

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020830.D
 Acq On : 01 Apr 2021 15:03
 Operator : SY/MD
 Sample : M1879-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

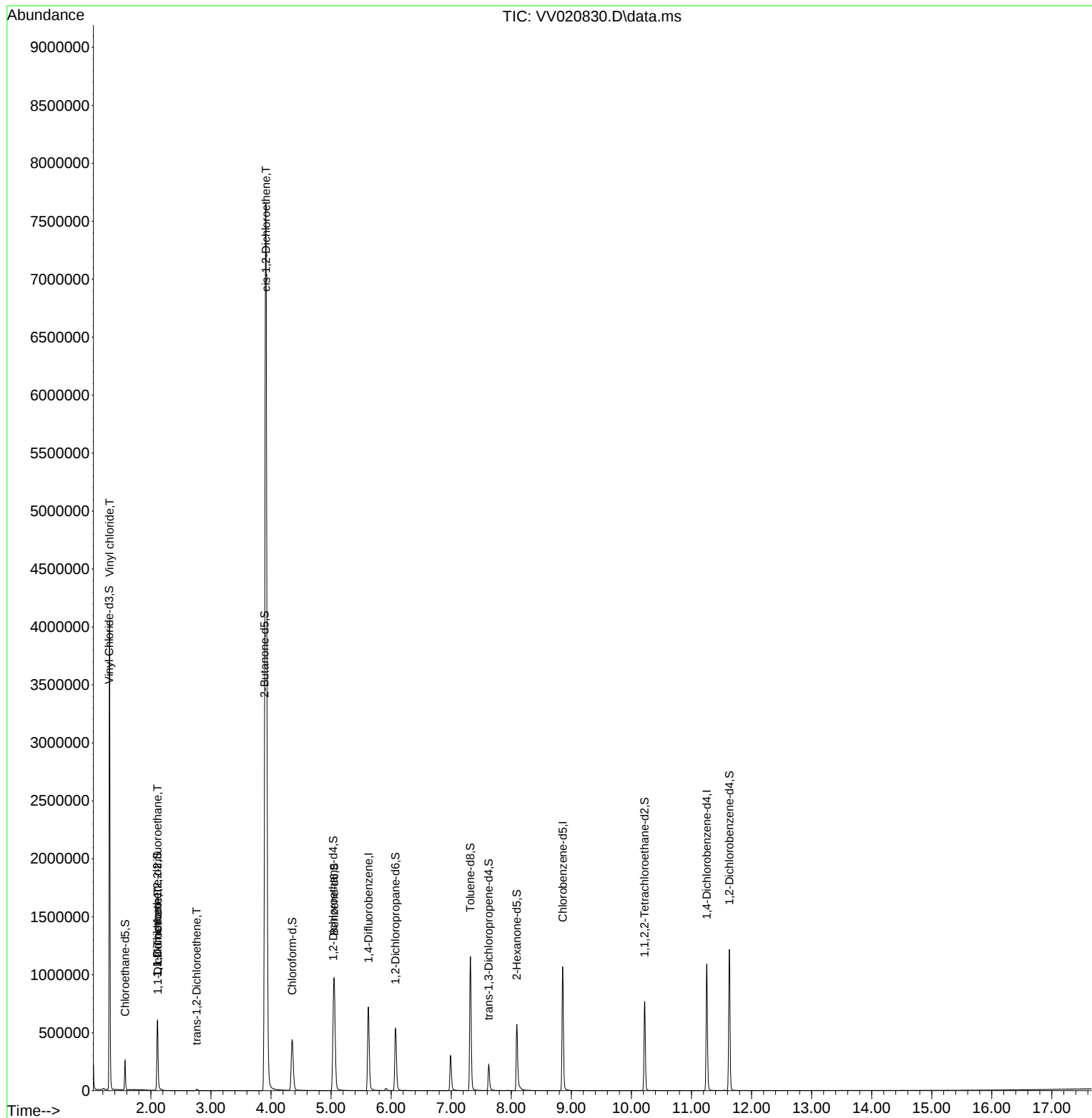
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	621011	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	597288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	292109	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	197831	44.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.74%		
7) Chloroethane-d5	1.571	69	152056	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.24%		
11) 1,1-Dichloroethene-d2	2.108	63	306973	36.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.80%		
21) 2-Butanone-d5	3.892	46	271677	94.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.72%		
24) Chloroform-d	4.352	84	450854	51.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.90%		
26) 1,2-Dichloroethane-d4	5.037	65	306339	53.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.14%		
32) Benzene-d6	5.053	84	818809	51.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.86%		
36) 1,2-Dichloropropane-d6	6.072	67	242897	49.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.38%		
41) Toluene-d8	7.320	98	762144	51.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.86%		
43) trans-1,3-Dichloroprop...	7.625	79	126948	48.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.62%		
47) 2-Hexanone-d5	8.091	63	195151	95.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.23%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	333936	46.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.80%		
64) 1,2-Dichlorobenzene-d4	11.632	152	321850	56.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.54%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	2249842	474.19	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2699	0.69	ug/L #	18
12) 1,1-Dichloroethene	2.117	96	11633	3.21	ug/L #	1
17) trans-1,2-Dichloroethene	2.764	96	4352	1.05	ug/L	87
20) cis-1,2-Dichloroethene	3.915	96	4214812	947.91	ug/L	96

