

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020881.D
 Acq On : 02 Apr 2021 16:40
 Operator : SY/MD
 Sample : M1845-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B8

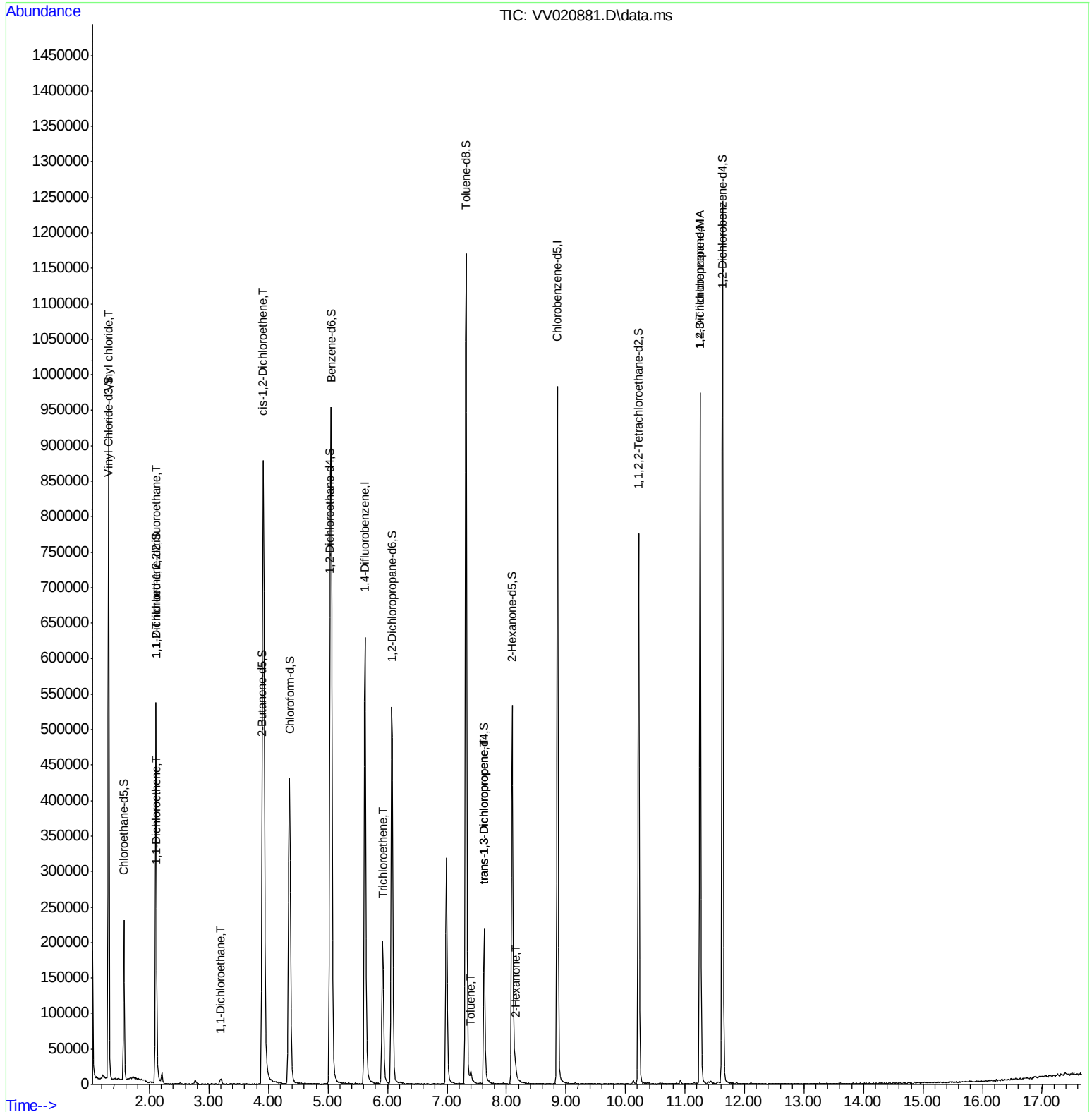
Quant Time: Apr 03 00:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 00:36:16 2021
 Response via : Initial Calibration

