

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020147.D
 Acq On : 22 Jan 2021 19:47
 Operator : SY/MD
 Sample : M1201-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG501

Quant Time: Jan 23 00:18:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

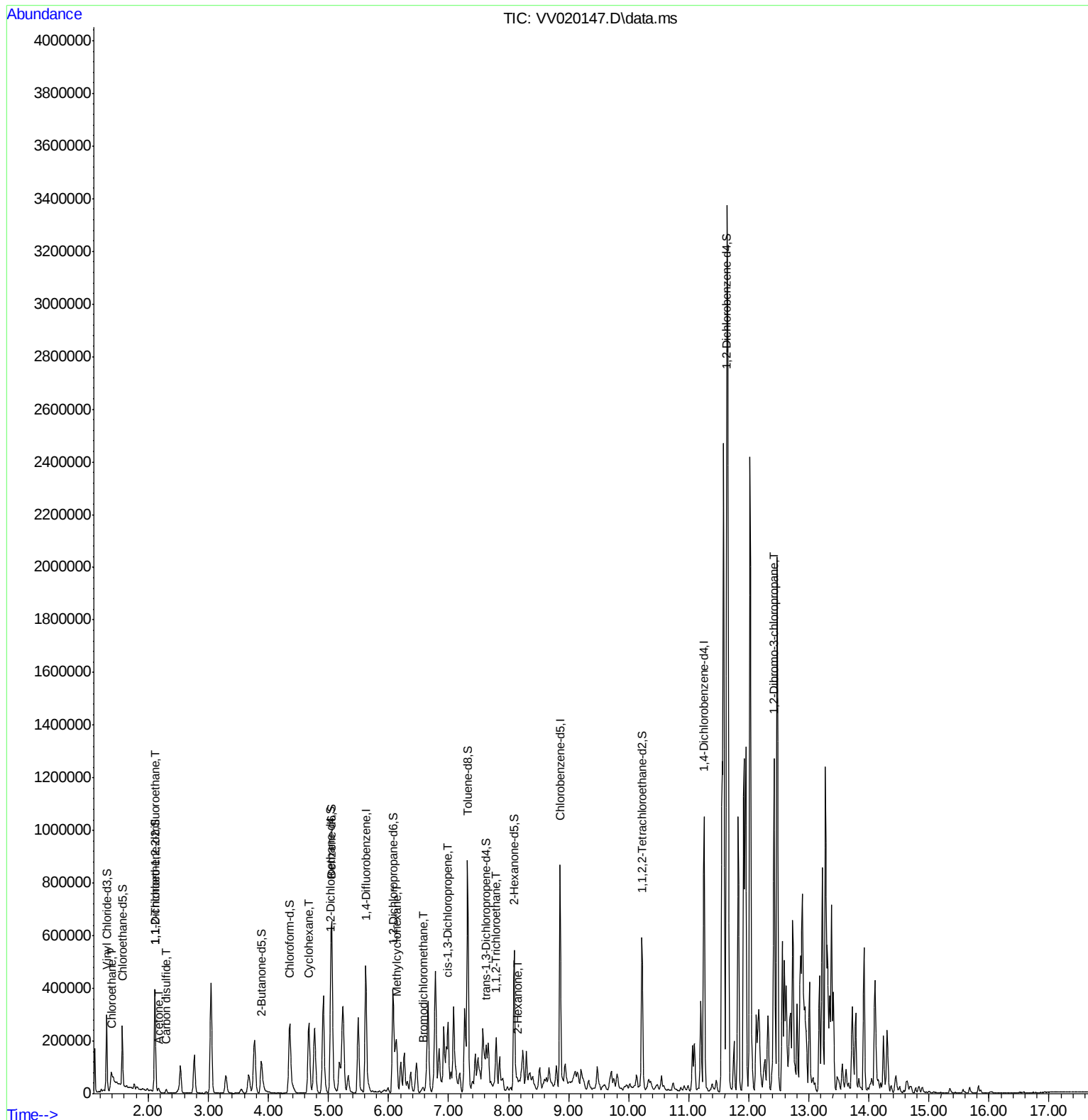
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	391767	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	435343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	234463	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	152181	52.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.74%			
7) Chloroethane-d5	1.566	69	133427	54.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.72%			
11) 1,1-Dichloroethene-d2	2.110	63	201263	34.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.36%			
21) 2-Butanone-d5	3.881	46	199806	100.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.27%			
24) Chloroform-d	4.354	84	263438	48.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.035	65	195283	51.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.52%			
32) Benzene-d6	5.055	84	539692	45.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.04%			
36) 1,2-Dichloropropane-d6	6.074	67	191596	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.24%			
41) Toluene-d8	7.318	98	539169	48.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.68%			
43) trans-1,3-Dichloroprop...	7.627	79	83711	45.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.40%			
47) 2-Hexanone-d5	8.090	63	152201	96.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.74%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	249789	48.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.42%			
64) 1,2-Dichlorobenzene-d4	11.630	152	223378	50.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						
8) Chloroethane	1.393	64	135451	62.25	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1874	0.68	ug/L #	23
13) Acetone	2.174	43	17356	10.12	ug/L	97
14) Carbon disulfide	2.296	76	18759	2.42	ug/L	99
29) Cyclohexane	4.672	56	50192	9.91	ug/L #	47
35) Methylcyclohexane	6.135	83	76530	14.49	ug/L #	79
38) Bromodichloromethane	6.572	83	13315	2.84	ug/L #	25
39) cis-1,3-Dichloropropene	6.990	75	5981	1.13	ug/L #	29
45) 1,1,2-Trichloroethane	7.791	97	68524	20.35	ug/L #	19
48) 2-Hexanone	8.148	43	7054	1.78	ug/L #	66
66) 1,2-Dibromo-3-chloropr...	12.421	75	5578	4.66	ug/L #	7

