

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020024.D
 Acq On : 15 Jan 2021 15:12
 Operator : SY/MD
 Sample : M1147-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y3

Quant Time: Jan 16 04:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

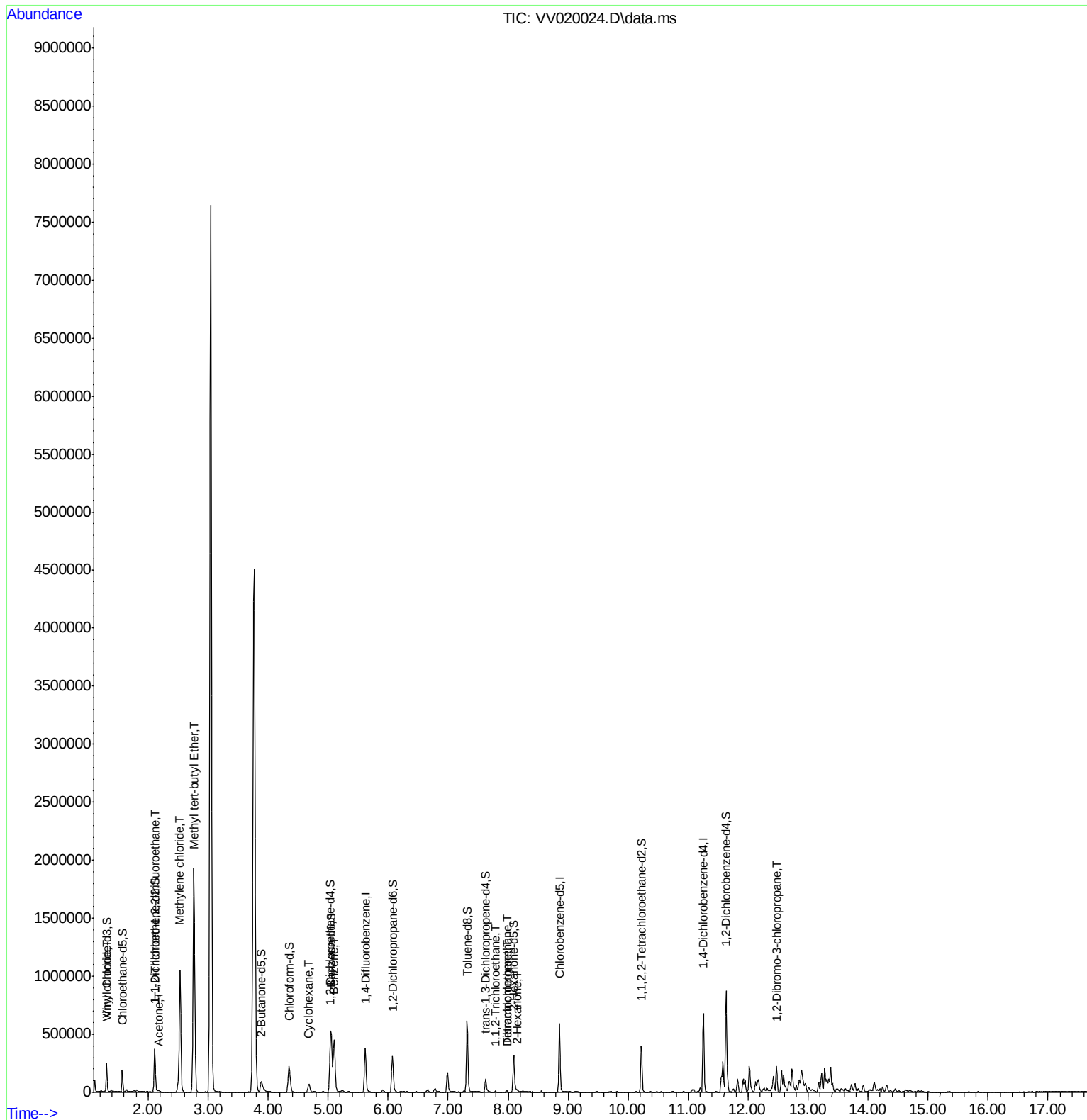
Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	300752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	293150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	154727	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	124209	48.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.92%		
7) Chloroethane-d5	1.569	69	113774	56.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.38%		
11) 1,1-Dichloroethene-d2	2.110	63	198764	39.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.56%		
21) 2-Butanone-d5	3.888	46	166497	101.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.17%		
24) Chloroform-d	4.347	84	229843	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.60%		
26) 1,2-Dichloroethane-d4	5.032	65	162393	52.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.54%		
32) Benzene-d6	5.052	84	422151	51.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.04%		
36) 1,2-Dichloropropane-d6	6.071	67	134064	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.80%		
41) Toluene-d8	7.318	98	379059	50.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.10%		
43) trans-1,3-Dichloroprop...	7.624	79	62011	46.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.52%		
47) 2-Hexanone-d5	8.090	63	98082	94.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.71%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	176960	50.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.34%		
64) 1,2-Dichlorobenzene-d4	11.630	152	161140	53.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.84%		
Target Compounds						
5) Vinyl chloride	1.312	62	9081	3.22	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1519	0.69	ug/L #	23
13) Acetone	2.180	43	13721	9.44	ug/L	97
16) Methylene chloride	2.531	84	5400	2.40	ug/L #	1
18) Methyl tert-butyl Ether	2.769	73	4755	0.69	ug/L #	1
29) Cyclohexane	4.679	56	32972	9.51	ug/L	96
33) Benzene	5.100	78	432250	50.79	ug/L	100
45) 1,1,2-Trichloroethane	7.791	97	3430	1.58	ug/L #	17
46) Tetrachloroethene	7.981	164	2840	1.62	ug/L	97
48) 2-Hexanone	8.145	43	7161	2.68	ug/L #	84
49) Dibromochloromethane	7.977	129	2656	1.11	ug/L #	10
66) 1,2-Dibromo-3-chloropr...	12.472	75	1312	1.61	ug/L #	7