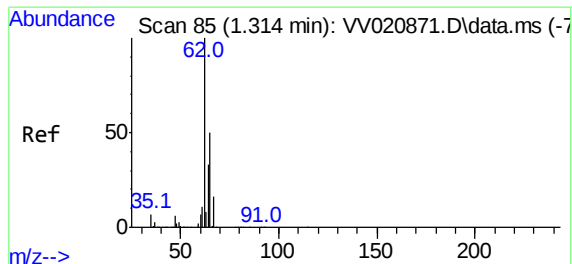
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	562673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	537228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	264739	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	167033	41.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.62%		
7) Chloroethane-d5	1.571	69	135873	44.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.98%		
11) 1,1-Dichloroethene-d2	2.108	63	267601	35.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.02%		
21) 2-Butanone-d5	3.892	46	266714	102.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.63%		
24) Chloroform-d	4.352	84	452022	56.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.86%		
26) 1,2-Dichloroethane-d4	5.034	65	303069	57.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.88%		
32) Benzene-d6	5.053	84	825387	57.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.28%		
36) 1,2-Dichloropropane-d6	6.072	67	241374	54.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.80%		
41) Toluene-d8	7.320	98	779204	58.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.92%		
43) trans-1,3-Dichloroprop...	7.622	79	128559	54.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	109.92%		
47) 2-Hexanone-d5	8.092	63	181356	98.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.39%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	337121	52.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.28%		
64) 1,2-Dichlorobenzene-d4	11.632	152	330916	64.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	128.82%#		
Target Compounds						
5) Vinyl chloride	1.314	62	418333	97.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2371	0.67	ug/L #	19
12) 1,1-Dichloroethene	2.121	96	6450	1.96	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	7620	1.09	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	449333	111.53	ug/L	93
34) Trichloroethene	5.921	95	63217	15.56	ug/L	93
42) Toluene	7.397	91	11695	0.73	ug/L	98
44) trans-1,3-Dichloropropene	7.622	75	5800	0.96	ug/L	87
48) 2-Hexanone	8.150	43	10223	2.57	ug/L #	70
59) 1,2,3-Trichloropropane	11.256	75	24840	4.90	ug/L	92

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

Quant Time: Apr 03 00:39:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 03 00:36:16 2021
Response via : Initial Calibration

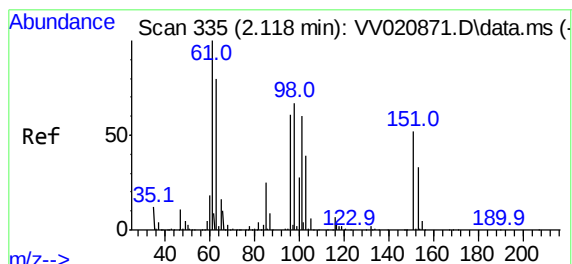
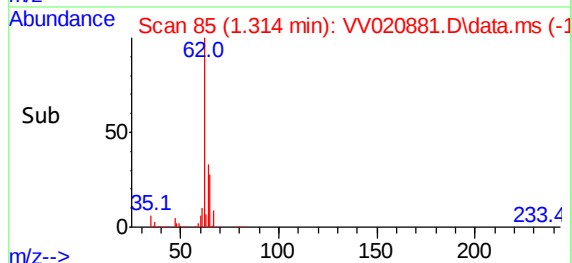
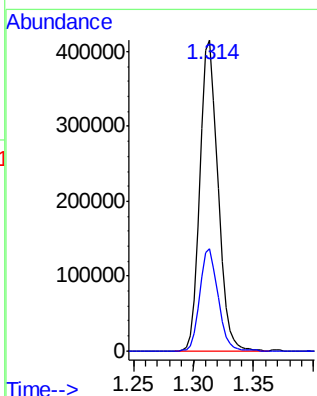
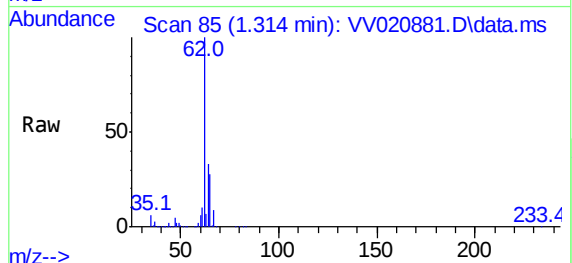