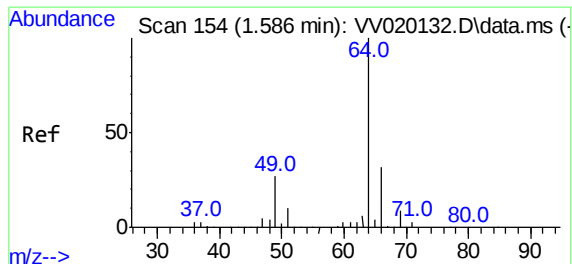
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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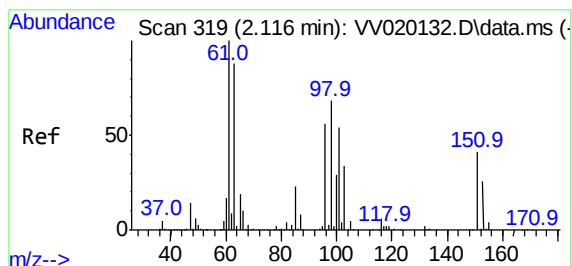
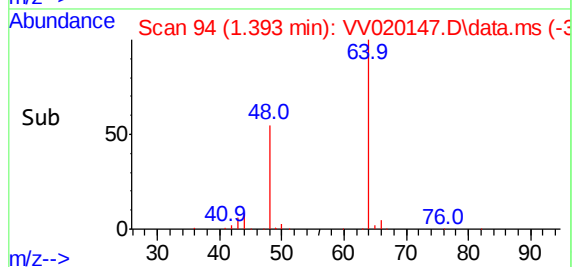
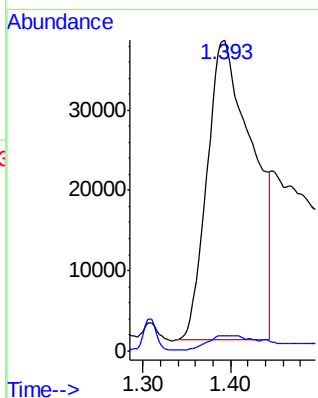
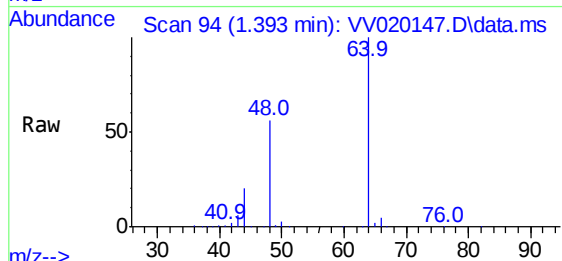




#8
Chloroethane
Concen: 62.25 ug/L
RT: 1.393 min Scan# 94
Delta R.T. -0.193 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