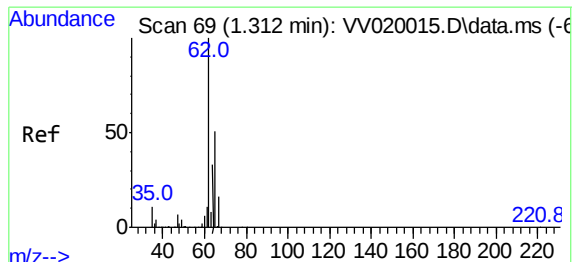
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
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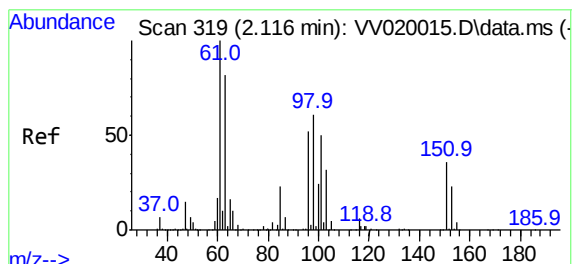
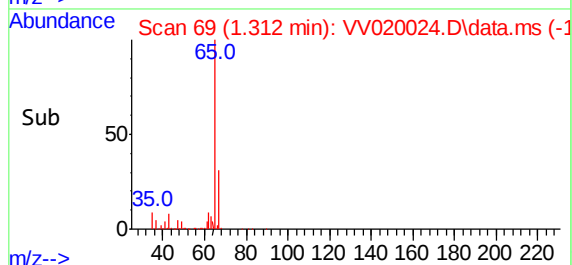
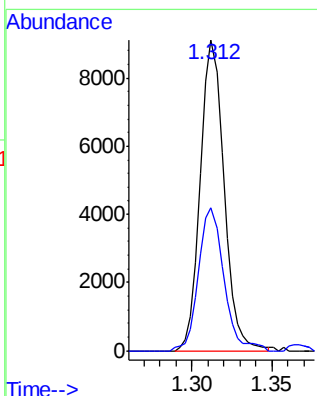
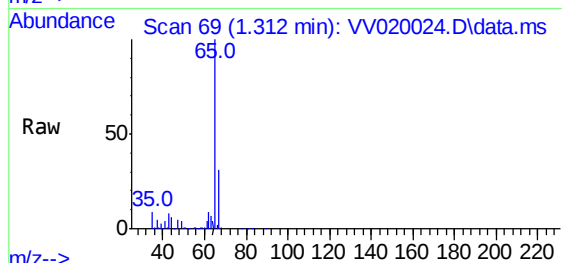




