

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020048.D
 Acq On : 18 Jan 2021 17:05
 Operator : SY/MD
 Sample : M1147-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Z7

Quant Time: Jan 19 02:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

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

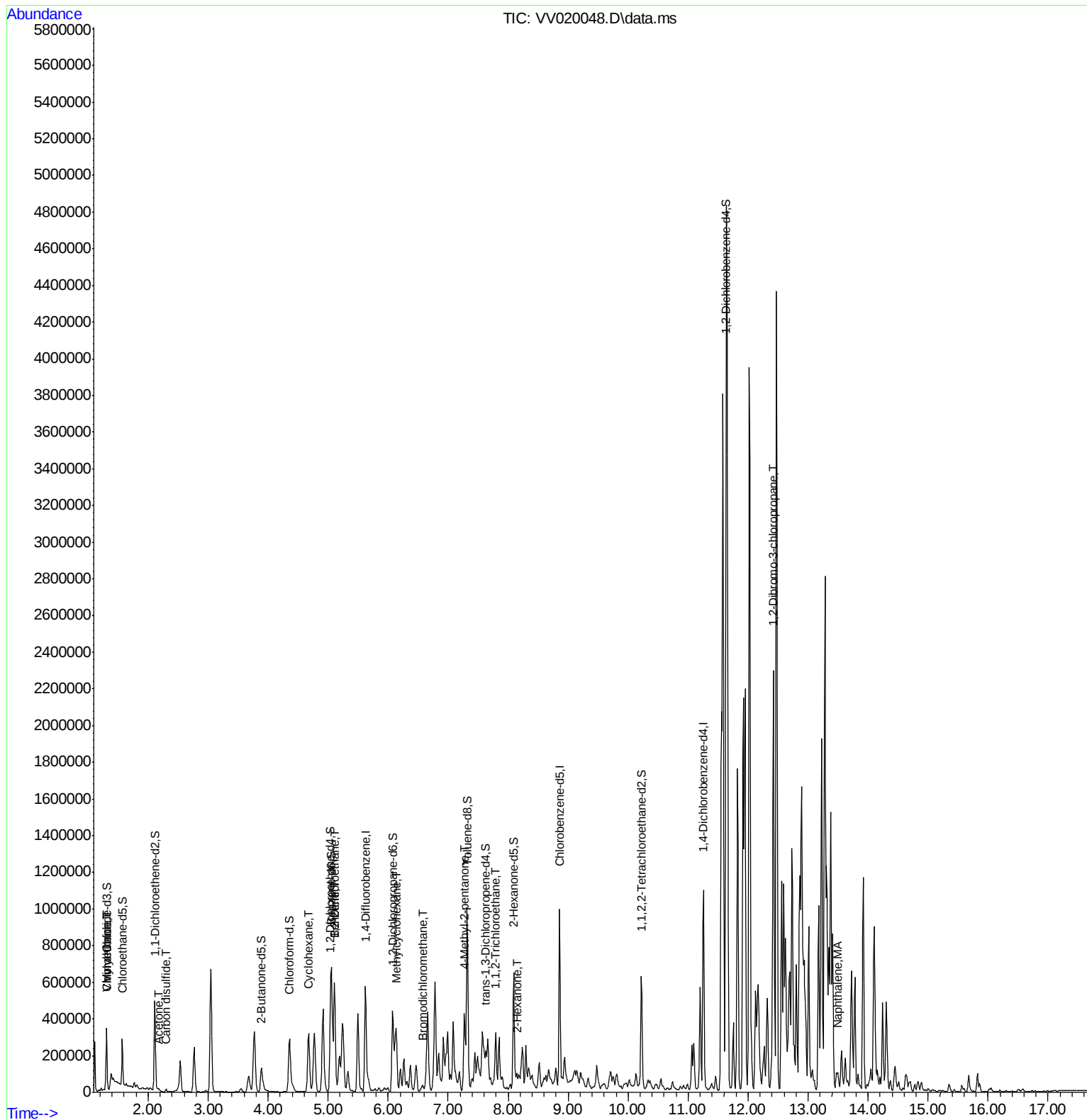
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	471955	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	477455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	212968	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	158028	39.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.40%		
7) Chloroethane-d5	1.569	69	148588	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.52%		
11) 1,1-Dichloroethene-d2	2.110	63	257464	32.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.68%		
21) 2-Butanone-d5	3.888	46	217407	84.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.18%		
24) Chloroform-d	4.354	84	281388	39.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.48%		
26) 1,2-Dichloroethane-d4	5.039	65	206060	42.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.54%		
32) Benzene-d6	5.055	84	539193	40.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.02%		
36) 1,2-Dichloropropane-d6	6.074	67	203894	48.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.92%		
41) Toluene-d8	7.322	98	605211	49.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.10%		
43) trans-1,3-Dichloroprop...	7.627	79	94148	43.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.24%		
47) 2-Hexanone-d5	8.090	63	175592	104.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.10%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	251842	44.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.56%		
64) 1,2-Dichlorobenzene-d4	11.633	152	211414	51.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.80%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.312	62	16182	3.66	ug/L #	61
8) Chloroethane	1.312	64	8172	3.00	ug/L	85
13) Acetone	2.177	43	17460	7.65	ug/L	94
14) Carbon disulfide	2.299	76	17317	1.75	ug/L	100
27) 1,2-Dichloroethane	5.106	62	6112	1.09	ug/L #	88
29) Cyclohexane	4.672	56	57960	10.27	ug/L #	47
33) Benzene	5.106	78	563493	40.65	ug/L	100
35) Methylcyclohexane	6.135	83	136547	24.06	ug/L #	81
38) Bromodichloromethane	6.572	83	20878	4.02	ug/L #	27
40) 4-Methyl-2-pentanone	7.270	43	30531	5.53	ug/L #	61
45) 1,1,2-Trichloroethane	7.791	97	106894	30.25	ug/L #	19
48) 2-Hexanone	8.154	43	7137	1.64	ug/L #	69
66) 1,2-Dibromo-3-chloropr...	12.421	75	11183	9.99	ug/L #	7
69) Naphthalene	13.495	128	10179	0.83	ug/L #	12