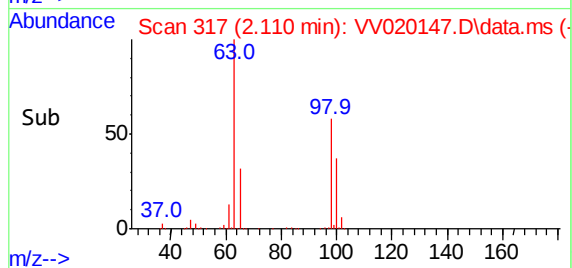
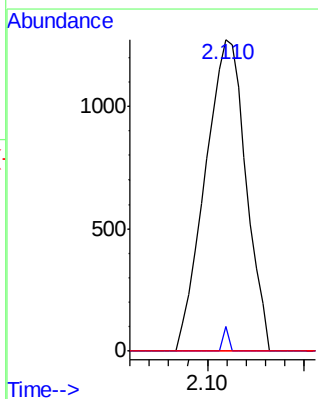
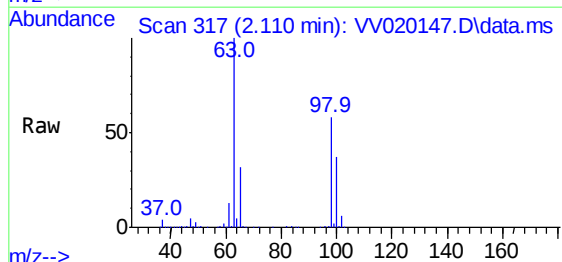
Instrument :
MSVOA_V
ClientSampled :
BG501

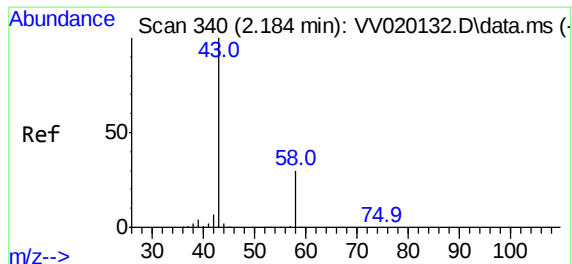
Tgt Ion: 64 Resp: 135451
Ion Ratio Lower Upper
64 100
66 4.6 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion:101 Resp: 1874
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#

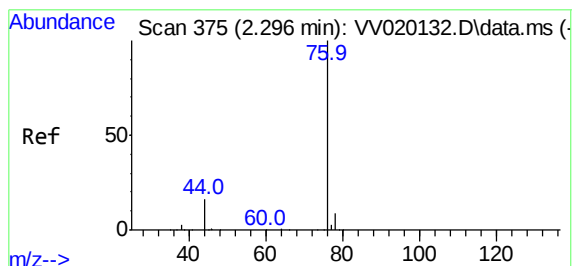
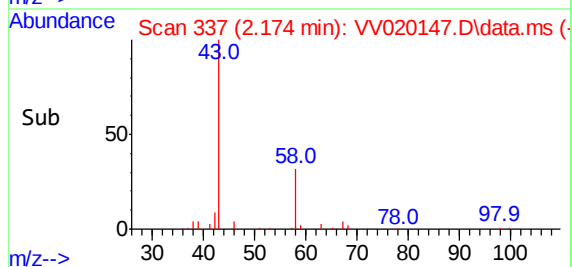
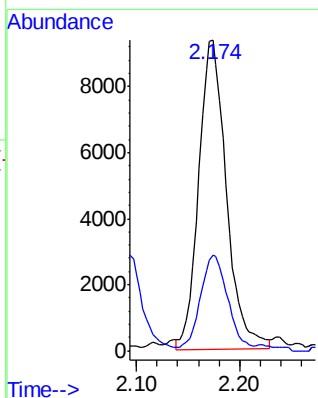
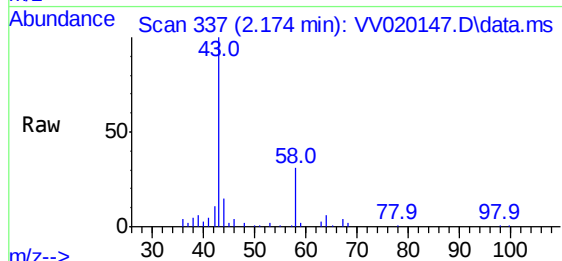