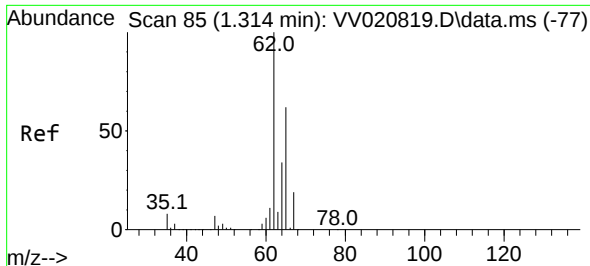
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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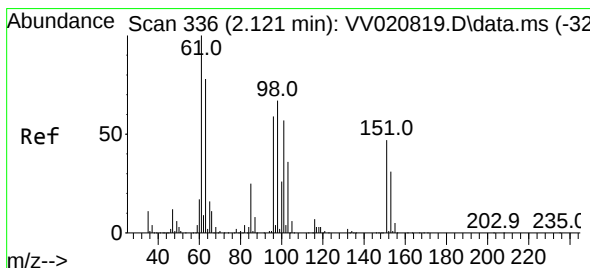
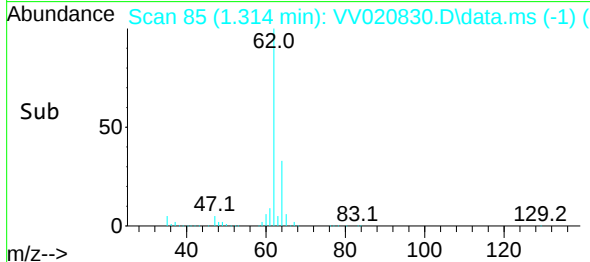
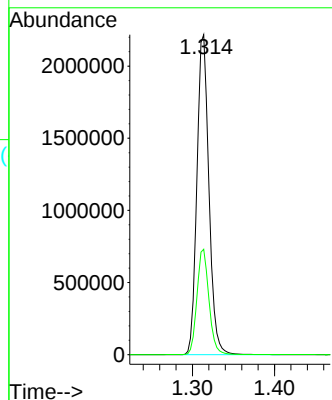
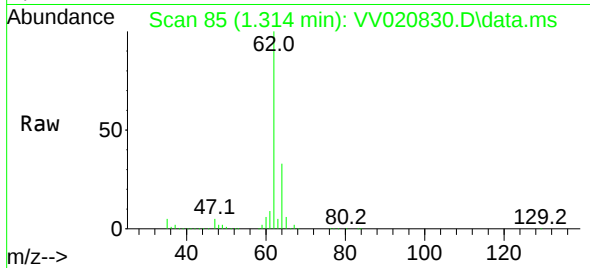




#5
 Vinyl chloride
 Concen: 474.19 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020830.D
 Acq: 01 Apr 2021 15:03

