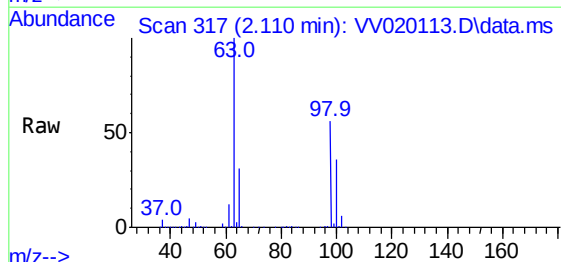
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E21DL

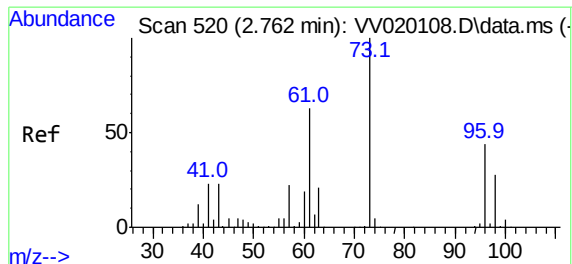
Tgt Ion: 62 Resp: 142046
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.76 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020113.D
 Acq: 21 Jan 2021 16:54

Tgt Ion:101 Resp: 2400
 Ion Ratio Lower Upper
 101 100
 85 6.6 35.3 52.9#
 151 5.4 53.6 80.4#

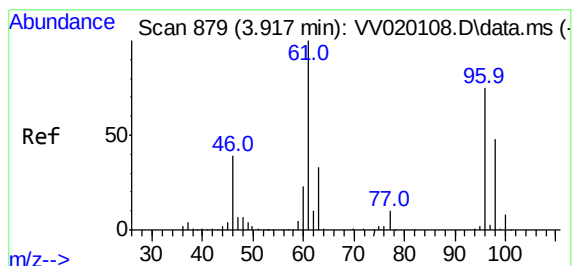
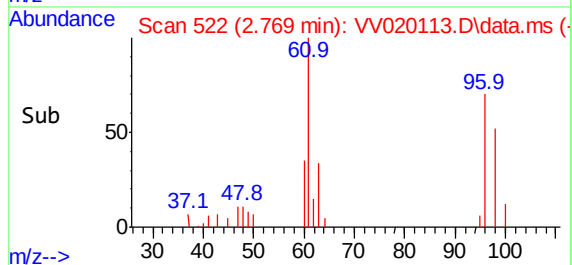
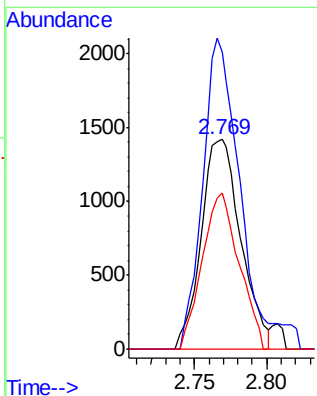
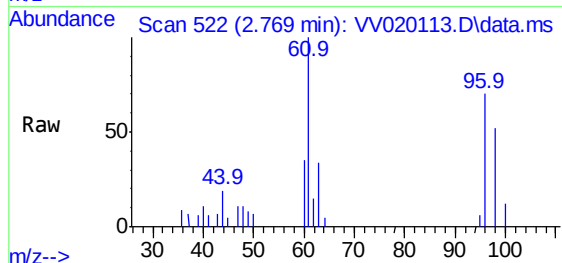




#17
trans-1,2-Dichloroethene
Concen: 0.90 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.006 min
Lab File: VV020113.D
Acq: 21 Jan 2021 16:54

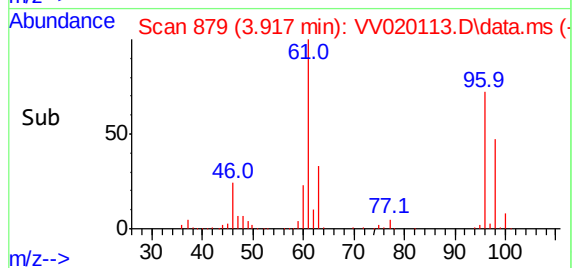
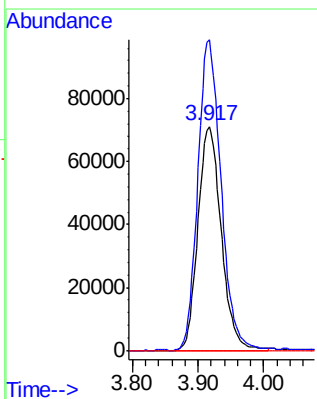
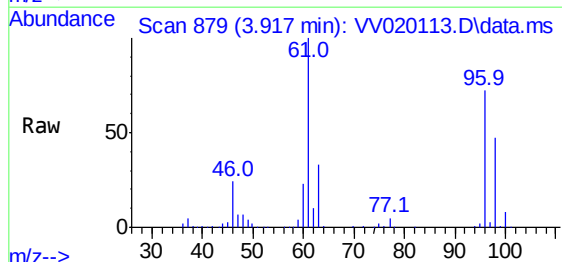
Instrument :
MSVOA_V
ClientSampleId :
F1E21DL