#13
Acetone
Concen: 10.12 ug/L
RT: 2.174 min Scan# 337
Delta R.T. -0.010 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

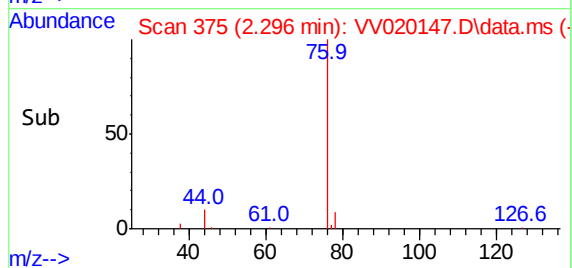
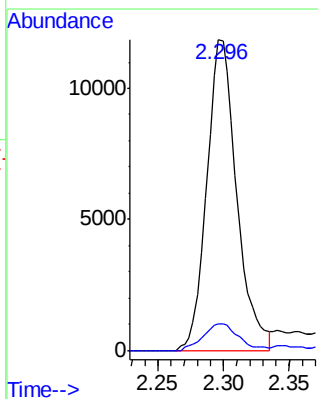
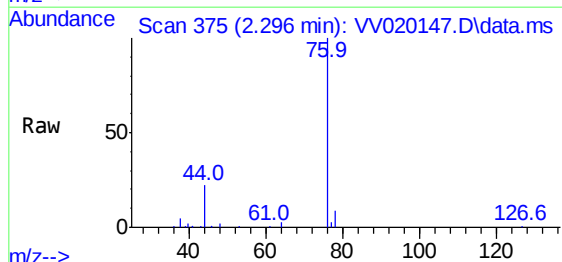
Instrument :
MSVOA_V
ClientSampleId :
BG501

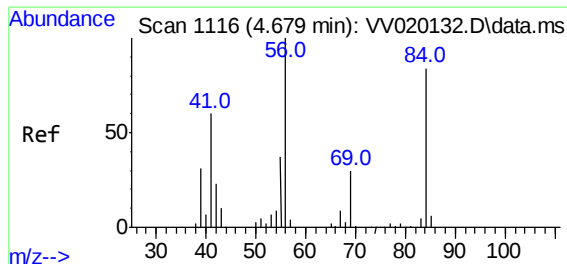
Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
58 28.4 0.0 60.2



#14
Carbon disulfide
Concen: 2.42 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion: 76 Resp: 18759
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

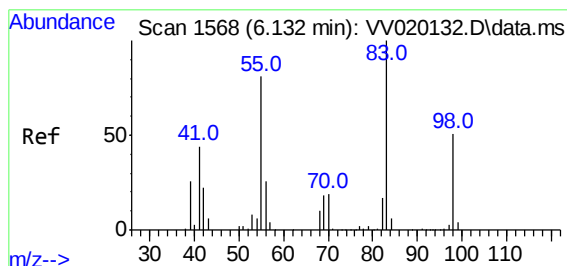
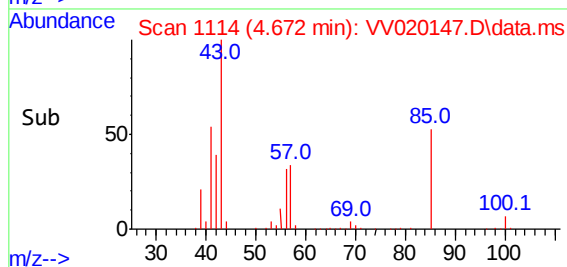
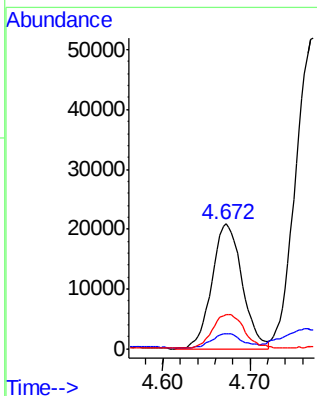
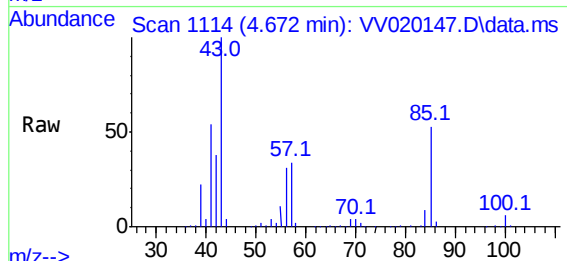




