

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020934.D
 Acq On : 05 Apr 2021 22:54
 Operator : SY/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Apr 06 06:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.635	114	79	50.00	ug/L	# 0.02
28) Chlorobenzene-d5	8.866	117	398	50.00	ug/L	# 0.00
60) 1,4-Dichlorobenzene-d4	11.262	152	1709	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	311	554.51	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 1109.02%#		
7) Chloroethane-d5	1.590	69	49	115.56	ug/L	0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	= 231.12%#		
11) 1,1-Dichloroethene-d2	2.111	63	637	601.98	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 1203.96%#		
21) 2-Butanone-d5	4.066	46	77	211.02	ug/L	0.17
Spiked Amount 100.000	Range 40	- 130	Recovery	= 211.02%#		
24) Chloroform-d	4.368	84	51	45.75	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	= 91.50%		
26) 1,2-Dichloroethane-d4	5.056	65	71	96.68	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	= 193.36%#		
32) Benzene-d6	5.063	84	192	18.10	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 36.20%#		
36) 1,2-Dichloropropane-d6	0.000	67	0	0.00	ug/L	
Spiked Amount 50.000	Range 70	- 120	Recovery	= 0.00%#		
41) Toluene-d8	7.342	98	430	43.55	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery	= 87.10%		
43) trans-1,3-Dichloroprop...	7.725	79	41	23.66	ug/L	0.10
Spiked Amount 50.000	Range 60	- 125	Recovery	= 47.32%#		
47) 2-Hexanone-d5	0.000	63	0	0.00	ug/L	
Spiked Amount 100.000	Range 45	- 130	Recovery	= 0.00%#		
57) 1,1,2,2-Tetrachloroeth...	10.230	84	461	97.17	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 194.34%#		
64) 1,2-Dichlorobenzene-d4	11.638	152	1437	43.32	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 86.64%		
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	309	522.95	ug/L	# 42
5) Vinyl chloride	1.307	62	58	96.10	ug/L	# 1
6) Bromomethane	1.522	94	138	362.66	ug/L	77
8) Chloroethane	1.760	64	112	321.21	ug/L	87
9) Trichlorofluoromethane	1.416	101	47	45.56	ug/L	# 18
12) 1,1-Dichloroethene	2.050	96	55	119.30	ug/L	# 1
13) Acetone	2.172	43	124	476.54	ug/L	95
14) Carbon disulfide	2.297	76	638	418.50	ug/L	# 74
15) Methyl Acetate	2.452	43	46	84.68	ug/L	# 53
16) Methylene chloride	2.513	84	1821	3238.90	ug/L	87
18) Methyl tert-butyl Ether	2.680	73	78	47.59	ug/L	# 35
25) Chloroform	4.120	83	75	71.80	ug/L	# 17
33) Benzene	5.162	78	106	9.66	ug/L	100
34) Trichloroethene	6.008	95	41	13.62	ug/L	# 5
40) 4-Methyl-2-pentanone	7.358	43	76	19.69	ug/L	# 1
45) 1,1,2-Trichloroethane	8.072	97	43	15.18	ug/L	# 15
48) 2-Hexanone	8.230	43	100	33.93	ug/L	# 36
59) 1,2,3-Trichloropropane	9.551	75	41	10.91	ug/L	# 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040521\
Data File : VV020934.D
Acq On : 05 Apr 2021 22:54
Operator : SY/MD
Sample : BLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

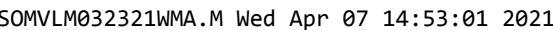
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

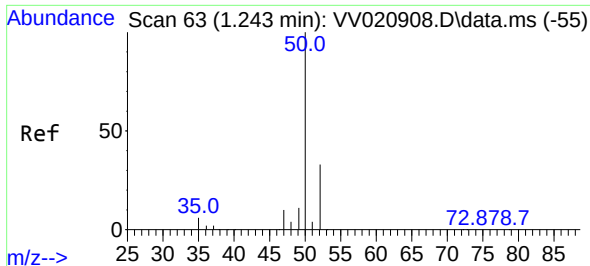
Quant Time: Apr 06 06:28:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 06 06:22:01 2021
Response via : Initial Calibration

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

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

Quant Time: Apr 06 06:28:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 06 06:22:01 2021
Response via : Initial Calibration

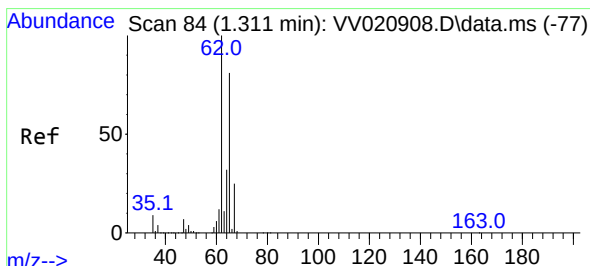
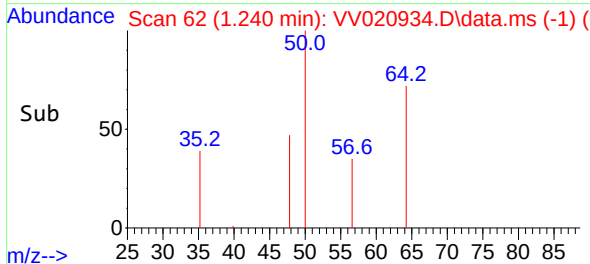
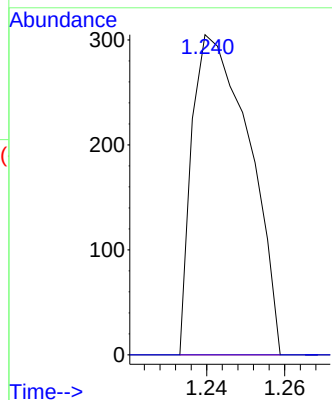
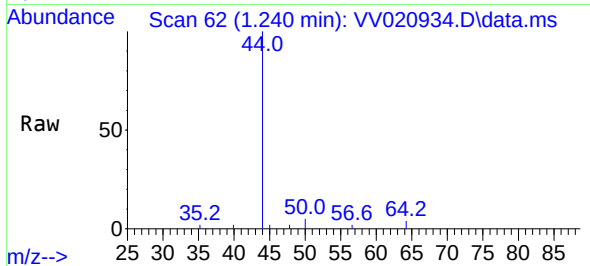