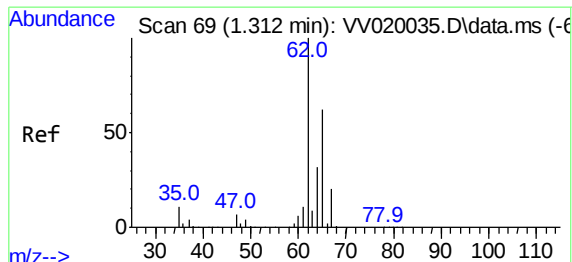
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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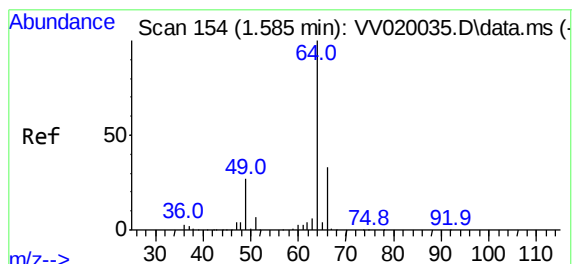
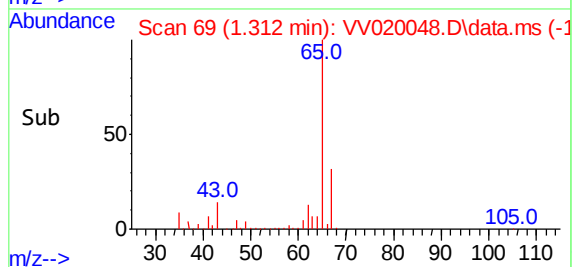
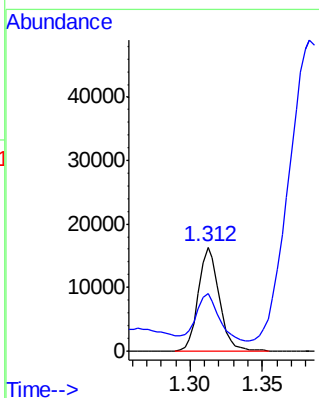
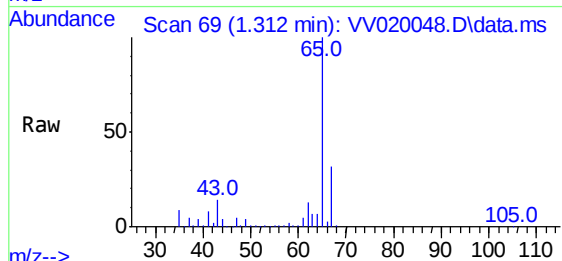




#5
Vinyl chloride
Concen: 3.66 ug/L
RT: 1.312 min Scan# 69
Delta R.T. 0.000 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

