

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020895.D
 Acq On : 02 Apr 2021 22:38
 Operator : SY/MD
 Sample : M1879-16DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C2DL

Quant Time: Apr 03 02:08:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 02:06:54 2021
 Response via : Initial Calibration

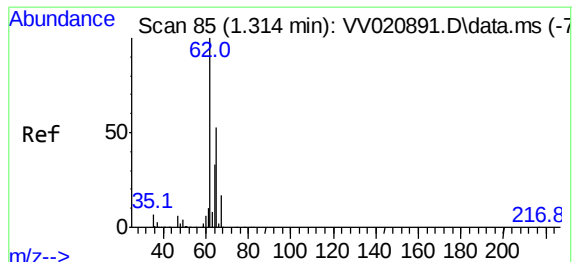
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	525522	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	514812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	247071	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	147281	39.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.96%		
7) Chloroethane-d5	1.568	69	121306	43.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.02%		
11) 1,1-Dichloroethene-d2	2.108	63	241619	34.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.64%		
21) 2-Butanone-d5	3.892	46	249087	102.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.62%		
24) Chloroform-d	4.558	84	288	0.04	ug/L	0.21
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.08%#		
26) 1,2-Dichloroethane-d4	5.037	65	281188	57.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.12%		
32) Benzene-d6	5.053	84	726398	52.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.88%		
36) 1,2-Dichloropropane-d6	6.072	67	217928	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.46%		
41) Toluene-d8	7.320	98	697652	54.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.24%		
43) trans-1,3-Dichloroprop...	7.625	79	116316	51.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.78%		
47) 2-Hexanone-d5	8.091	63	164362	93.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.05%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	299831	48.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.72%		
64) 1,2-Dichlorobenzene-d4	11.632	152	296602	61.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	123.70%#		
Target Compounds						
5) Vinyl chloride	1.310	62	543453	135.35	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2265	0.69	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	10628	3.47	ug/L #	1
17) trans-1,2-Dichloroethene	2.764	96	6850	1.95	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	3296905	876.20	ug/L	93
34) Trichloroethene	5.918	95	337116	86.61	ug/L	95
48) 2-Hexanone	8.149	43	11152	2.93	ug/L #	80
59) 1,2,3-Trichloropropane	11.252	75	21707	4.46	ug/L	92

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

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#5

Vinyl chloride

Concen: 135.35 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.003 min

Lab File: VV020895.D

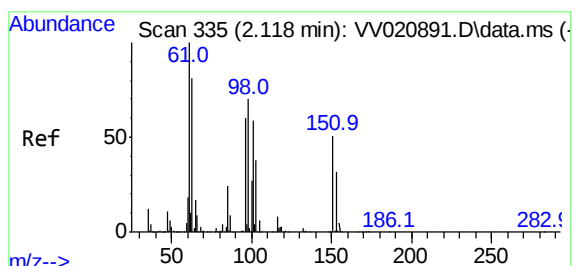
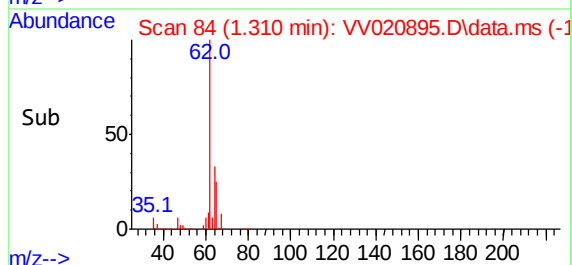
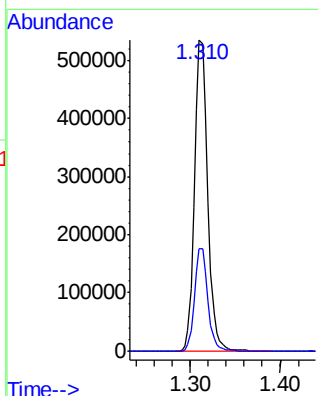
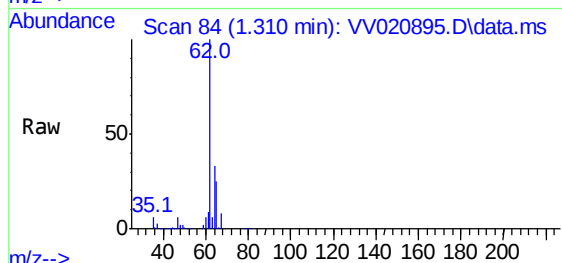
Acq: 02 Apr 2021 22:38

Tgt Ion: 62 Resp: 543453

Ion Ratio Lower Upper

62 100

64 32.7 23.3 43.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.69 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.013 min