#3
Chloromethane
Concen: 522.95 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

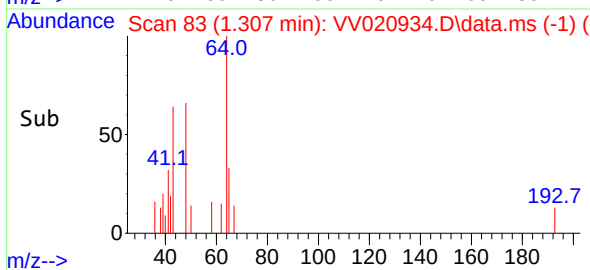
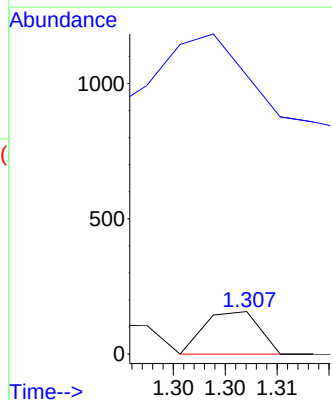
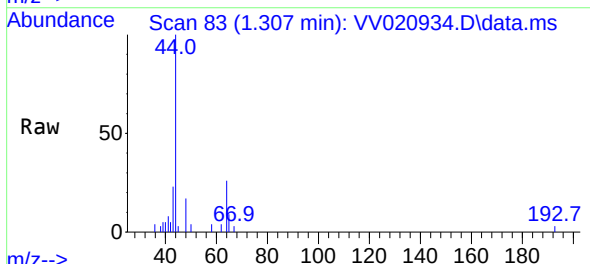
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

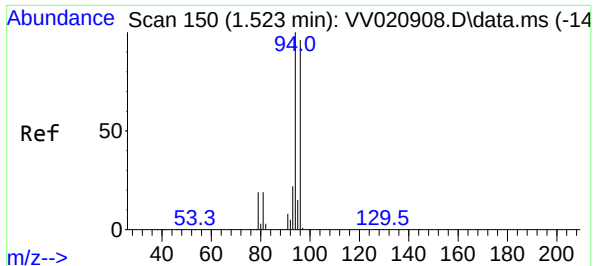
Tgt Ion: 50 Resp: 309
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 96.10 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 62 Resp: 58
Ion Ratio Lower Upper
62 100
64 656.1 23.3 43.3#

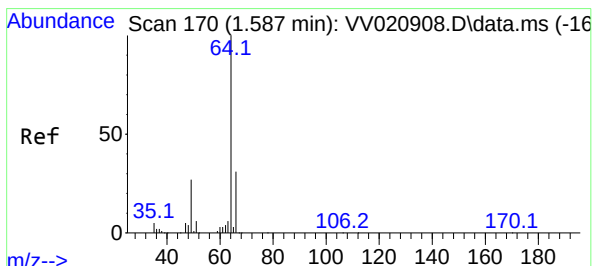
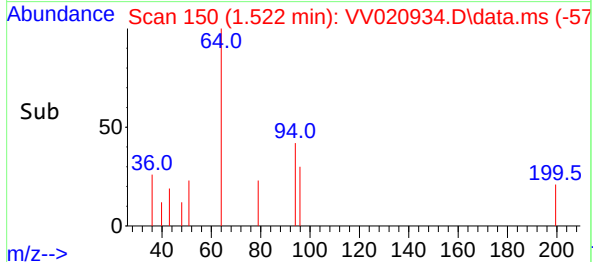
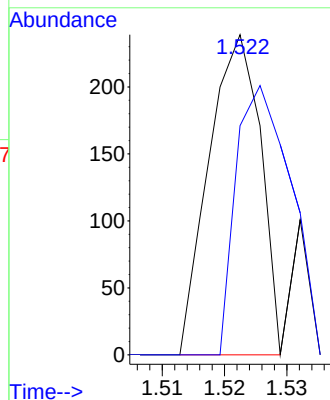
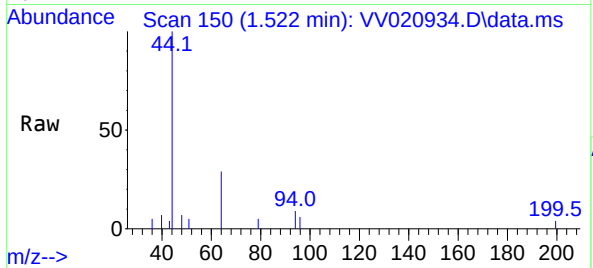




#6
Bromomethane
Concen: 362.66 ug/L
RT: 1.522 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