#5
 Vinyl chloride
 Concen: 3.22 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020024.D
 Acq: 15 Jan 2021 15:12

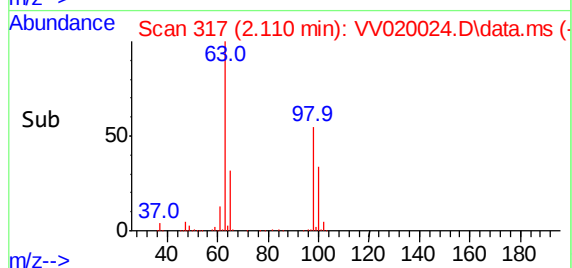
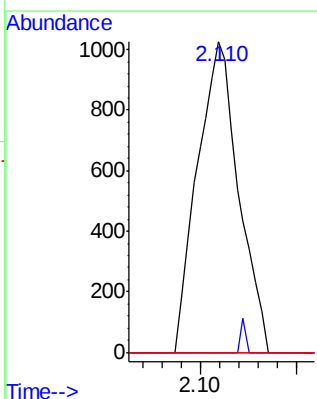
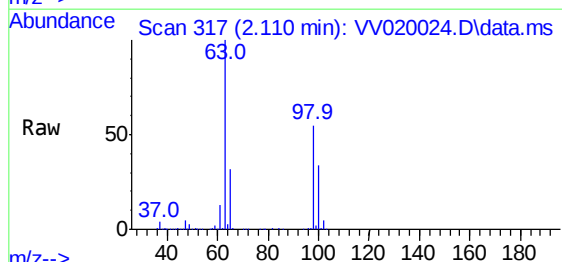
Instrument :
 MSVOA_V
 ClientSampled :
 BG4Y3

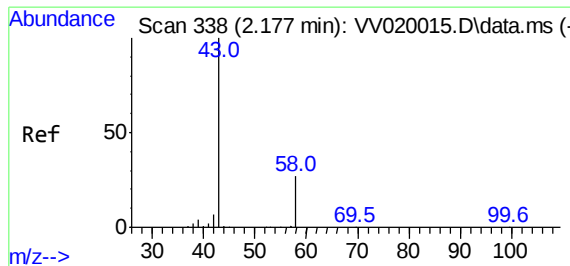
Tgt Ion: 62 Resp: 9081
 Ion Ratio Lower Upper
 62 100
 64 46.1 23.0 42.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.69 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.007 min
 Lab File: VV020024.D
 Acq: 15 Jan 2021 15:12