#29
Cyclohexane
Concen: 9.91 ug/L
RT: 4.672 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

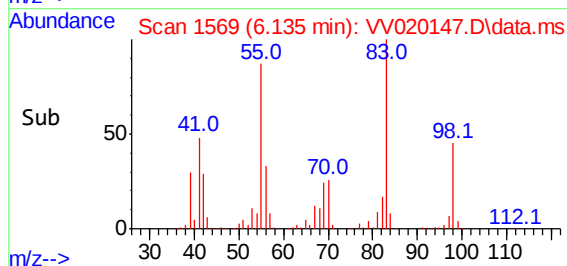
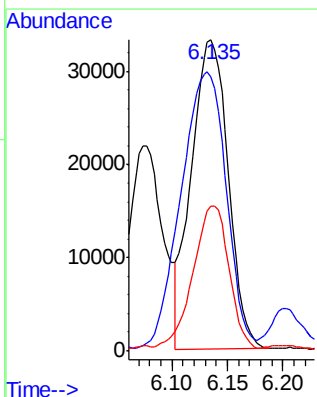
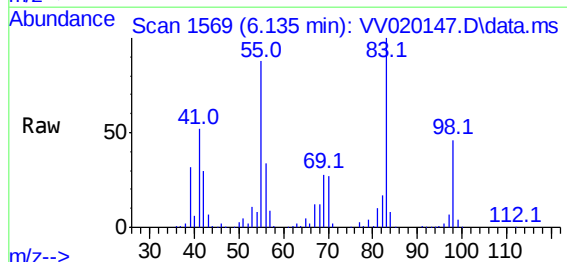
Instrument :
MSVOA_V
ClientSampleId :
BG501

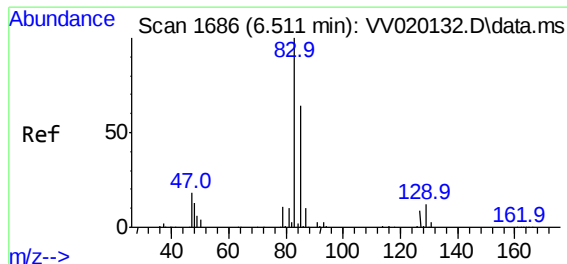
Tgt Ion: 56 Resp: 50192
Ion Ratio Lower Upper
56 100
69 11.7 24.2 36.2#
84 28.9 66.3 99.5#



#35
Methylcyclohexane
Concen: 14.49 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion: 83 Resp: 76530
Ion Ratio Lower Upper
83 100
55 109.5 65.1 97.7#
98 45.6 38.2 57.2

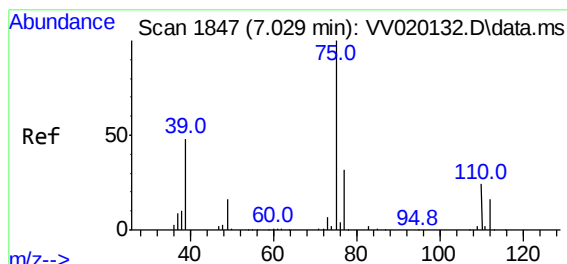
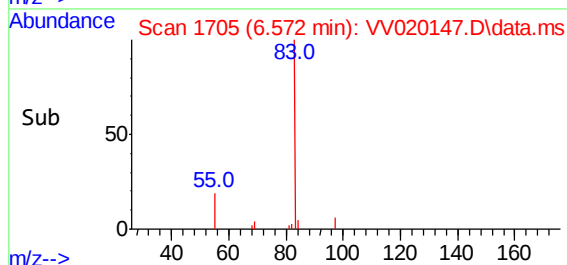
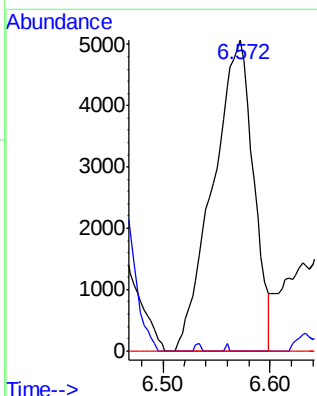
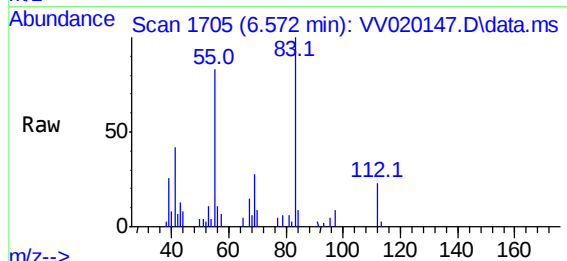