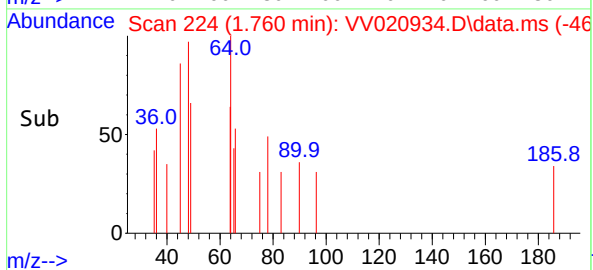
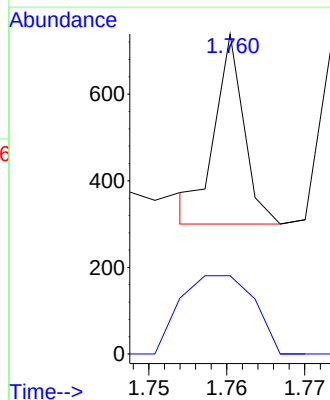
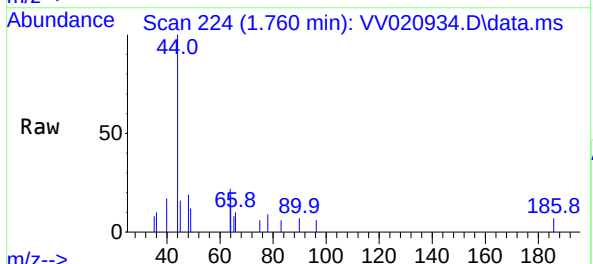
Instrument :
MSVOA_V
ClientSampled :
VBLK63

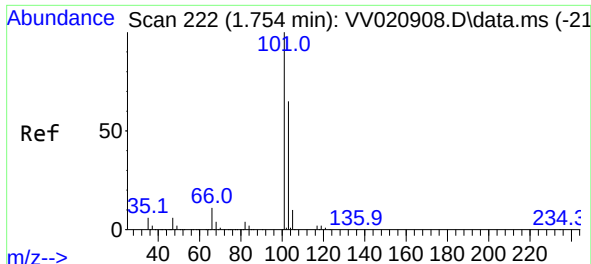
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 71.5 65.6 121.8



#8
Chloroethane
Concen: 321.21 ug/L
RT: 1.760 min Scan# 224
Delta R.T. 0.173 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 64 Resp: 112
Ion Ratio Lower Upper
64 100
66 24.5 22.4 41.6

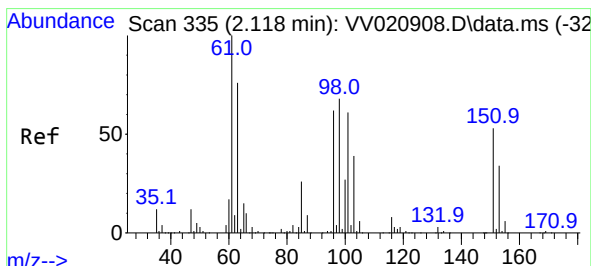
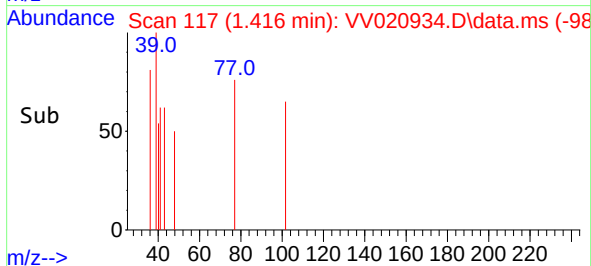
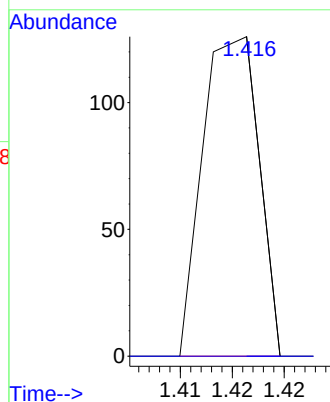
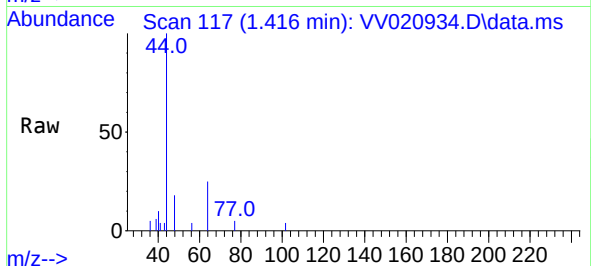




#9
Trichlorofluoromethane
Concen: 45.56 ug/L
RT: 1.416 min Scan# 117
Delta R.T. -0.338 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

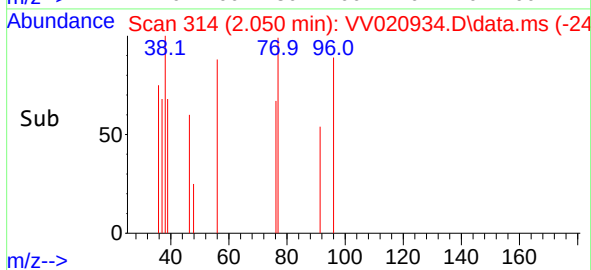
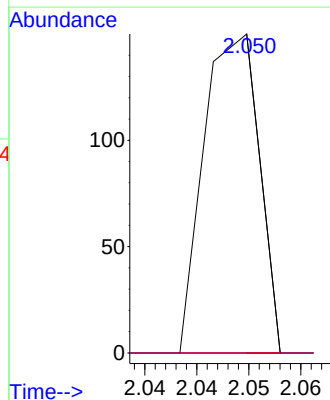
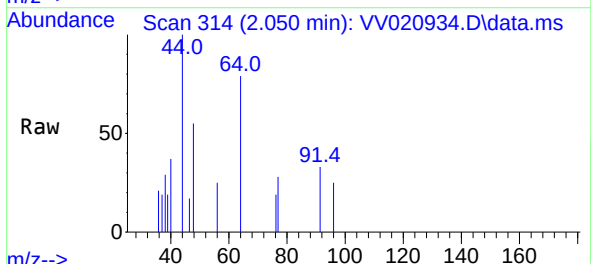
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