Tgt Ion:101 Resp: 1519
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#

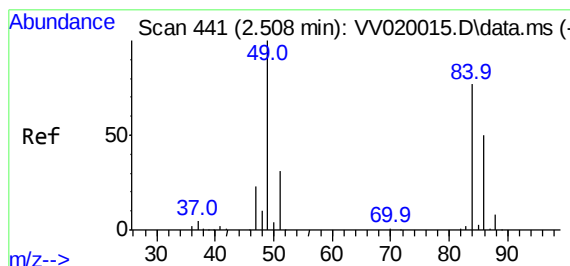
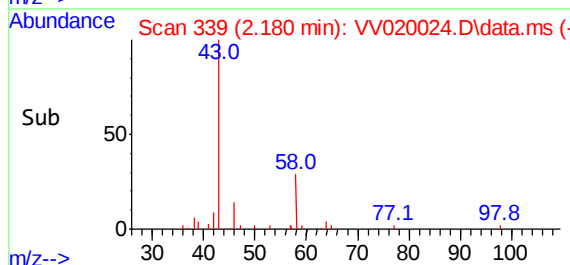
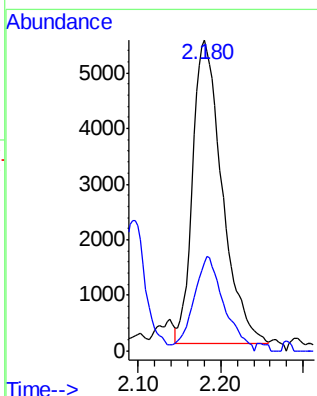
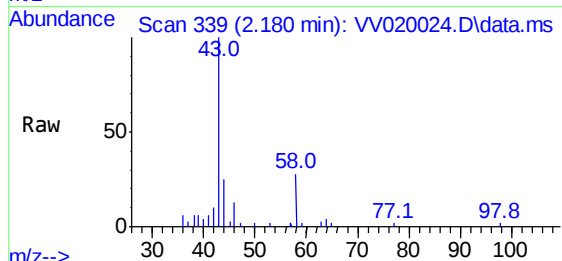




#13
Acetone
Concen: 9.44 ug/L
RT: 2.180 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

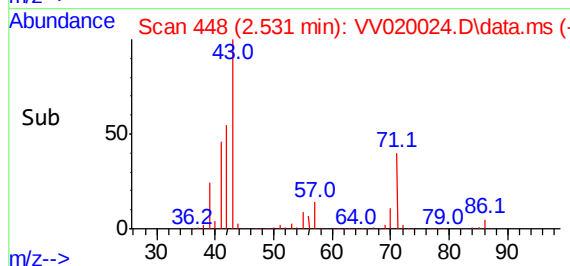
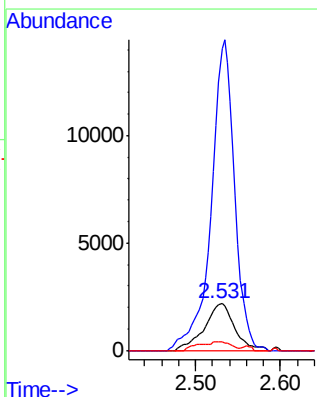
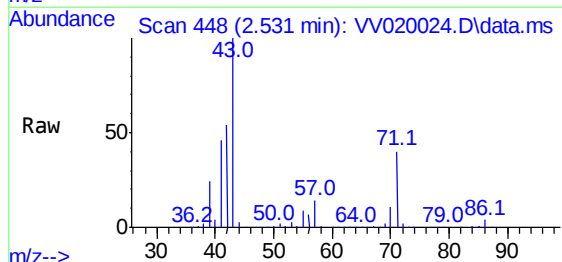
Instrument :
MSVOA_V
ClientSampled :
BG4Y3

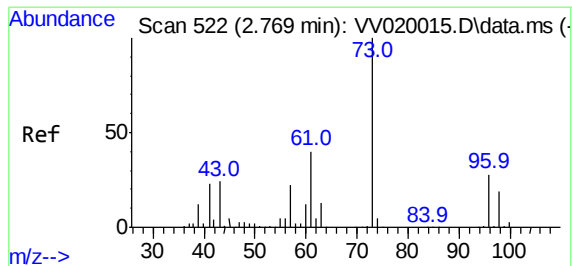
Tgt Ion: 43 Resp: 13721
Ion Ratio Lower Upper
43 100
58 31.6 0.0 60.2



#16
Methylene chloride
Concen: 2.40 ug/L
RT: 2.531 min Scan# 448
Delta R.T. 0.022 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

Tgt Ion: 84 Resp: 5400
Ion Ratio Lower Upper
84 100
86 644.3 44.6 82.8#
49 17.2 94.6 175.8#