#38
Bromodichloromethane
Concen: 2.84 ug/L
RT: 6.572 min Scan# 1705
Delta R.T. 0.061 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

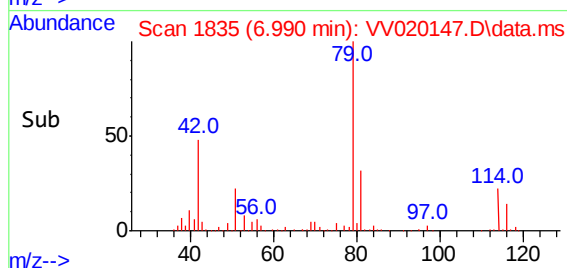
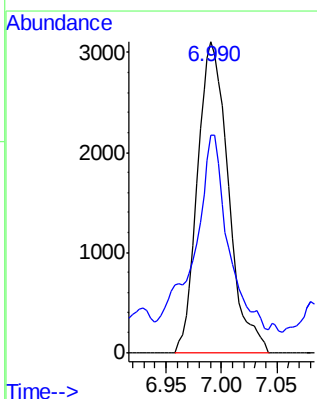
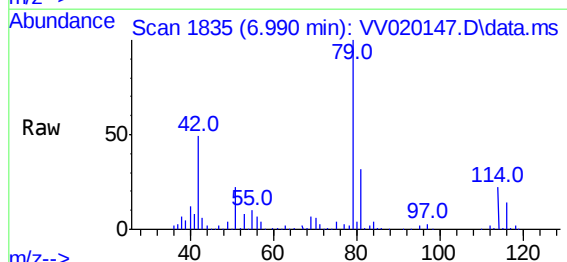
Instrument :
MSVOA_V
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BG501

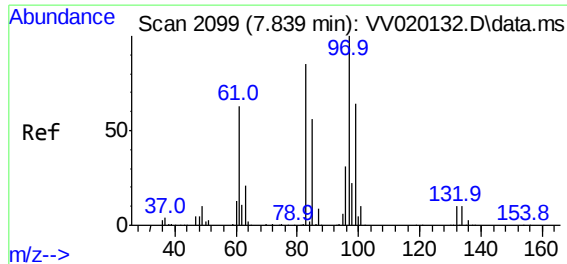
Tgt Ion: 83 Resp: 13315
Ion Ratio Lower Upper
83 100
85 0.0 44.5 82.7#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 1.13 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.039 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion: 75 Resp: 5981
Ion Ratio Lower Upper
75 100
77 70.1 21.8 40.6#



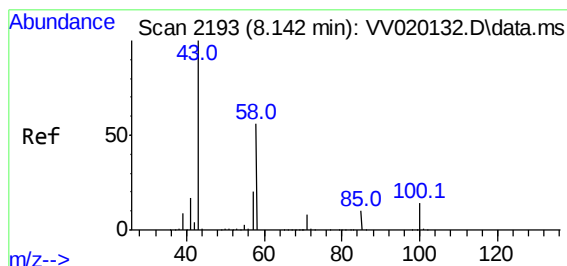
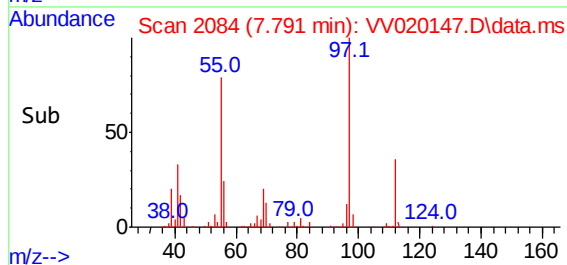
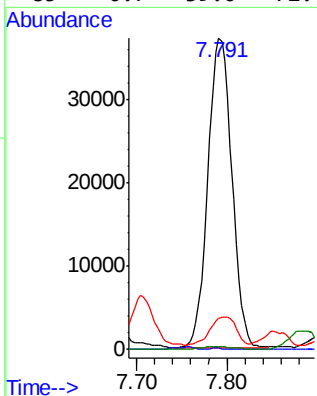
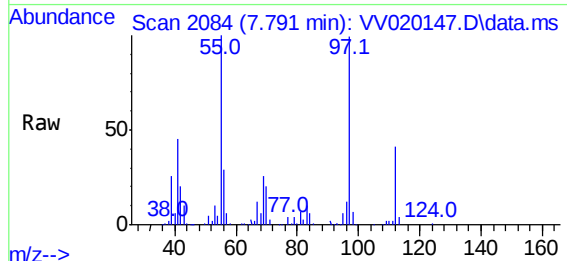