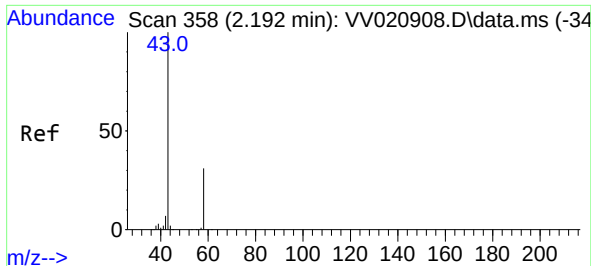
Tgt Ion:101 Resp: 47
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#



#12
1,1-Dichloroethene
Concen: 119.30 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.068 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 126.3 234.6#
63 0.0 100.2 186.2#

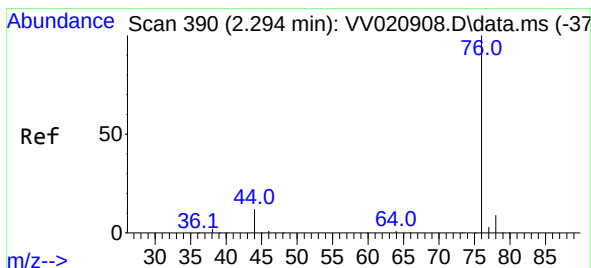
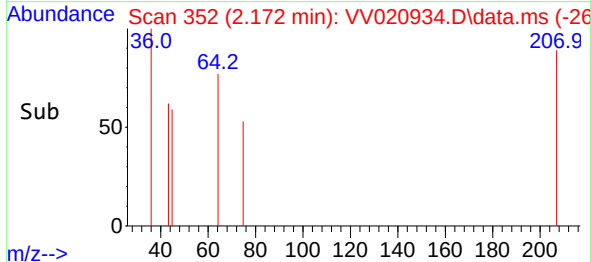
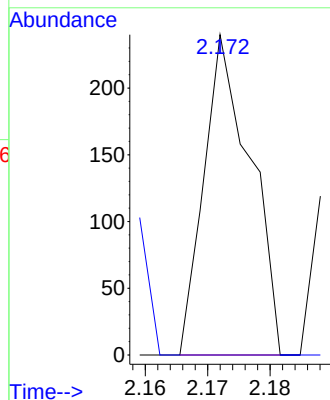
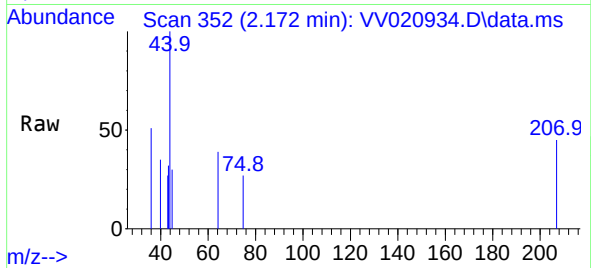




#13
Acetone
Concen: 476.54 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.020 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

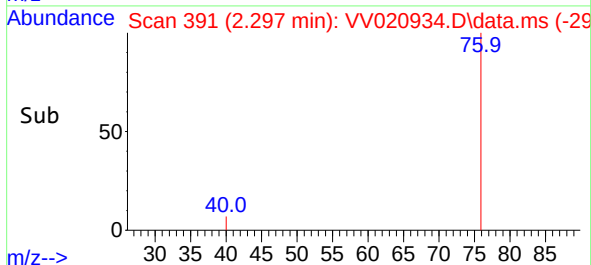
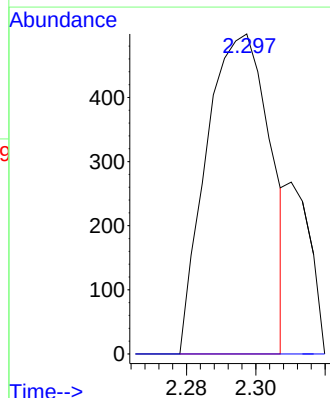
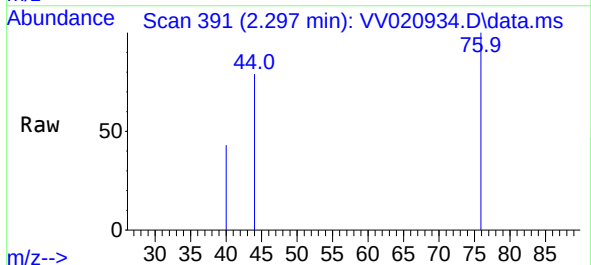
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

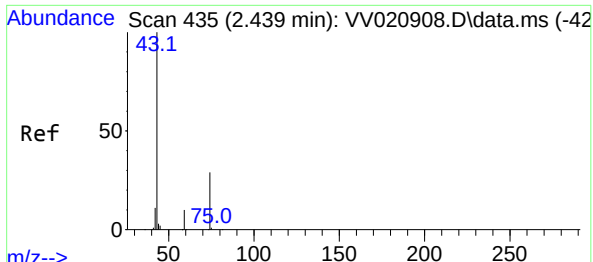
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 33.1 0.0 60.8