#5
 Vinyl chloride
 Concen: 97.31 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

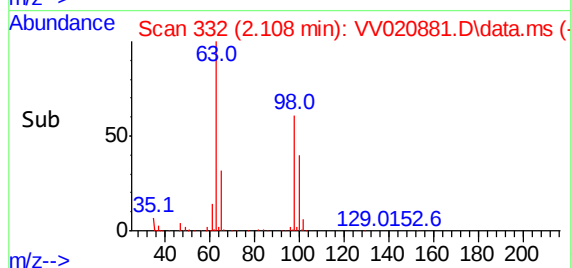
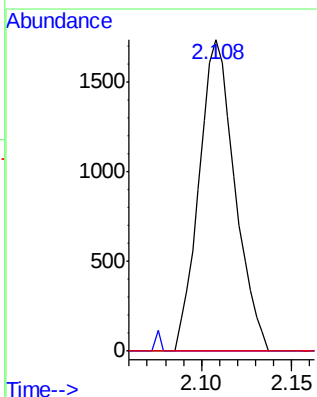
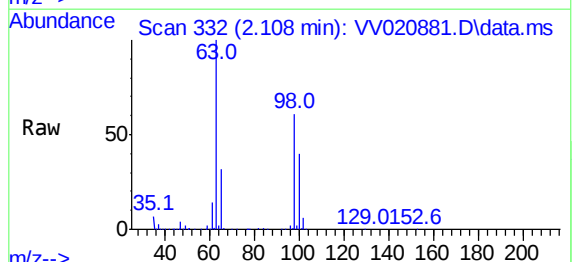
Instrument :
 MSVOA_V
 ClientSampled :
 EW1B8

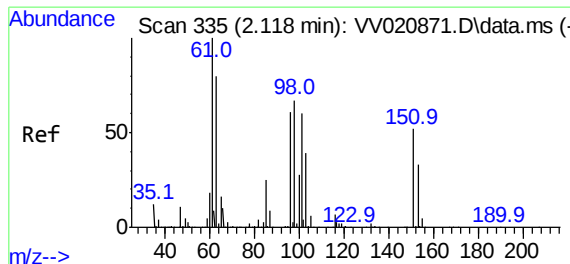
Tgt Ion: 62 Resp: 418333
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.67 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

Tgt Ion:101 Resp: 2371
 Ion Ratio Lower Upper
 101 100
 85 2.2 35.4 53.0#
 151 0.0 63.5 95.3#

