

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020047.D
 Acq On : 18 Jan 2021 16:41
 Operator : SY/MD
 Sample : M1147-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Z6

Quant Time: Jan 19 02:51:01 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)

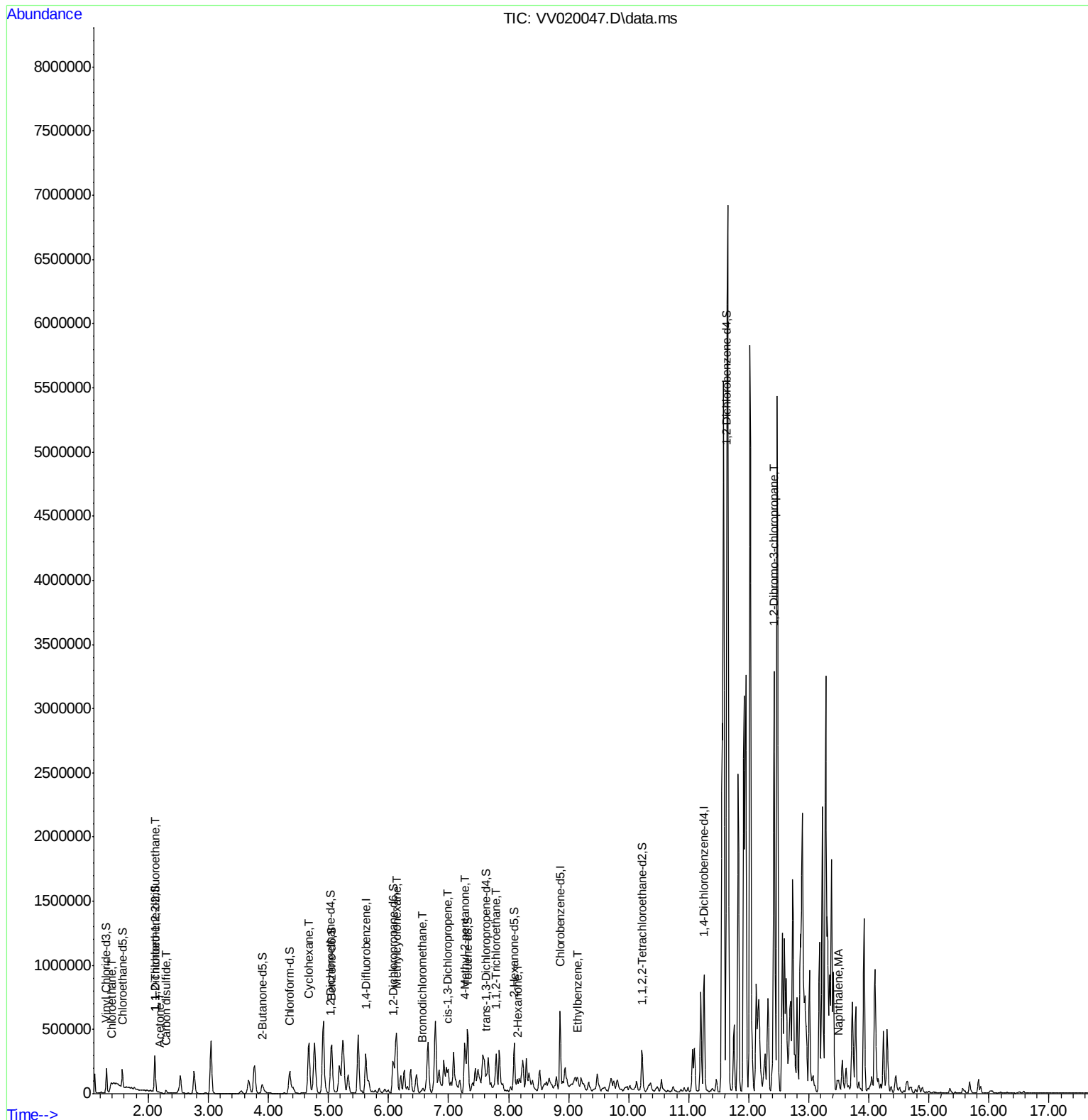
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	250495	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	305013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	158471	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	91537	43.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.64%		
7) Chloroethane-d5	1.569	69	82437	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.76%		
11) 1,1-Dichloroethene-d2	2.110	63	148798	35.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.52%		
21) 2-Butanone-d5	3.894	46	116156	84.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.74%		
24) Chloroform-d	4.354	84	171593	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.18%		
26) 1,2-Dichloroethane-d4	5.035	65	115957	44.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.62%		
32) Benzene-d6	5.055	84	302484	35.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.28%		
36) 1,2-Dichloropropane-d6	6.074	67	117254	43.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.26%		
41) Toluene-d8	7.322	98	279397	35.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.62%#		
43) trans-1,3-Dichloroprop...	7.627	79	51677	37.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.10%		
47) 2-Hexanone-d5	8.093	63	94255	87.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.47%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	124120	34.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	68.32%		
64) 1,2-Dichlorobenzene-d4	11.633	152	141612	46.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.54%		
Target Compounds					Qvalue	
8) Chloroethane	1.386	64	94778	65.59	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1246	0.68	ug/L #	23
13) Acetone	2.193	43	9460	7.81	ug/L	98
14) Carbon disulfide	2.296	76	29030	5.53	ug/L	96
29) Cyclohexane	4.672	56	73999	20.52	ug/L #	45
35) Methylcyclohexane	6.135	83	187843	51.81	ug/L #	85
38) Bromodichloromethane	6.569	83	24850	7.49	ug/L #	25
39) cis-1,3-Dichloropropene	6.990	75	3375	0.94	ug/L #	30
40) 4-Methyl-2-pentanone	7.267	43	26088	7.39	ug/L #	58
45) 1,1,2-Trichloroethane	7.791	97	93116	41.25	ug/L #	20
48) 2-Hexanone	8.154	43	6319	2.28	ug/L #	91
52) Ethylbenzene	9.148	91	7867	0.73	ug/L	88
66) 1,2-Dibromo-3-chloropr...	12.421	75	14000	16.80	ug/L #	7
69) Naphthalene	13.495	128	9778	1.07	ug/L #	1