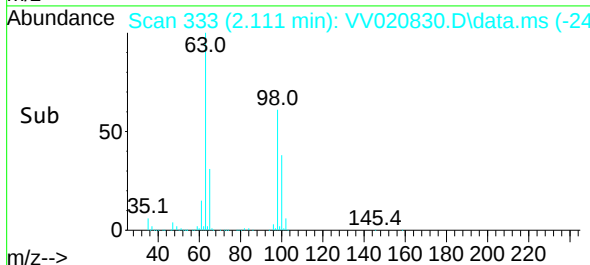
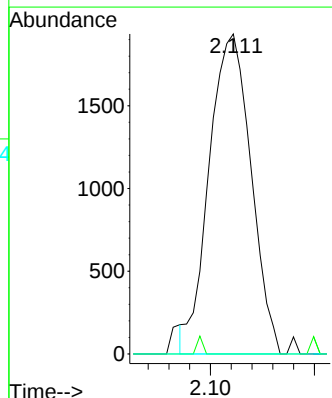
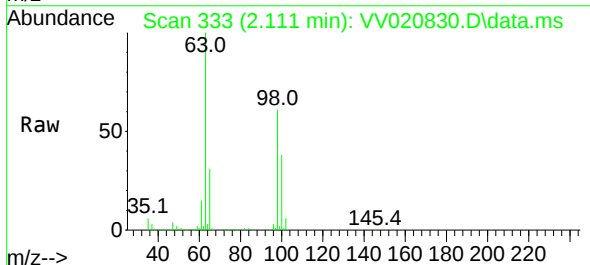
Instrument :
 MSVOA_V
 ClientSampled :

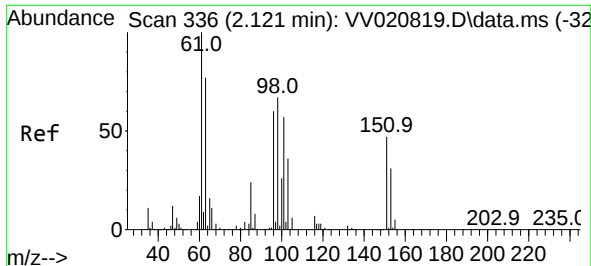
Tgt Ion: 62 Resp: 2249842
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.3 43.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.69 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV020830.D
 Acq: 01 Apr 2021 15:03

Tgt Ion: 101 Resp: 2699
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 0.0 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 3.21 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.003 min

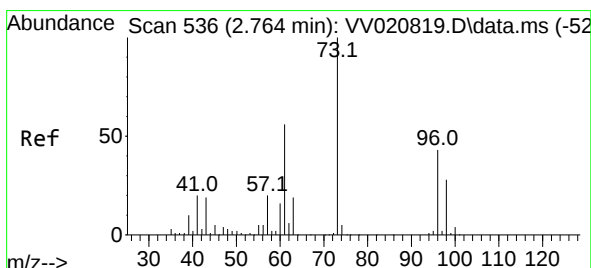
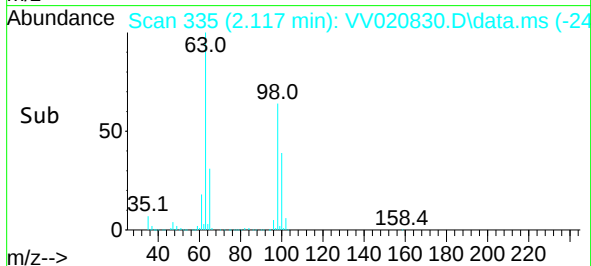
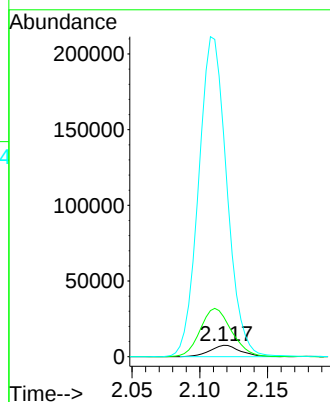
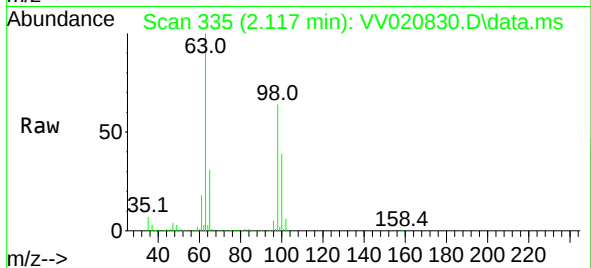
Lab File: VV020830.D