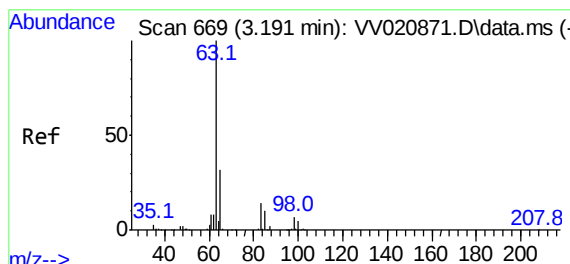
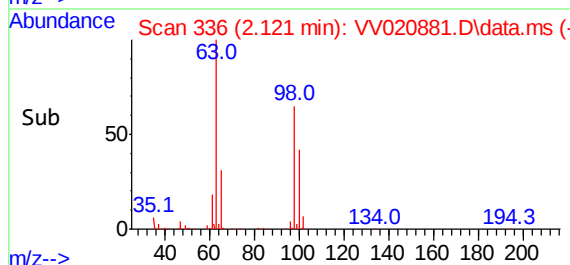
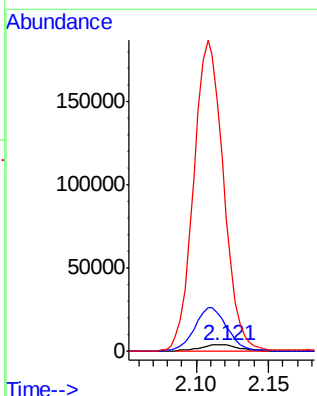
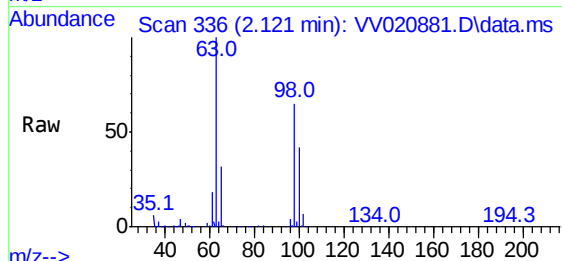




#12
 1,1-Dichloroethene
 Concen: 1.96 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

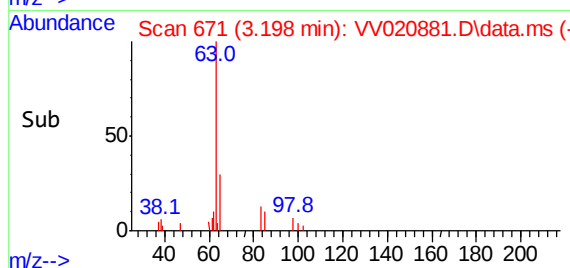
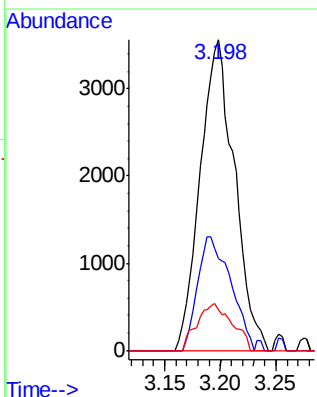
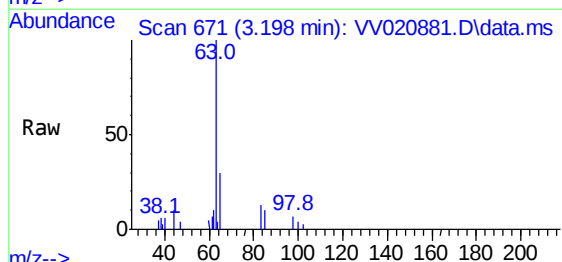
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B8

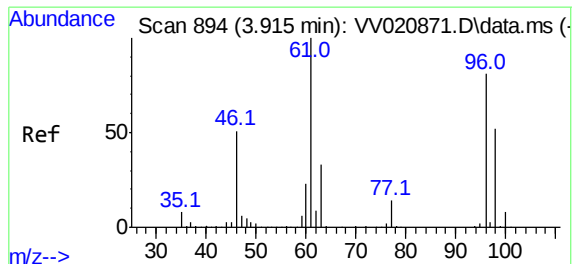
Tgt Ion: 96 Resp: 6450
 Ion Ratio Lower Upper
 96 100
 61 416.2 126.3 234.6#
 63 2311.8 100.2 186.2#



#19
 1,1-Dichloroethane
 Concen: 1.09 ug/L
 RT: 3.198 min Scan# 671
 Delta R.T. 0.007 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

Tgt Ion: 63 Resp: 7620
 Ion Ratio Lower Upper
 63 100
 65 29.6 22.5 41.9
 83 12.9 9.7 17.9