#14
Carbon disulfide
Concen: 418.50 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 76 Resp: 638
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

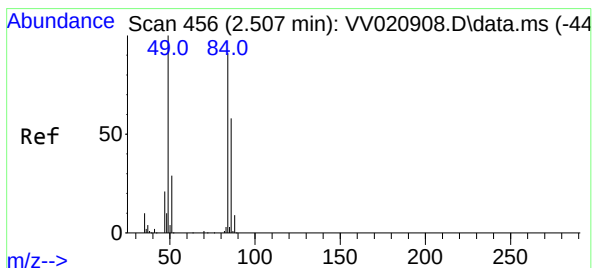
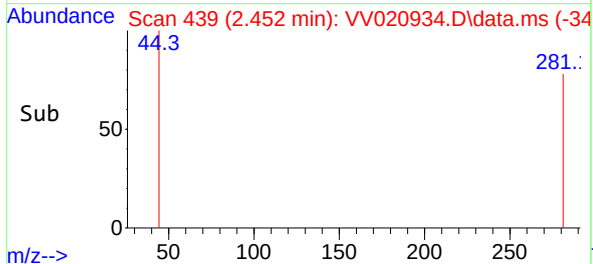
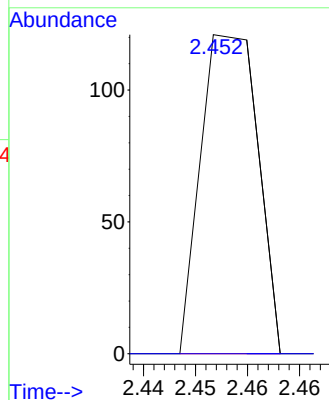
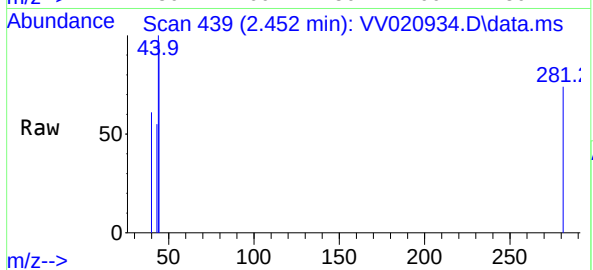




#15
Methyl Acetate
Concen: 84.68 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.013 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

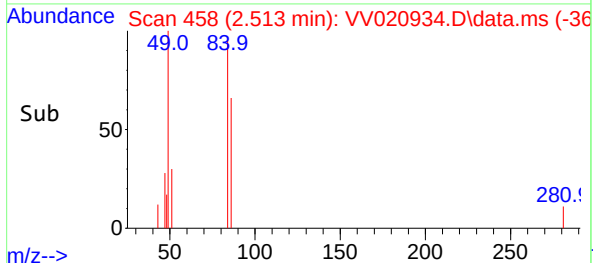
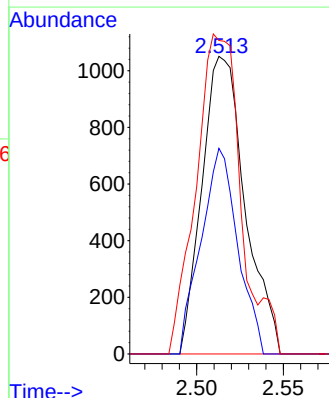
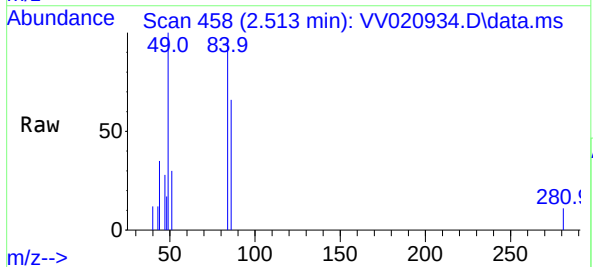
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

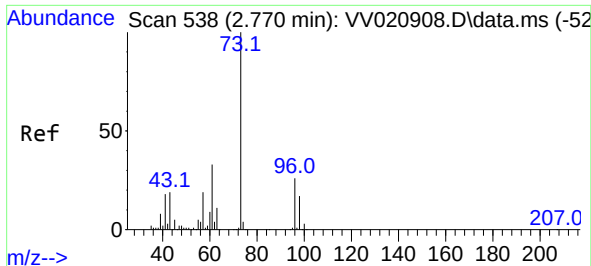
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#16
Methylene chloride
Concen: 3238.90 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 84 Resp: 1821
Ion Ratio Lower Upper
84 100
86 69.1 43.9 81.5
49 105.3 86.3 160.3