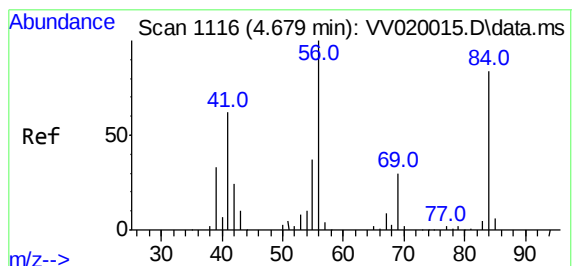
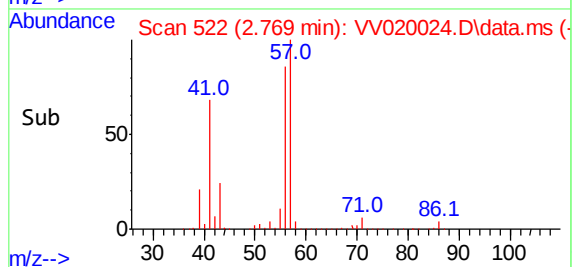
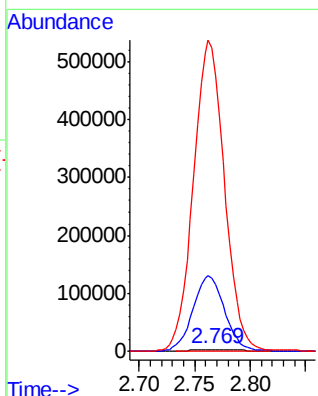
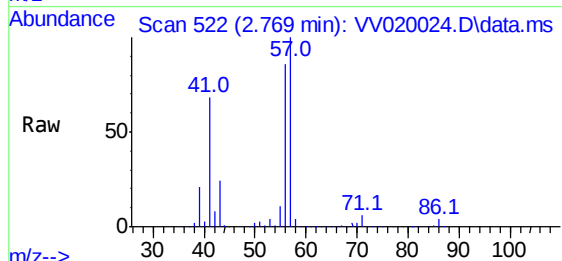




#18
Methyl tert-butyl Ether
Concen: 0.69 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.000 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

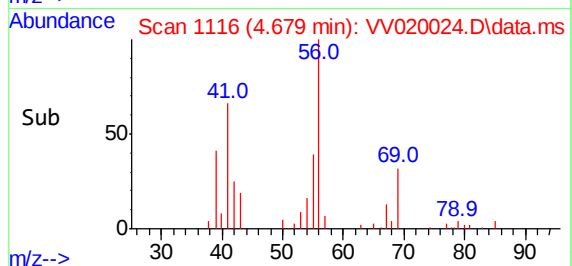
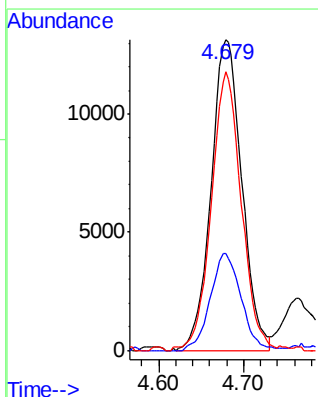
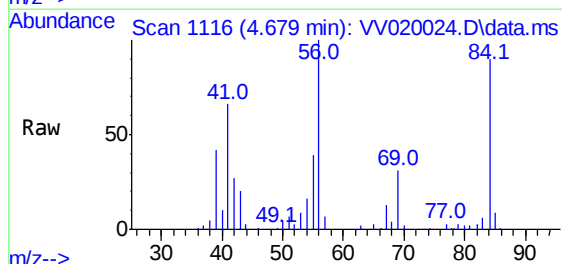
Instrument :
MSVOA_V
ClientSampled :
BG4Y3

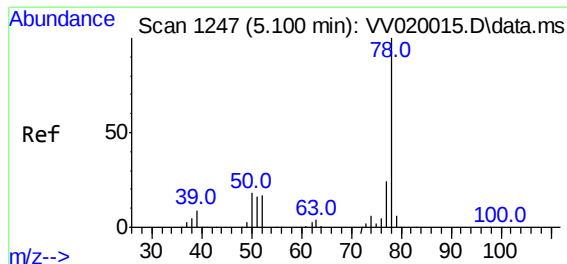
Tgt Ion: 73 Resp: 4755
Ion Ratio Lower Upper
73 100
43 5345.2 17.3 25.9#
57 21804.5 17.9 26.9#