#45
1,1,2-Trichloroethane
Concen: 20.35 ug/L
RT: 7.791 min Scan# 2084
Delta R.T. -0.048 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Instrument :
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Tgt Ion: 97 Resp: 68524

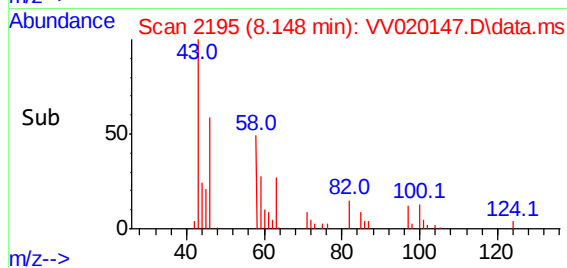
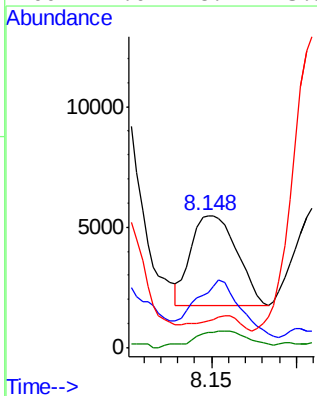
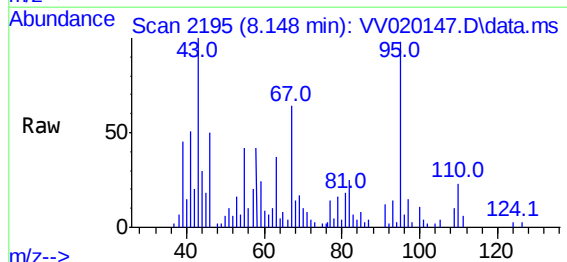
Ion	Ratio	Lower	Upper
97	100		
99	0.4	43.8	81.3#
83	9.8	62.2	115.4#
85	0.7	39.0	72.4#

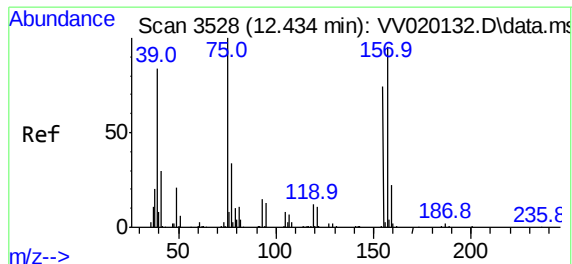


#48
2-Hexanone
Concen: 1.78 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020147.D
Acq: 22 Jan 2021 19:47

Tgt Ion: 43 Resp: 7054

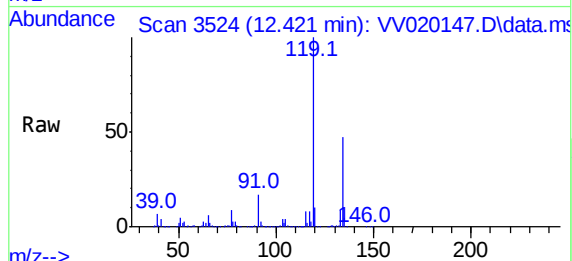
Ion	Ratio	Lower	Upper
43	100		
58	77.4	41.8	62.6#
57	0.0	15.0	22.4#
100	17.0	8.9	13.3#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.66 ug/L
 RT: 12.421 min Scan# 3524
 Delta R.T. -0.013 min
 Lab File: VV020147.D
 Acq: 22 Jan 2021 19:47

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Tgt Ion: 75 Resp: 5578
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.1 88.7#
 157 0.0 75.4 113.0#