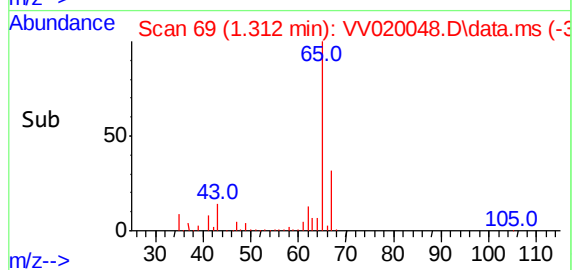
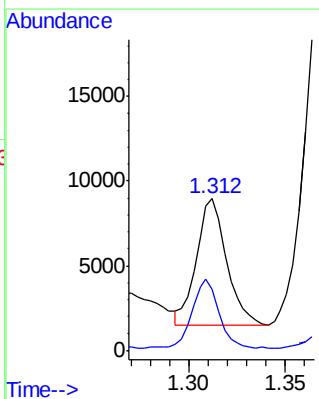
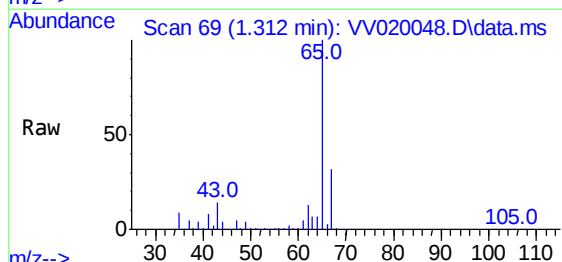
Instrument :
MSVOA_V
ClientSampled :
BG4Z7

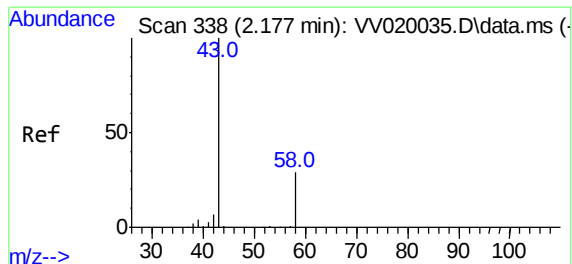
Tgt Ion: 62 Resp: 16182
Ion Ratio Lower Upper
62 100
64 54.8 23.0 42.6#



#8
Chloroethane
Concen: 3.00 ug/L
RT: 1.312 min Scan# 69
Delta R.T. -0.273 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

Tgt Ion: 64 Resp: 8172
Ion Ratio Lower Upper
64 100
66 40.1 22.4 41.6

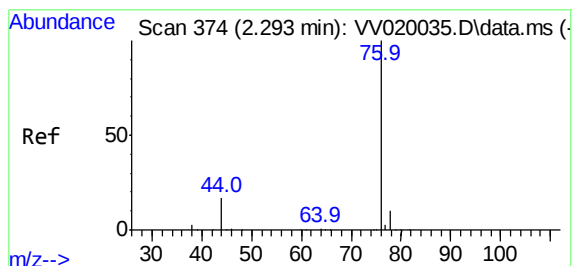
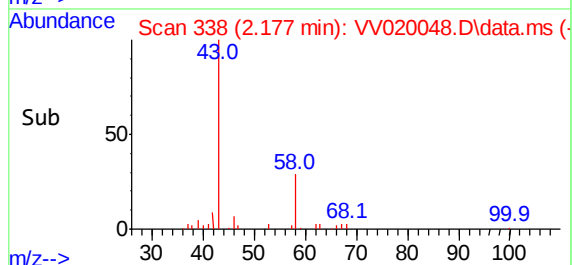
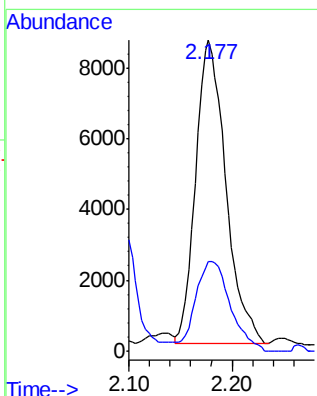
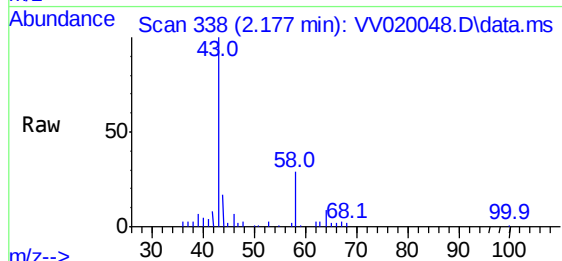




#13
Acetone
Concen: 7.65 ug/L
RT: 2.177 min Scan# 338
Delta R.T. 0.000 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