#29
Cyclohexane
Concen: 9.51 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

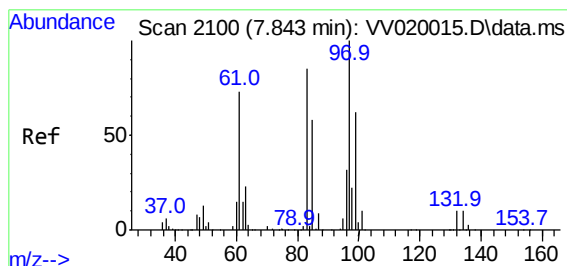
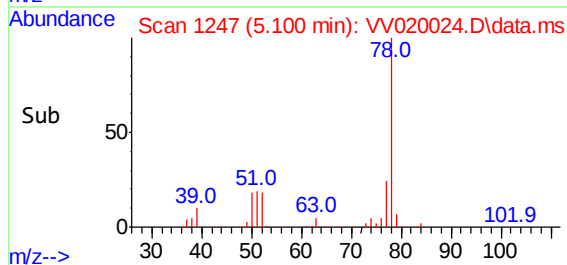
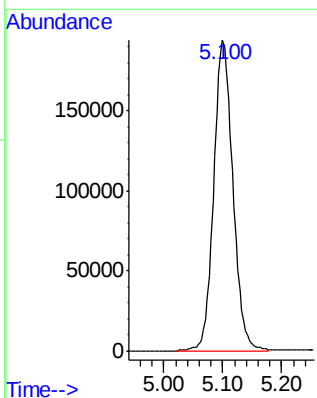
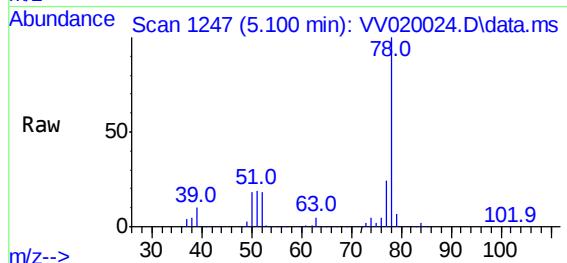
Tgt Ion: 56 Resp: 32972
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 87.3 66.3 99.5





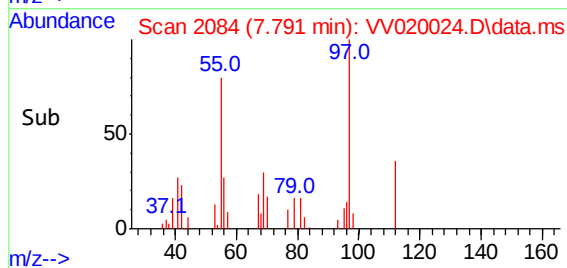
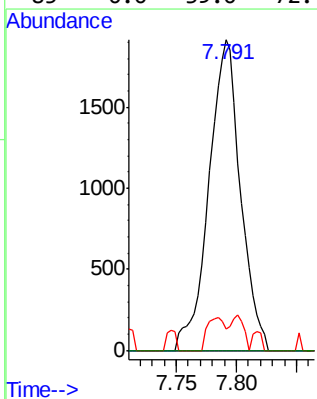
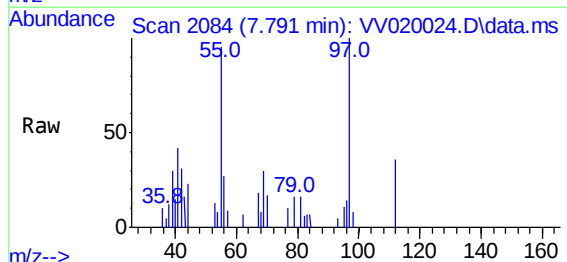
#33
Benzene
Concen: 50.79 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12
Tgt Ion: 78 Resp: 432250