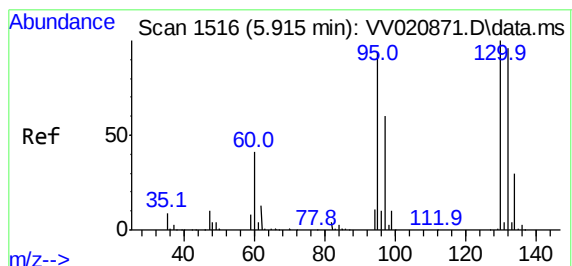
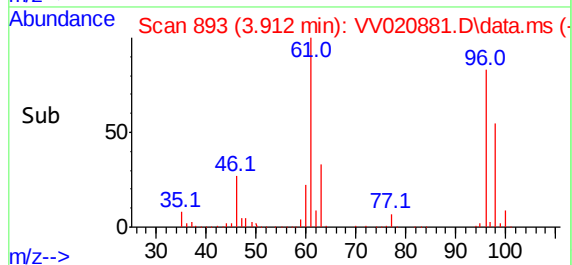
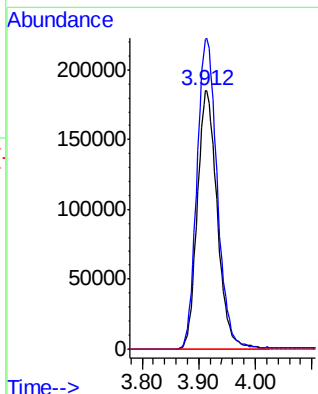
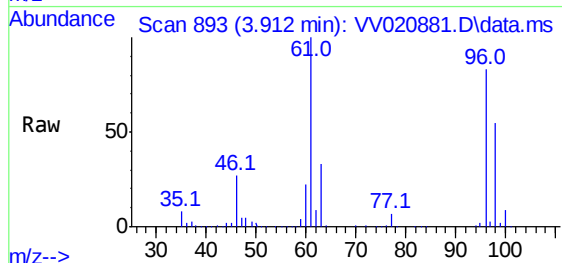




#20
 cis-1,2-Dichloroethene
 Concen: 111.53 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

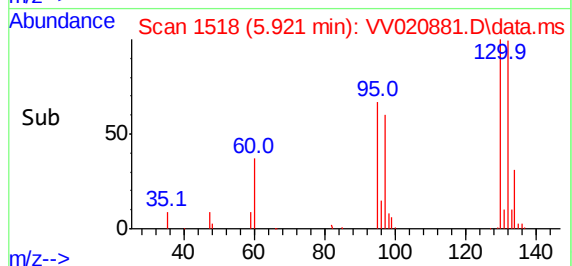
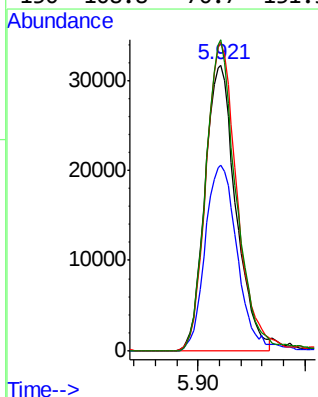
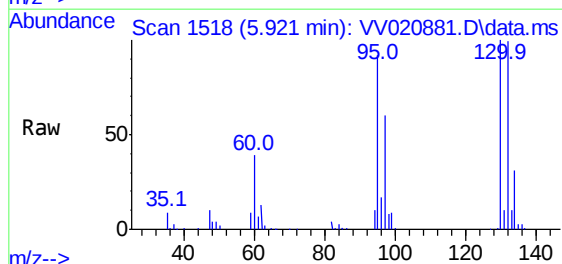
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B8

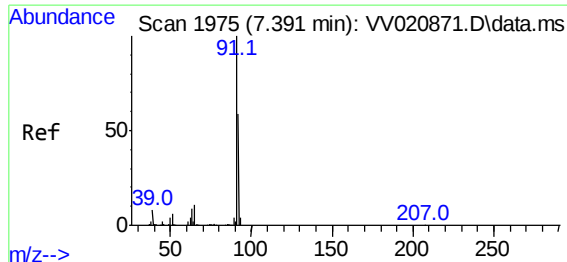
Tgt Ion: 96 Resp: 449333
 Ion Ratio Lower Upper
 96 100
 61 120.0 89.9 167.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.56 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: VV020881.D
 Acq: 02 Apr 2021 16:40