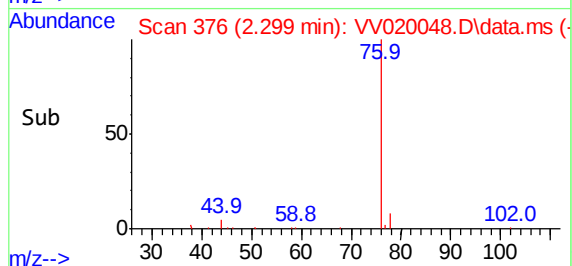
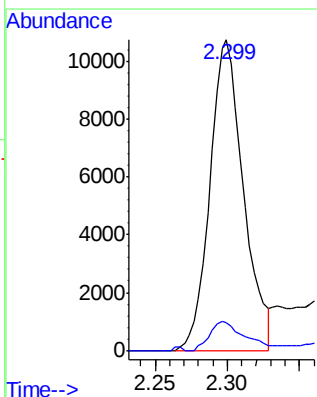
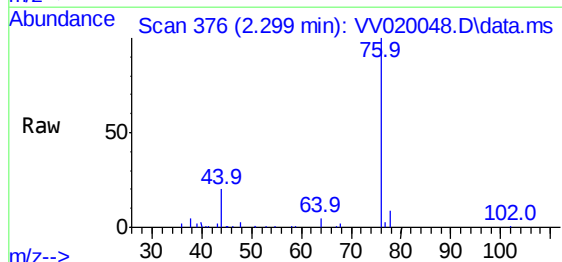
Instrument :
MSVOA_V
ClientSampled :
BG4Z7

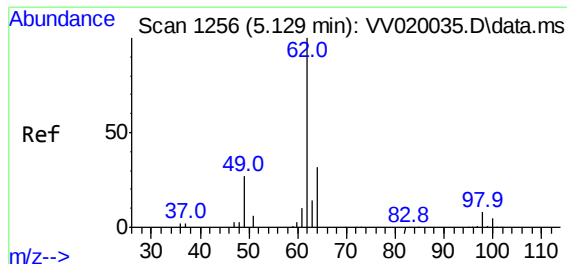
Tgt Ion: 43 Resp: 17460
Ion Ratio Lower Upper
43 100
58 33.6 0.0 60.2



#14
Carbon disulfide
Concen: 1.75 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

Tgt Ion: 76 Resp: 17317
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

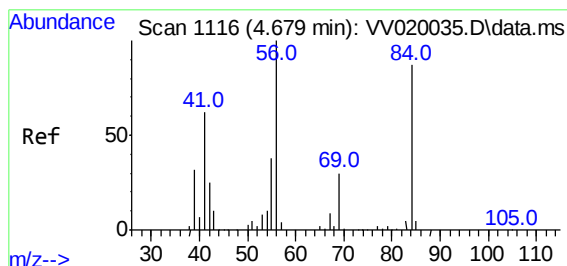
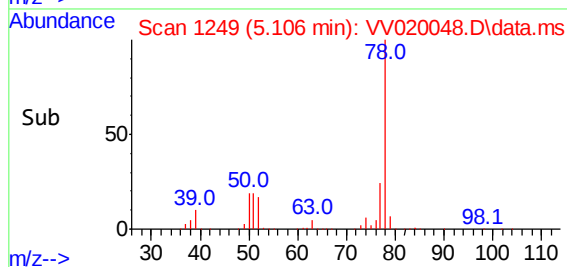
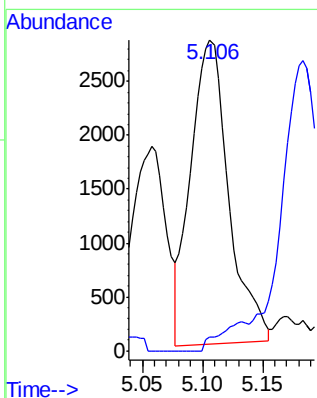
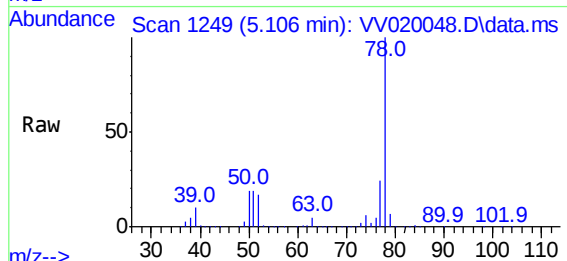




#27
1,2-Dichloroethane
Concen: 1.09 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. -0.022 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