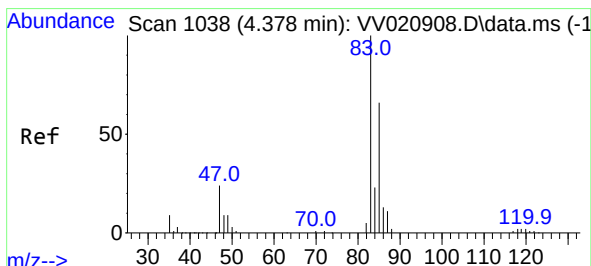
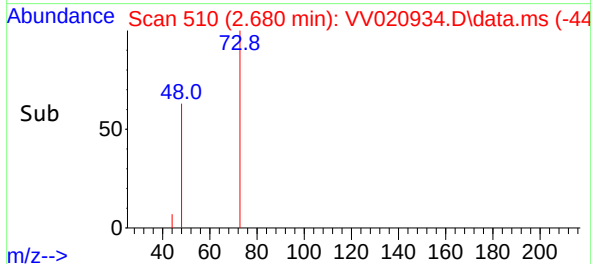
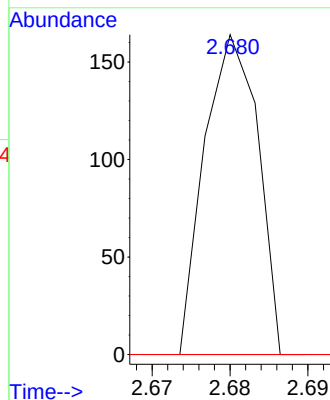
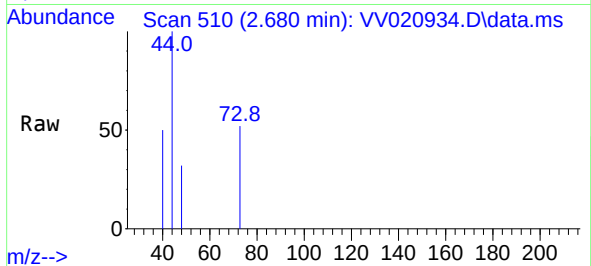




#18
Methyl tert-butyl Ether
Concen: 47.59 ug/L
RT: 2.680 min Scan# 510
Delta R.T. -0.090 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

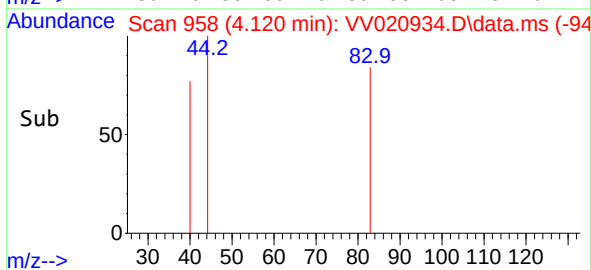
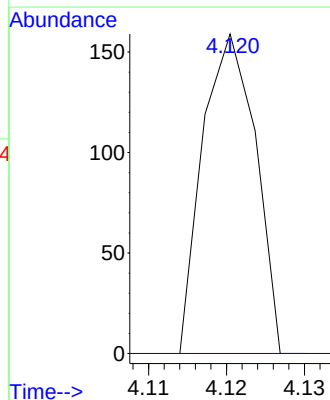
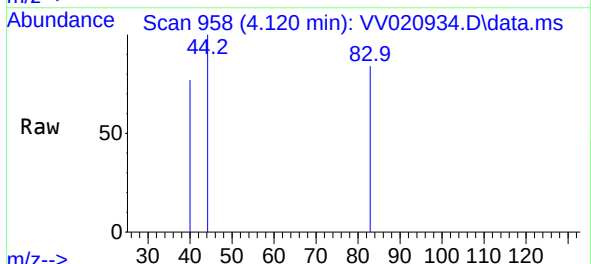
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

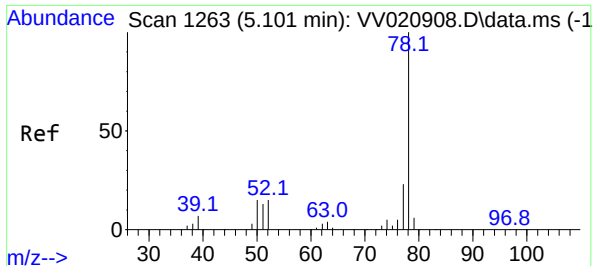
Tgt Ion: 73	Resp:	78
Ion Ratio	Lower	Upper
73	100	
43	59.0	15.4 23.0#
57	0.0	17.0 25.6#



#25
Chloroform
Concen: 71.80 ug/L
RT: 4.120 min Scan# 958
Delta R.T. -0.257 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 83	Resp:	75
Ion Ratio	Lower	Upper
83	100	
85	0.0	46.7 86.7#





#33

Benzene

Concen: 9.66 ug/L

RT: 5.162 min Scan# 1282

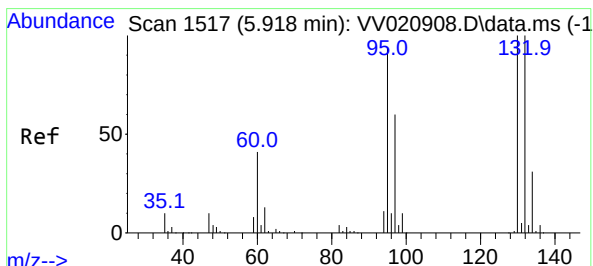
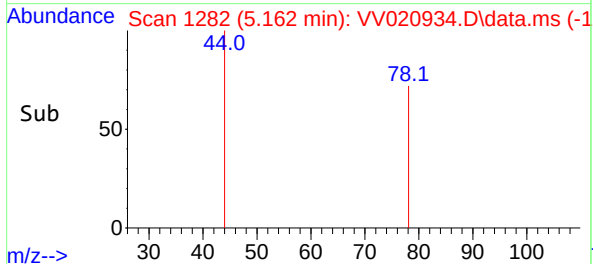
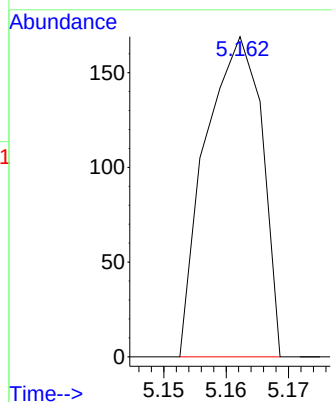
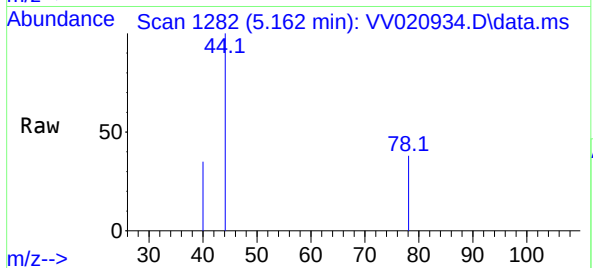
Delta R.T. 0.061 min