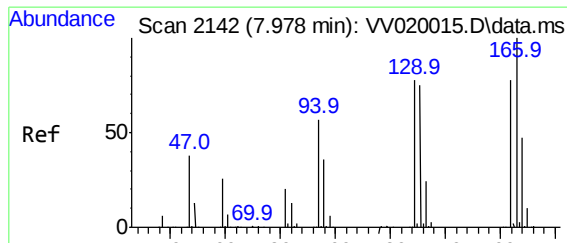
Instrument :
MSVOA_V
ClientSampled :
BG4Y3



#45
1,1,2-Trichloroethane
Concen: 1.58 ug/L
RT: 7.791 min Scan# 2084
Delta R.T. -0.052 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12
Tgt Ion: 97 Resp: 3430

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.3#
83	7.0	62.2	115.4#
85	0.0	39.0	72.4#

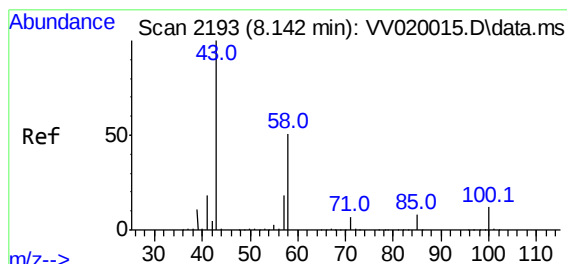
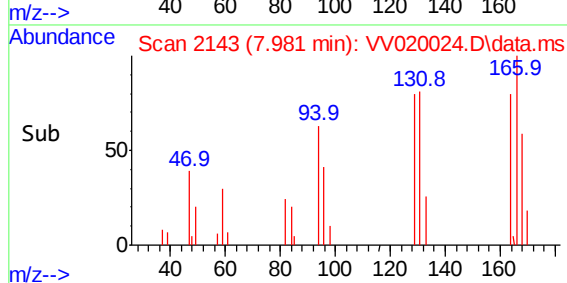
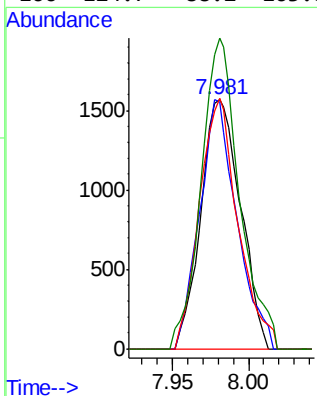
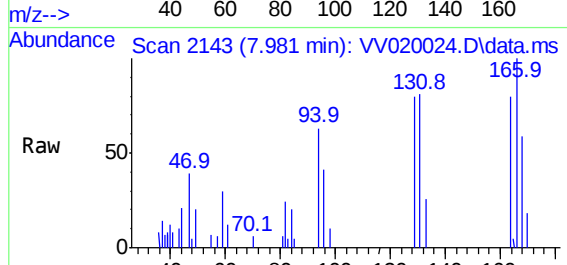




#46
Tetrachloroethene
Concen: 1.62 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

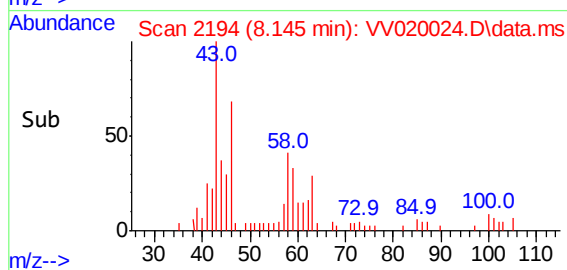
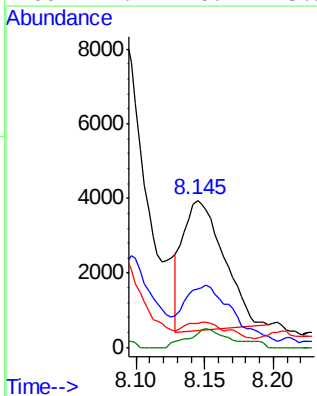
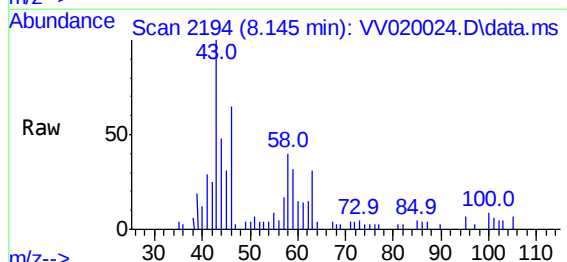
Instrument :
MSVOA_V
ClientSampleId :
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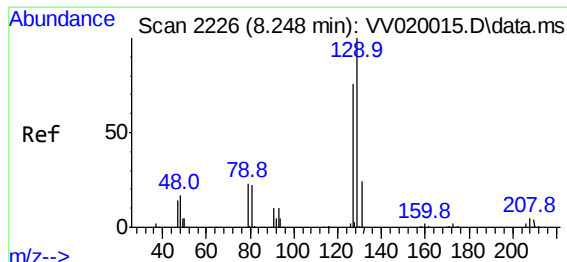
Tgt Ion:164 Resp: 2840
Ion Ratio Lower Upper
164 100
129 99.2 70.6 131.0
131 100.7 66.8 124.0
166 124.7 88.2 163.8