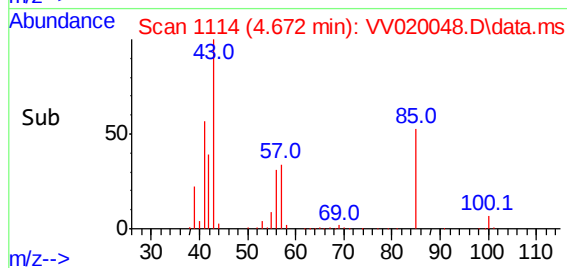
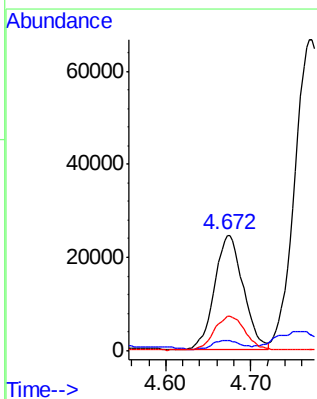
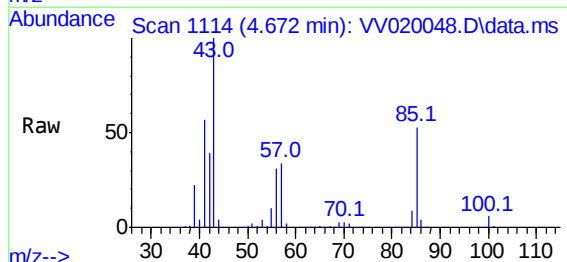
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ClientSampleId :
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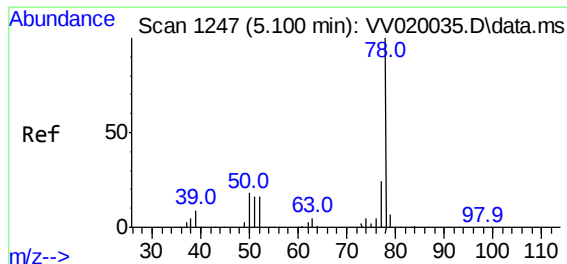
Tgt Ion: 62 Resp: 6112
Ion Ratio Lower Upper
62 100
98 4.4 6.9 10.3#



#29
Cyclohexane
Concen: 10.27 ug/L
RT: 4.672 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

Tgt Ion: 56 Resp: 57960
Ion Ratio Lower Upper
56 100
69 7.7 24.2 36.2#
84 31.5 66.3 99.5#

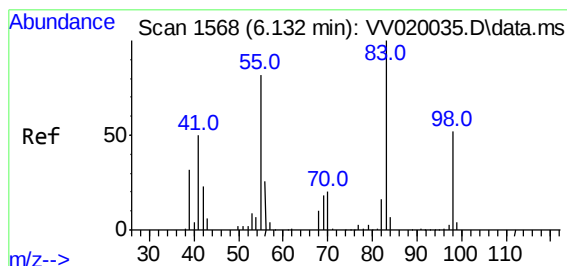
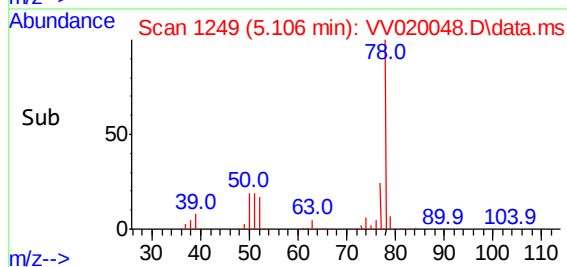
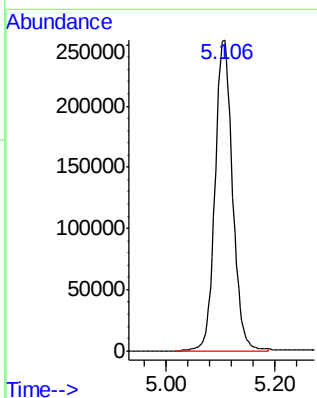
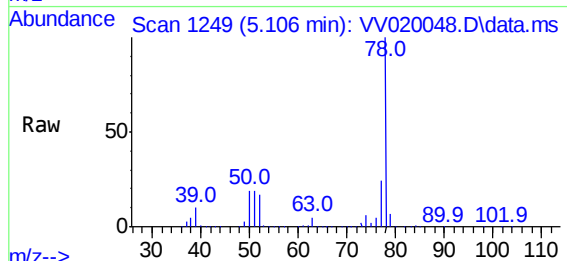




#33
Benzene
Concen: 40.65 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

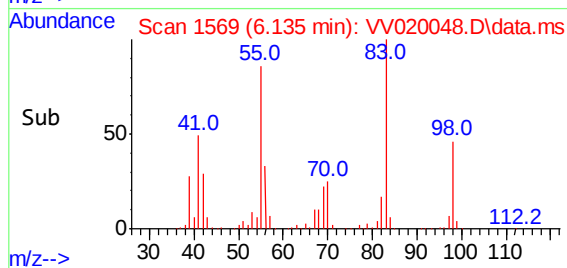
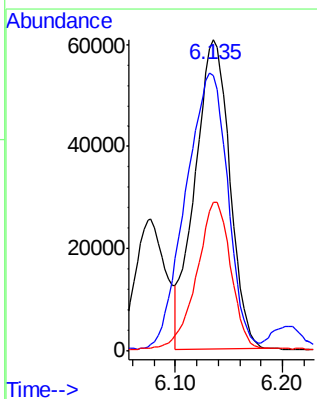
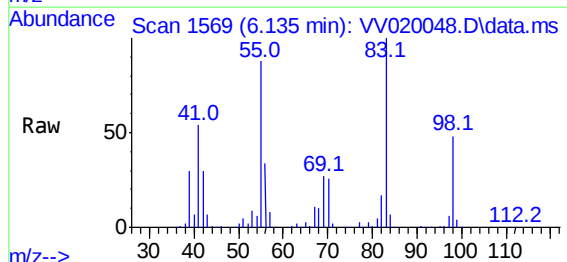
Instrument :
MSVOA_V
ClientSampled :
BG4Z7