Lab File: VV020895.D

Acq: 02 Apr 2021 22:38

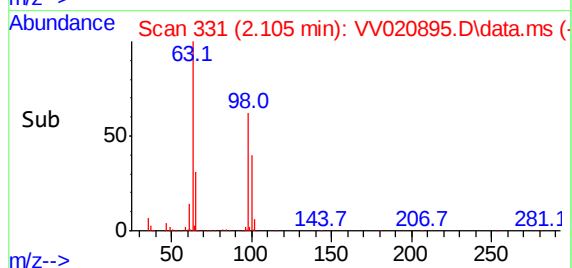
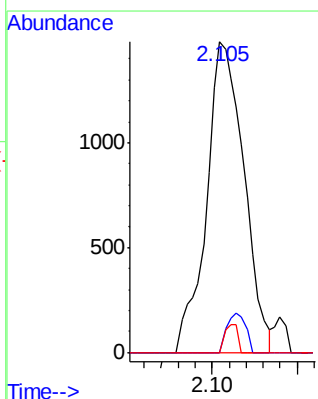
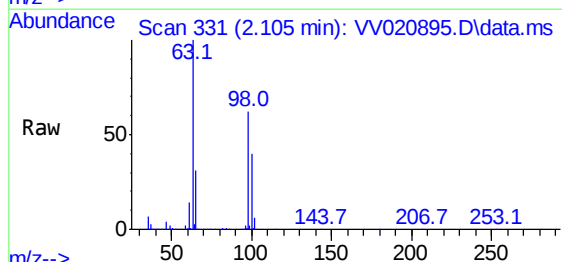
Tgt Ion:101 Resp: 2265

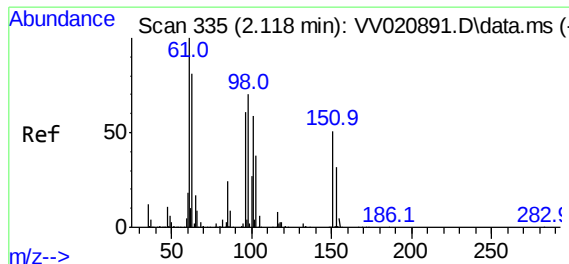
Ion Ratio Lower Upper

101 100

85 6.3 35.4 53.0#

151 3.2 63.5 95.3#

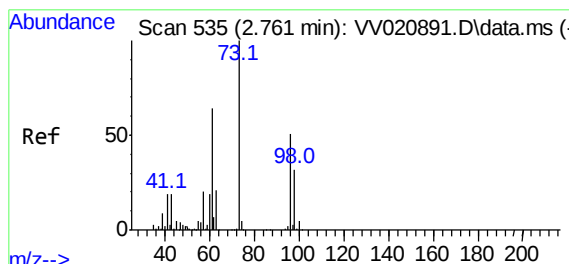
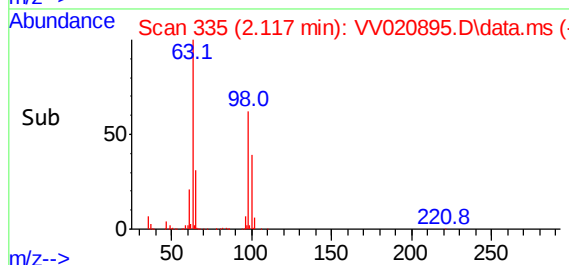
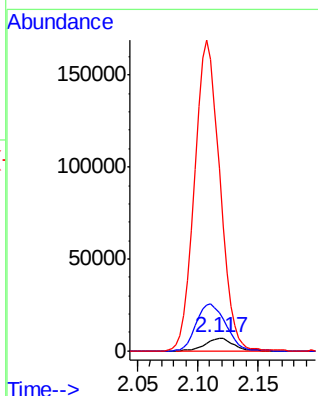
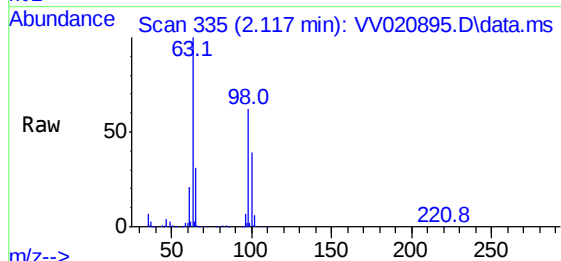




#12
1,1-Dichloroethene
Concen: 3.47 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