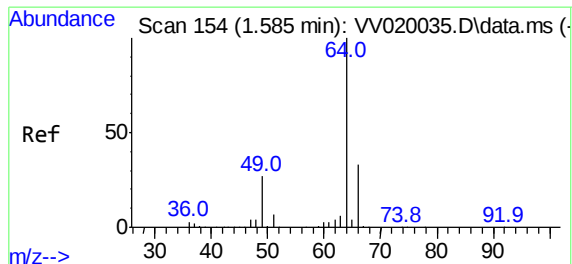
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020047.D
Acq On : 18 Jan 2021 16:41
Operator : SY/MD
Sample : M1147-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z6

Quant Time: Jan 19 02:51:01 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

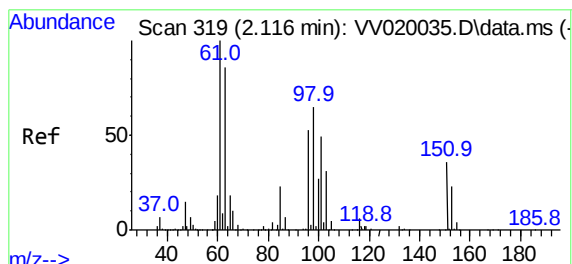
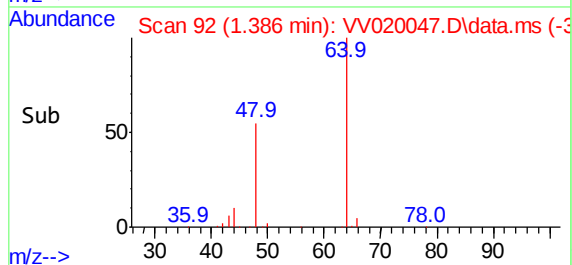
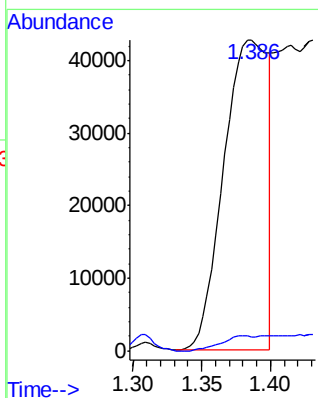
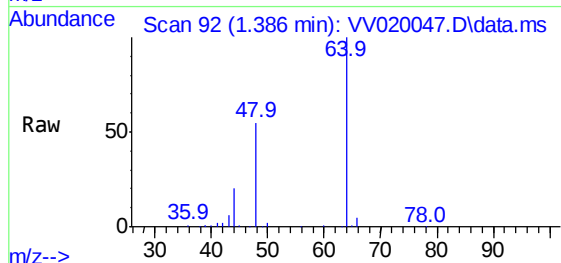




#8
Chloroethane
Concen: 65.59 ug/L
RT: 1.386 min Scan# 92
Delta R.T. -0.199 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