Tgt Ion: 95 Resp: 63217
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.5 80.9
 132 108.1 69.5 129.1
 130 108.8 70.7 131.3





#42

Toluene

Concen: 0.73 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV020881.D

Acq: 02 Apr 2021 16:40

Tgt Ion: 91 Resp: 11695

Ion Ratio Lower Upper

91 100

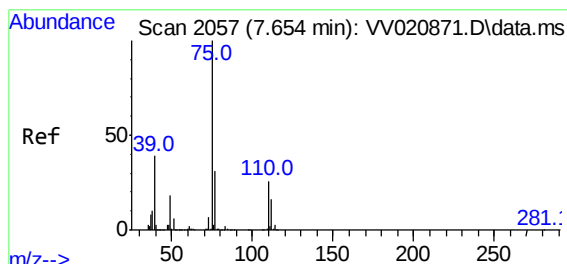
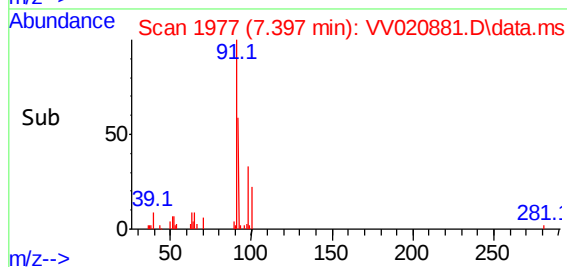
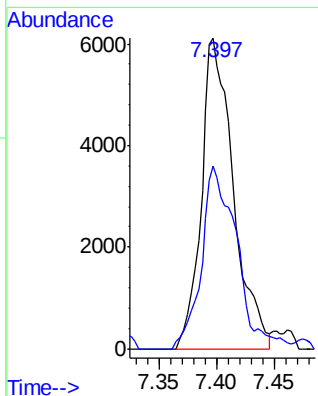
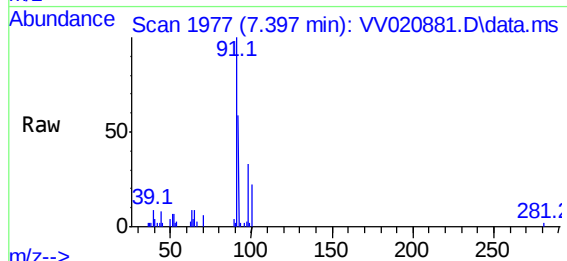
92 58.7 39.9 74.1

Instrument :

MSVOA_V

ClientSampled :

EW1B8



#44

trans-1,3-Dichloropropene

Concen: 0.96 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.032 min

Lab File: VV020881.D

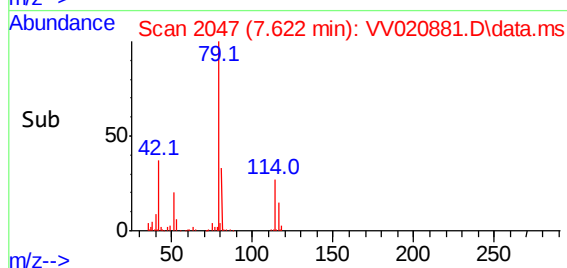
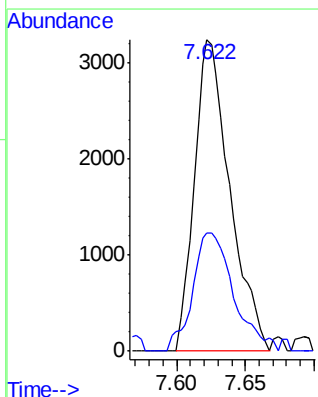
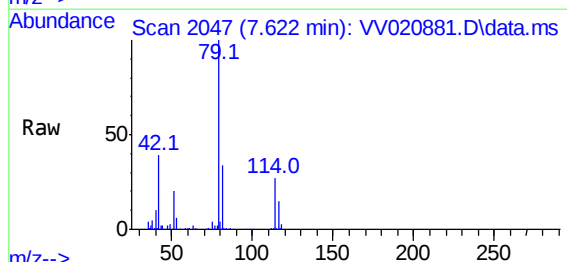
Acq: 02 Apr 2021 16:40