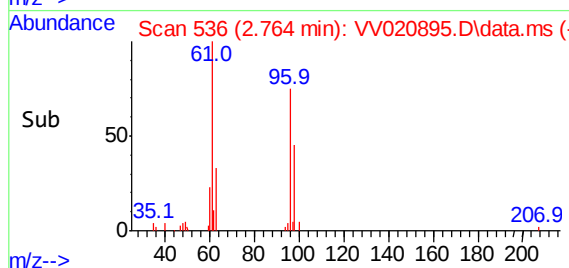
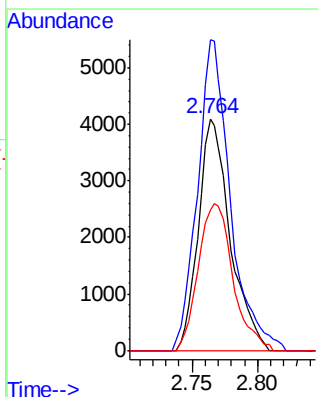
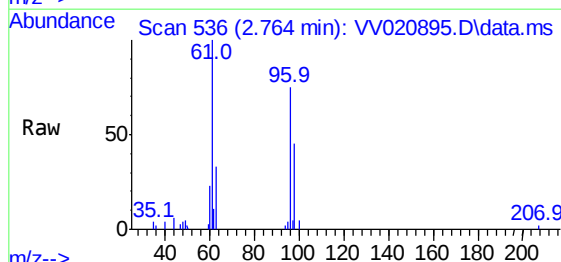
Instrument :
MSVOA_V
ClientSampleId :
EW1C2DL

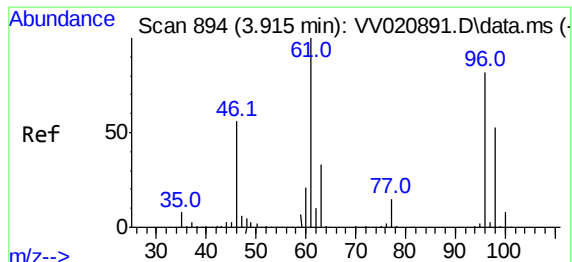
Tgt Ion: 96 Resp: 10628
Ion Ratio Lower Upper
96 100
61 299.0 126.3 234.6#
63 1440.3 100.2 186.2#



#17
trans-1,2-Dichloroethene
Concen: 1.95 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

Tgt Ion: 96 Resp: 6850
Ion Ratio Lower Upper
96 100
61 133.9 97.9 181.9
98 60.5 43.9 81.5

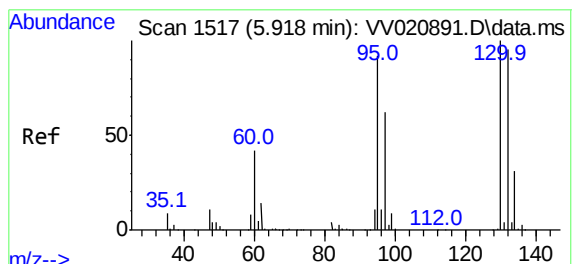
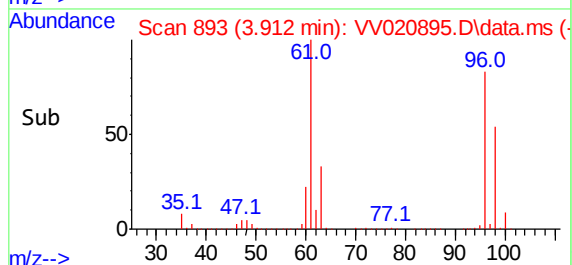
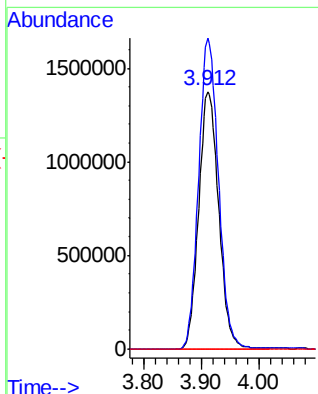
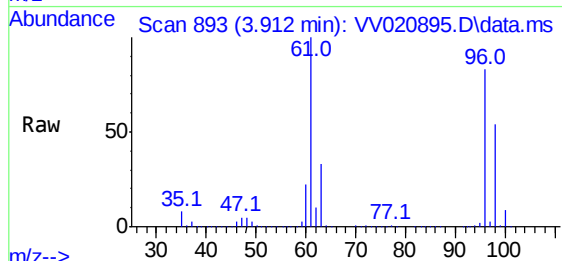




#20
cis-1,2-Dichloroethene
Concen: 876.20 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