Lab File: VV020934.D

Acq: 05 Apr 2021 22:54

Tgt Ion: 78 Resp: 106

Instrument :
MSVOA_V
ClientSampleId :
VBLK63



#34

Trichloroethene

Concen: 13.62 ug/L

RT: 6.008 min Scan# 1545

Delta R.T. 0.090 min

Lab File: VV020934.D

Acq: 05 Apr 2021 22:54

Tgt Ion: 95 Resp: 41

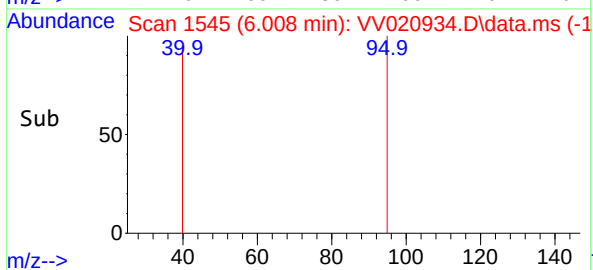
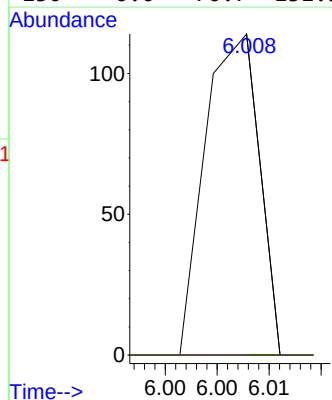
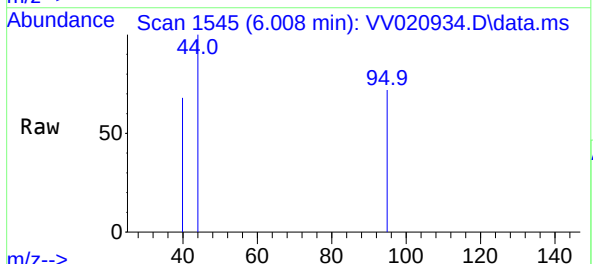
Ion Ratio Lower Upper

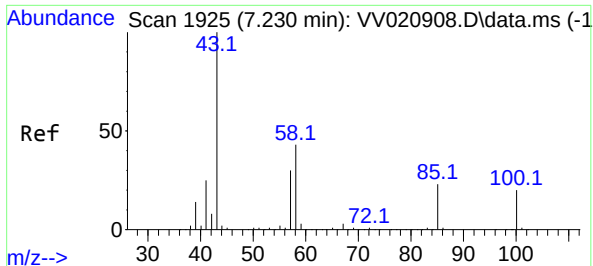
95 100

97 0.0 43.5 80.9#

132 0.0 69.5 129.1#

130 0.0 70.7 131.3#



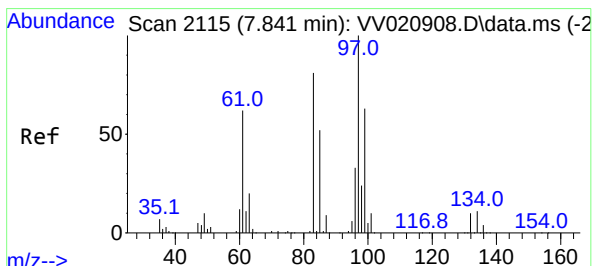
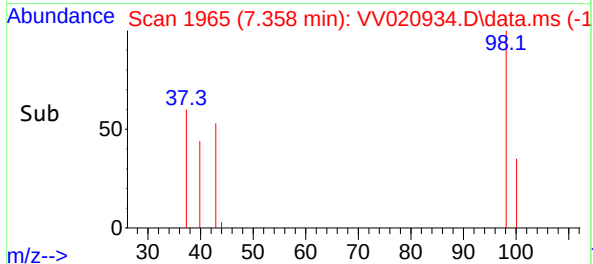
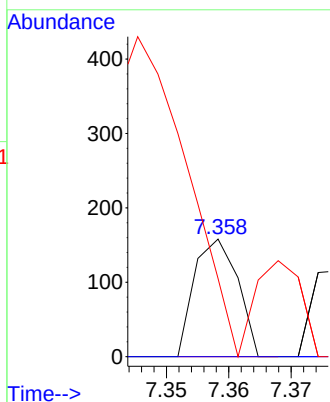
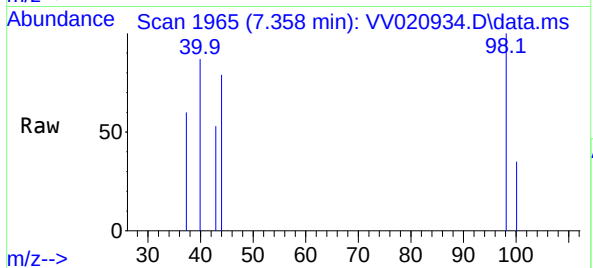