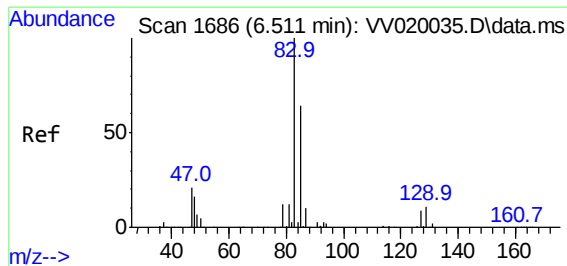
Tgt Ion: 78 Resp: 563493



#35
Methylcyclohexane
Concen: 24.06 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

Tgt Ion: 83 Resp: 136547
Ion Ratio Lower Upper
83 100
55 107.6 65.1 97.7#
98 47.9 38.2 57.2





#38

Bromodichloromethane

Concen: 4.02 ug/L

RT: 6.572 min Scan# 1705

Delta R.T. 0.061 min

Lab File: VV020048.D

Acq: 18 Jan 2021 17:05

Tgt Ion: 83 Resp: 20878

Ion Ratio Lower Upper

83 100

85 2.2 44.5 82.7#

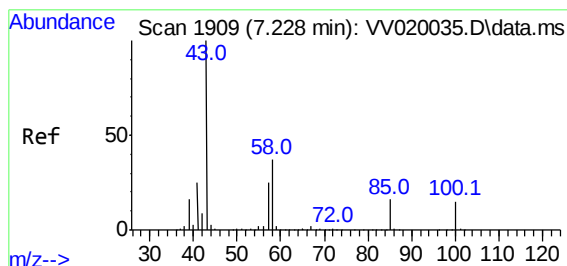
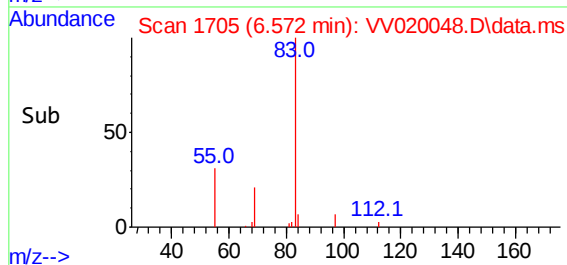
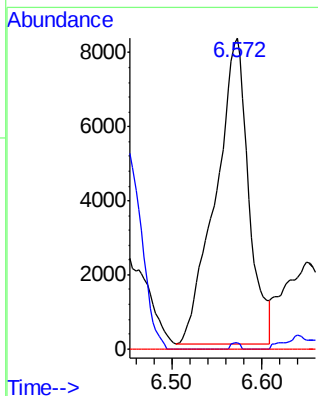
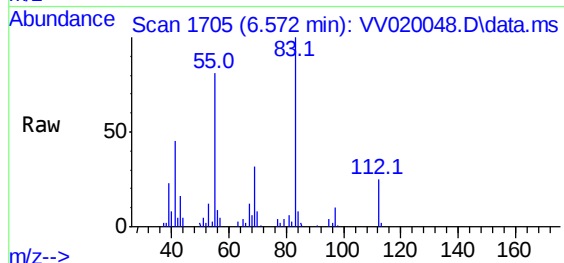
127 0.0 6.3 9.5#

Instrument :

MSVOA_V

ClientSampled :