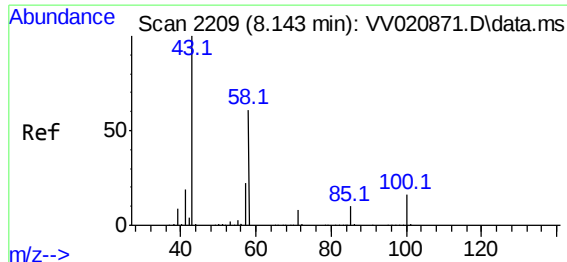
Tgt Ion: 75 Resp: 5800

Ion Ratio Lower Upper

75 100

77 38.0 21.6 40.0

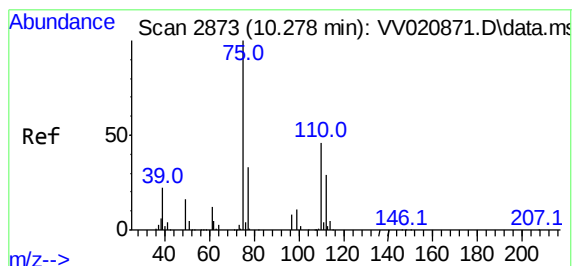
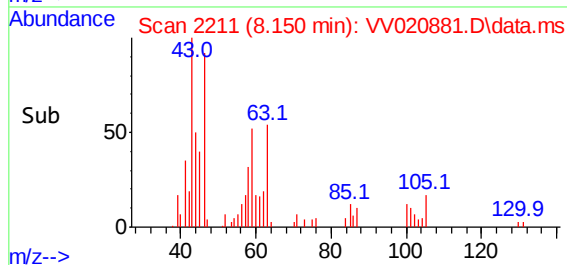
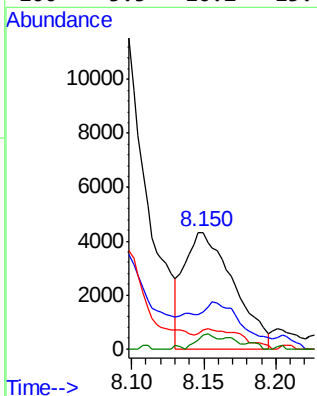
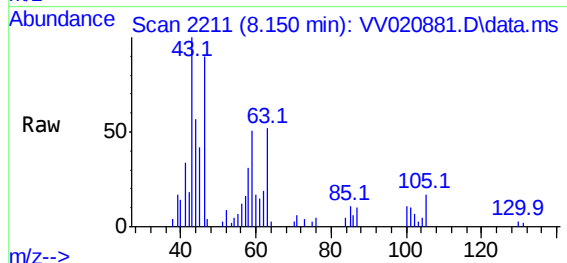




#48
2-Hexanone
Concen: 2.57 ug/L
RT: 8.150 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020881.D
Acq: 02 Apr 2021 16:40

Instrument :
MSVOA_V
ClientSampleID :
EW1B8

Tgt Ion:	43	Resp:	10223
Ion	Ratio	Lower	Upper
43	100		
58	31.8	45.8	68.8#
57	9.0	15.4	23.2#
100	5.5	10.2	15.4#



#59
1,2,3-Trichloropropane
Concen: 4.90 ug/L
RT: 11.256 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020881.D
Acq: 02 Apr 2021 16:40

Tgt Ion:	75	Resp:	24840
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.3	37.9