#40
4-Methyl-2-pentanone
Concen: 19.69 ug/L
RT: 7.358 min Scan# 1965
Delta R.T. 0.128 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Instrument :
MSVOA_V
ClientSampled :
VBLK63

Tgt Ion: 43 Resp: 76

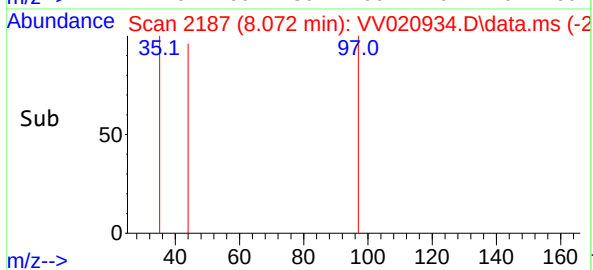
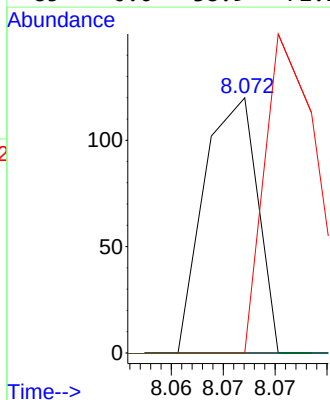
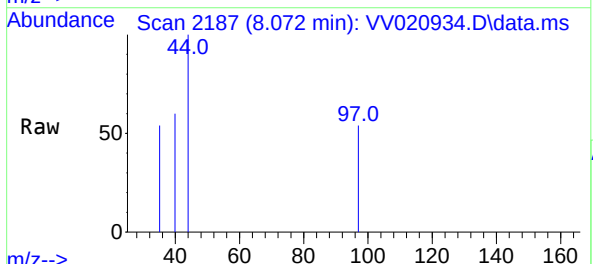
Ion	Ratio	Lower	Upper
43	100		
58	56.6	32.3	48.5#
100	497.4	13.0	19.4#

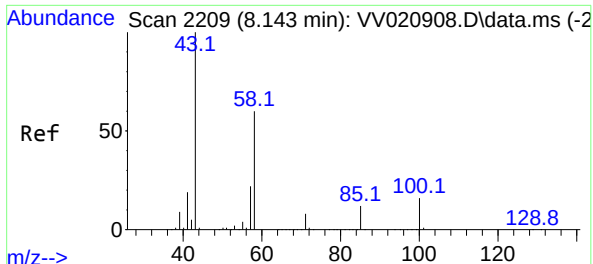


#45
1,1,2-Trichloroethane
Concen: 15.18 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.231 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 97 Resp: 43

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	0.0	60.7	112.7#
85	0.0	38.9	72.2#

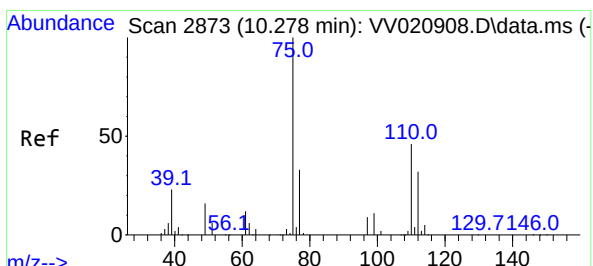
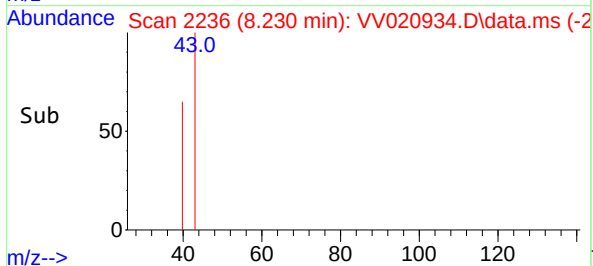
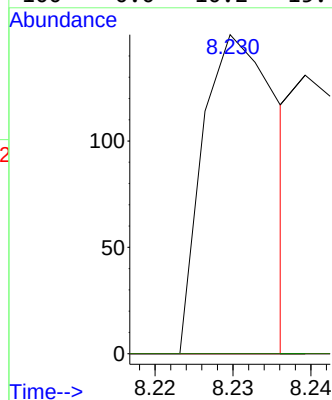
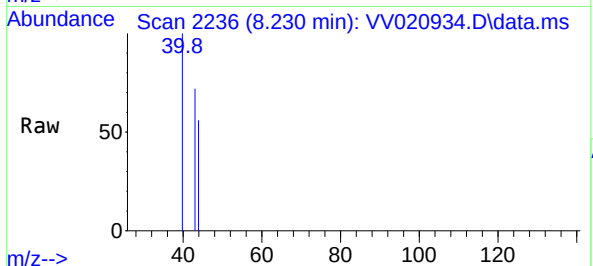




#48
2-Hexanone
Concen: 33.93 ug/L
RT: 8.230 min Scan# 2236
Delta R.T. 0.087 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Tgt Ion: 43	Resp:	100
Ion	Ratio	Lower Upper
43	100	
58	0.0	45.8 68.8#
57	0.0	15.4 23.2#
100	0.0	10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 10.91 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.727 min
Lab File: VV020934.D
Acq: 05 Apr 2021 22:54

Tgt Ion: 75	Resp:	41
Ion	Ratio	Lower Upper
75	100	
77	190.2	25.3 37.9#