Acq: 01 Apr 2021 15:03

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 96 Resp: 11633

Ion	Ratio	Lower	Upper
96	100		
61	352.9	126.3	234.6#
63	1963.6	100.2	186.2#



#17

trans-1,2-Dichloroethene

Concen: 1.05 ug/L

RT: 2.764 min Scan# 536

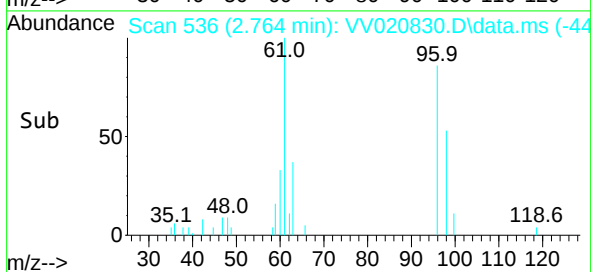
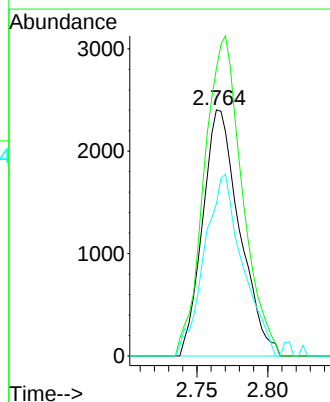
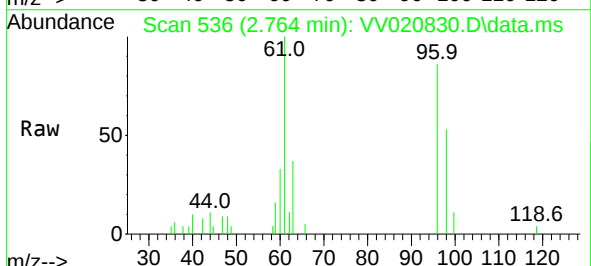
Delta R.T. 0.000 min

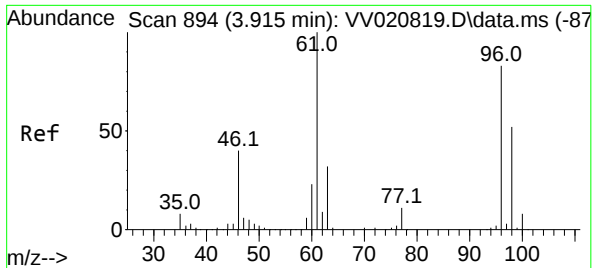
Lab File: VV020830.D

Acq: 01 Apr 2021 15:03

Tgt Ion: 96 Resp: 4352

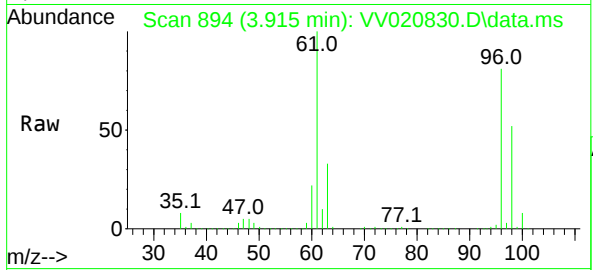
Ion	Ratio	Lower	Upper
96	100		
61	116.7	97.9	181.9
98	61.9	43.9	81.5





#20
 cis-1,2-Dichloroethene
 Concen: 947.91 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV020830.D
 Acq: 01 Apr 2021 15:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 4214812

Ion	Ratio	Lower	Upper
96	100		
61	123.7	89.9	167.0
68	0.0	0.0	0.0