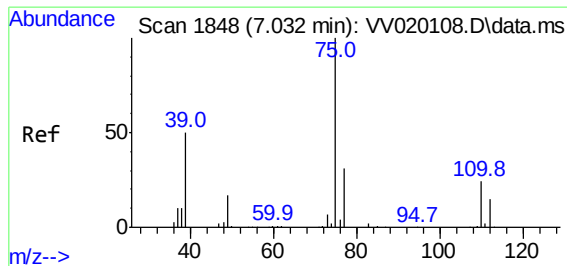
Tgt Ion: 96 Resp: 2698
Ion Ratio Lower Upper
96 100
61 141.9 103.1 191.5
98 74.3 43.1 80.1



#20
cis-1,2-Dichloroethene
Concen: 54.02 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020113.D
Acq: 21 Jan 2021 16:54

Tgt Ion: 96 Resp: 174506
Ion Ratio Lower Upper
96 100
61 138.5 96.9 179.9
68 0.0 0.0 0.0

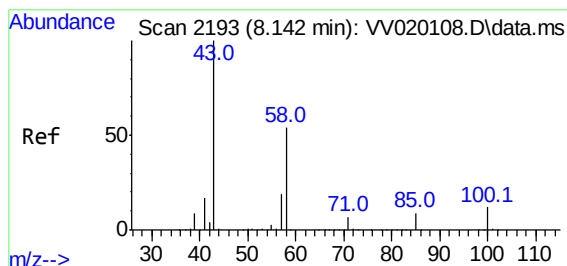
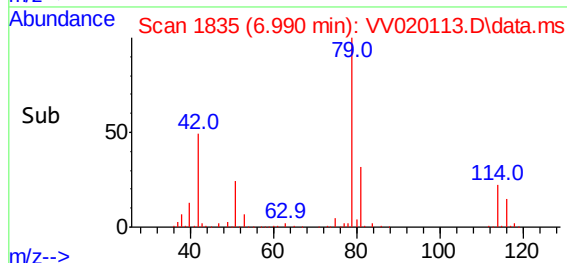
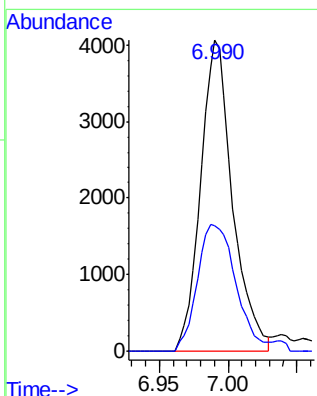
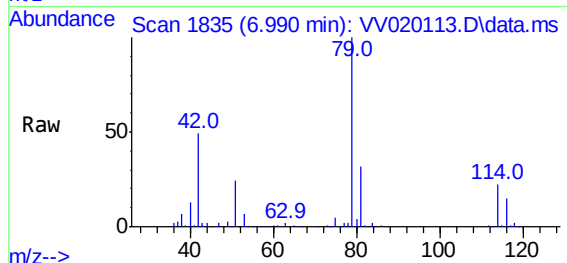




#39
cis-1,3-Dichloropropene
Concen: 1.23 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020113.D
Acq: 21 Jan 2021 16:54

Instrument :
MSVOA_V
ClientSampleId :
F1E21DL

Tgt Ion: 75 Resp: 6526
Ion Ratio Lower Upper
75 100
77 40.3 21.8 40.6



#48
2-Hexanone
Concen: 3.67 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020113.D
Acq: 21 Jan 2021 16:54

Tgt Ion: 43 Resp: 14624
Ion Ratio Lower Upper
43 100
58 29.0 41.8 62.6#
57 12.9 15.0 22.4#
100 4.9 8.9 13.3#