BG4Z7



#40

4-Methyl-2-pentanone

Concen: 5.53 ug/L

RT: 7.270 min Scan# 1922

Delta R.T. 0.042 min

Lab File: VV020048.D

Acq: 18 Jan 2021 17:05

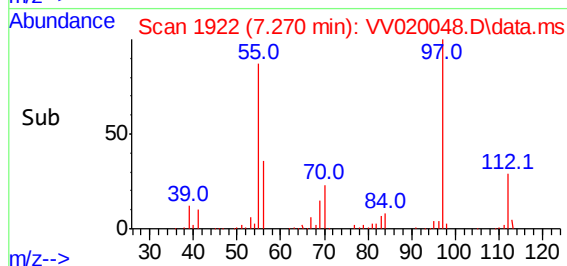
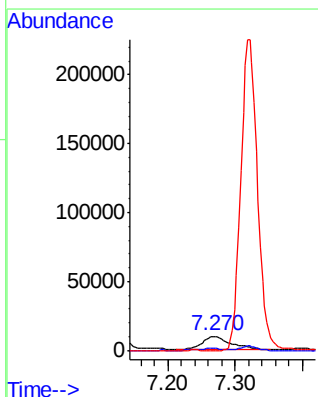
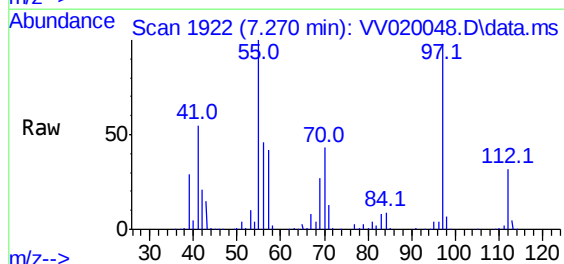
Tgt Ion: 43 Resp: 30531

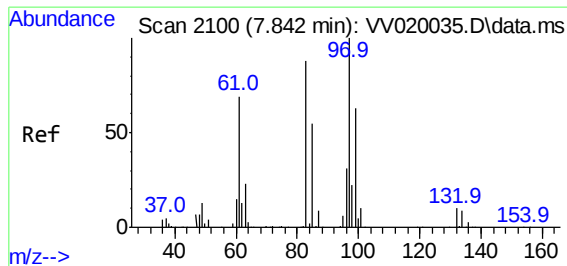
Ion Ratio Lower Upper

43 100

58 13.4 30.7 46.1#

100 1.4 11.6 17.4#

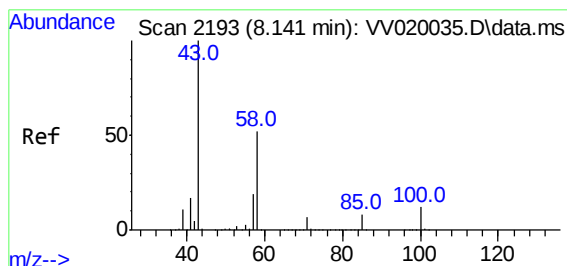
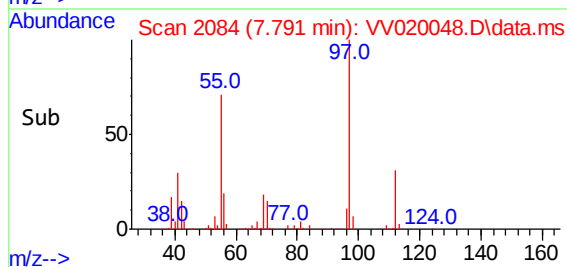
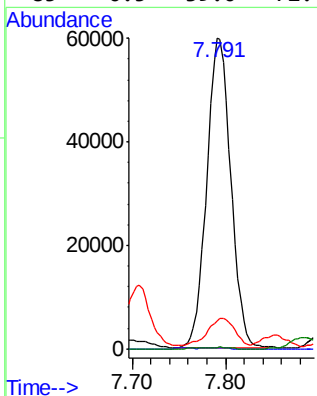
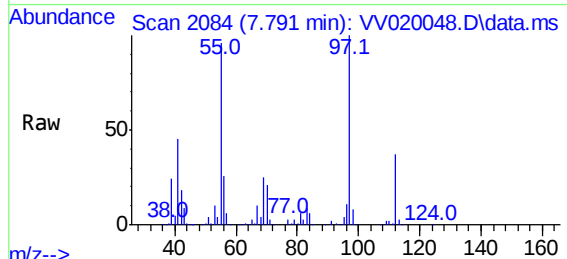




#45
1,1,2-Trichloroethane
Concen: 30.25 ug/L
RT: 7.791 min Scan# 2084
Delta R.T. -0.051 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