#48
2-Hexanone
Concen: 2.68 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020024.D
Acq: 15 Jan 2021 15:12

Tgt Ion: 43 Resp: 7161
Ion Ratio Lower Upper
43 100
58 61.8 41.8 62.6
57 6.2 15.0 22.4#
100 14.1 8.9 13.3#





#49

Dibromochloromethane

Concen: 1.11 ug/L

RT: 7.977 min Scan# 2142

Delta R.T. -0.270 min

Lab File: VV020024.D

Acq: 15 Jan 2021 15:12

Instrument :

MSVOA_V

ClientSampled :

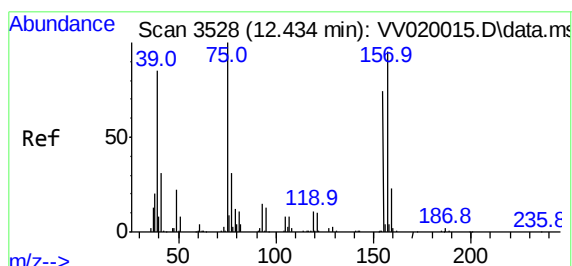
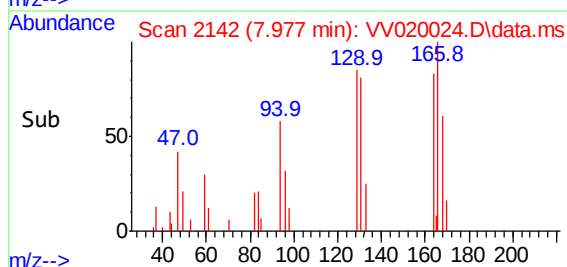
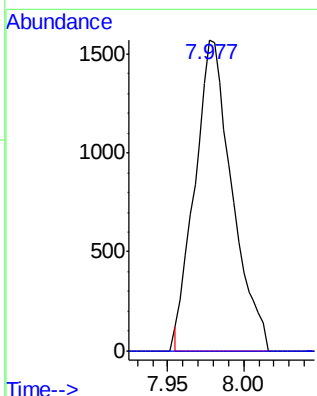
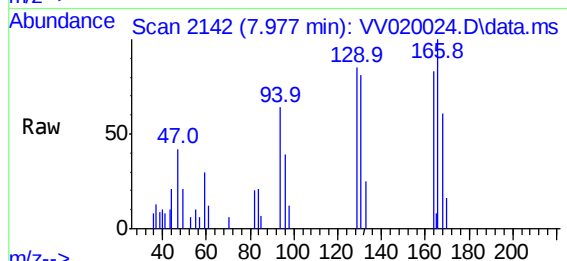
BG4Y3

Tgt Ion:129 Resp: 2656

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.61 ug/L

RT: 12.472 min Scan# 3540

Delta R.T. 0.038 min

Lab File: VV020024.D

Acq: 15 Jan 2021 15:12

Tgt Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

155 0.0 59.1 88.7#

157 0.0 75.4 113.0#