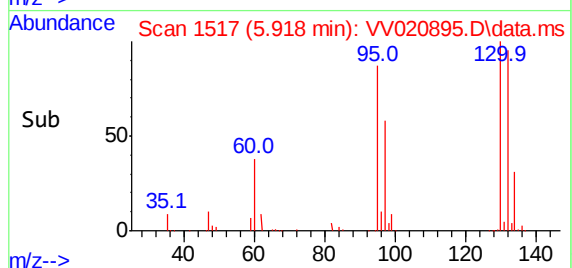
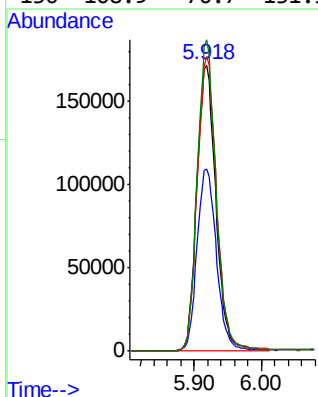
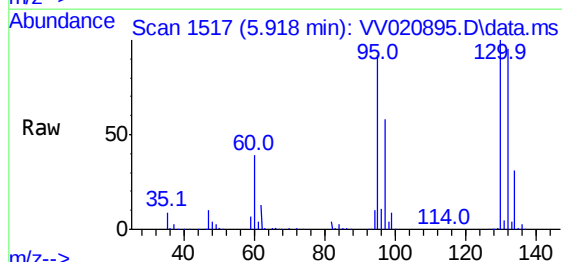
Instrument :
MSVOA_V
ClientSampleId :
EW1C2DL

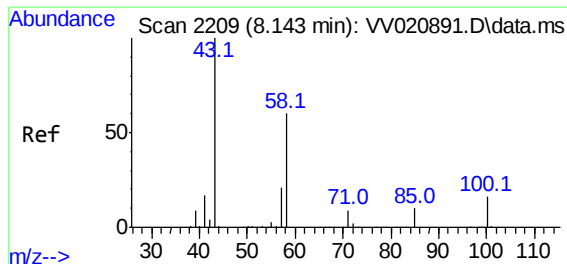
Tgt Ion: 96 Resp: 3296905
Ion Ratio Lower Upper
96 100
61 120.7 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 86.61 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

Tgt Ion: 95 Resp: 337116
Ion Ratio Lower Upper
95 100
97 63.5 43.5 80.9
132 103.1 69.5 129.1
130 108.9 70.7 131.3



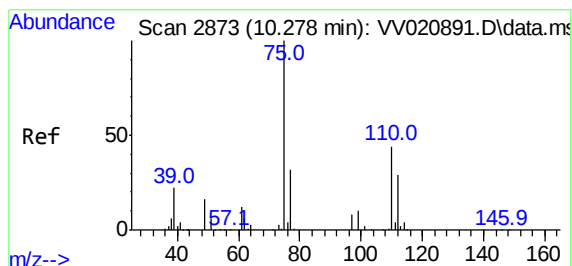
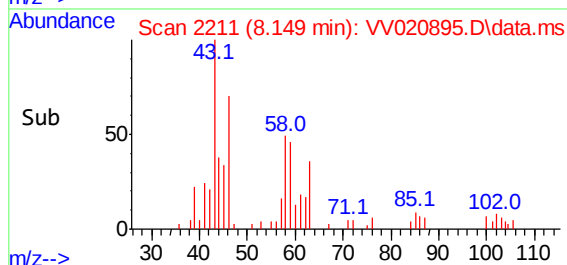
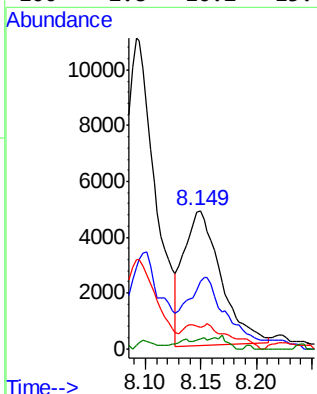
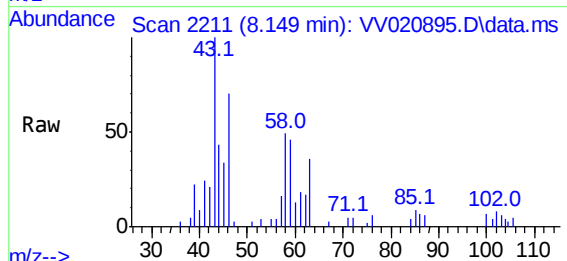


#48
2-Hexanone
Concen: 2.93 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

Instrument :
MSVOA_V
ClientSampleId :
EW1C2DL

Tgt Ion: 43 Resp: 11152

Ion	Ratio	Lower	Upper
43	100		
58	47.0	45.8	68.8
57	2.7	15.4	23.2#
100	2.8	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 4.46 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020895.D
Acq: 02 Apr 2021 22:38

Tgt Ion: 75 Resp: 21707

Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.3	37.9