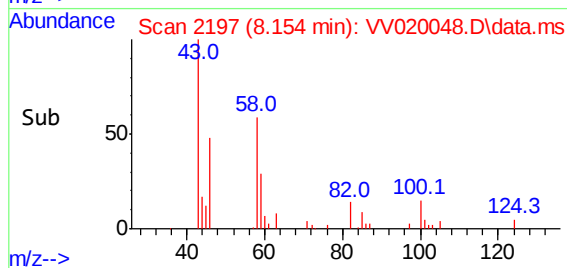
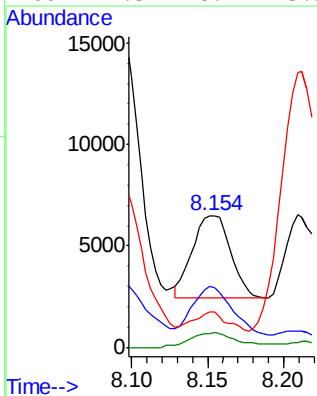
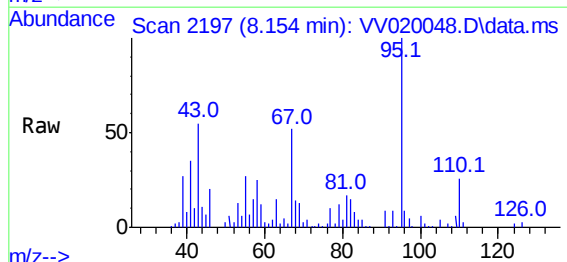
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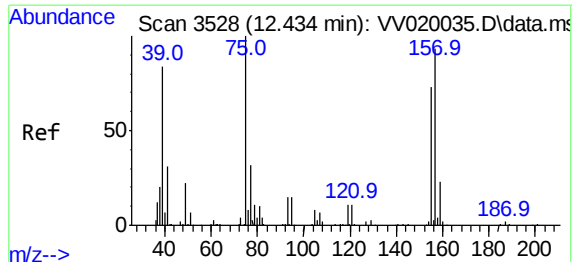
Tgt Ion: 97 Resp: 106894
Ion Ratio Lower Upper
97 100
99 0.4 43.8 81.3#
83 9.0 62.2 115.4#
85 0.5 39.0 72.4#



#48
2-Hexanone
Concen: 1.64 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

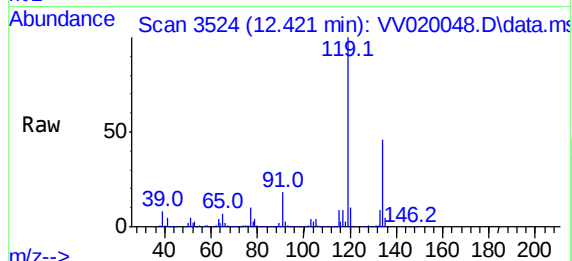
Tgt Ion: 43 Resp: 7137
Ion Ratio Lower Upper
43 100
58 82.3 41.8 62.6#
57 19.1 15.0 22.4
100 22.3 8.9 13.3#



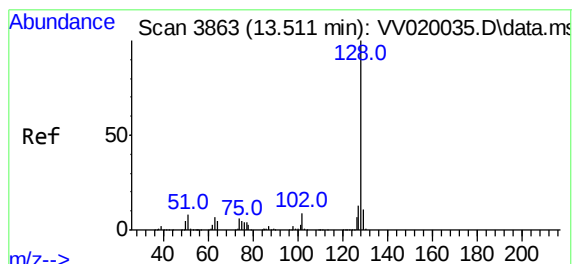
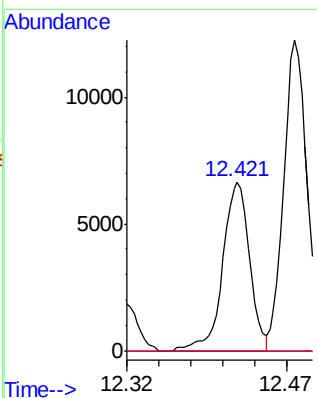
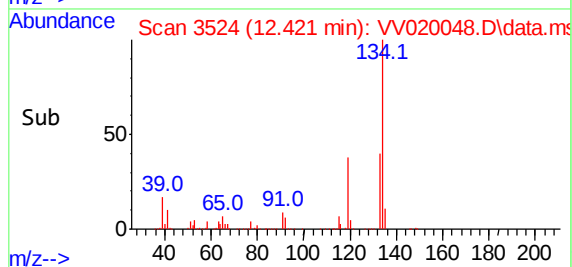


#66
1,2-Dibromo-3-chloropropane
Concen: 9.99 ug/L
RT: 12.421 min Scan# 3524
Delta R.T. -0.013 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

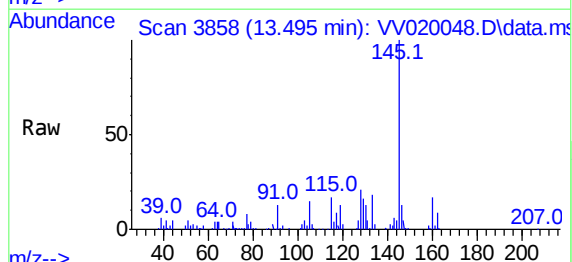
Instrument :
MSVOA_V
ClientSampled :
BG4Z7



Tgt Ion: 75 Resp: 11183
Ion Ratio Lower Upper
75 100
155 0.0 59.1 88.7#
157 0.0 75.4 113.0#



#69
Naphthalene
Concen: 0.83 ug/L
RT: 13.495 min Scan# 3858
Delta R.T. -0.016 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05



Tgt Ion: 128 Resp: 10179
Ion Ratio Lower Upper
128 100
127 27.0 10.3 15.5#
129 68.1 8.6 13.0#