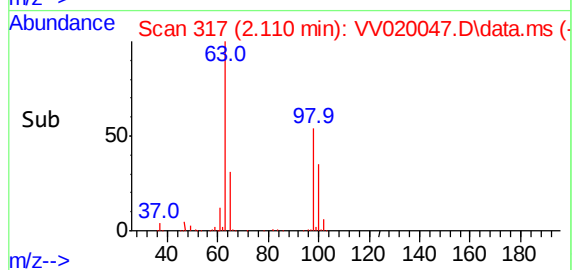
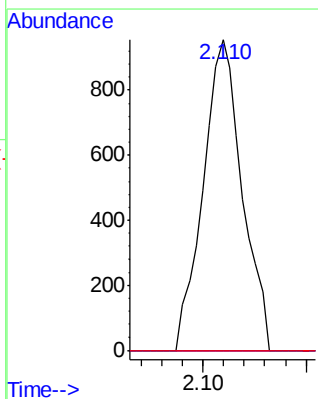
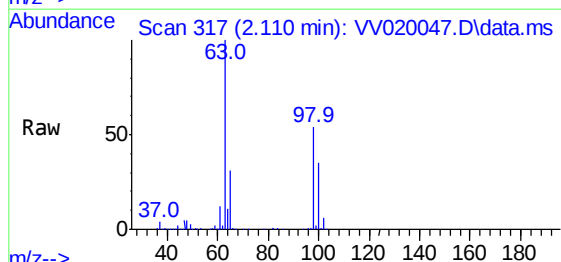
Instrument :
MSVOA_V
ClientSampled :
BG4Z6

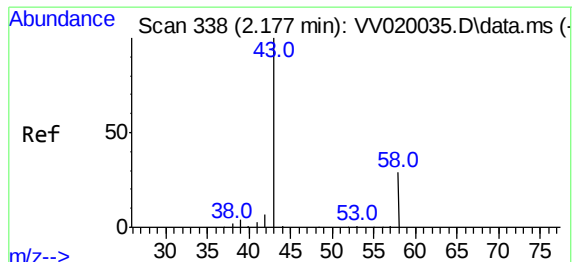
Tgt Ion: 64 Resp: 94778
Ion Ratio Lower Upper
64 100
66 4.6 22.4 41.6#



#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: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion:101 Resp: 1246
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#

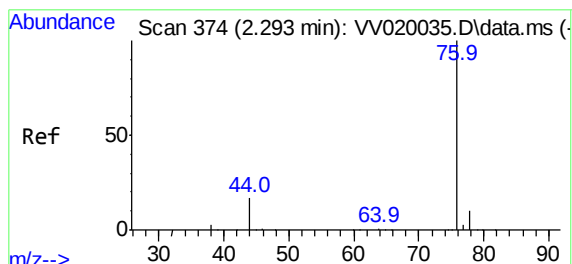
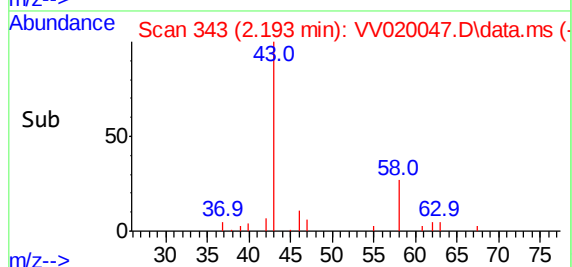
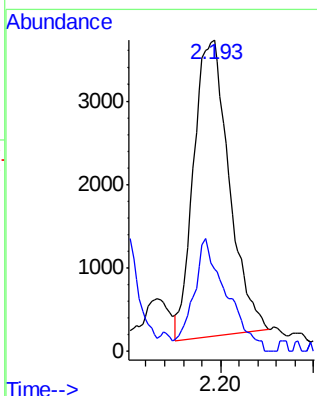
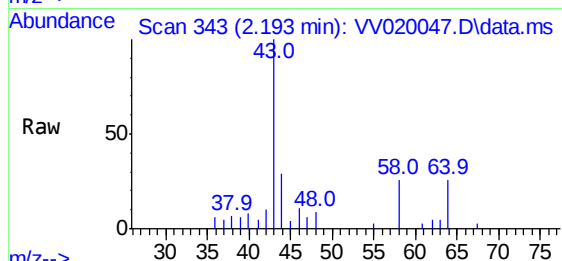




#13
Acetone
Concen: 7.81 ug/L
RT: 2.193 min Scan# 343
Delta R.T. 0.016 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

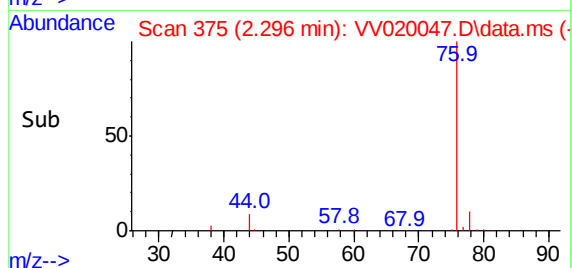
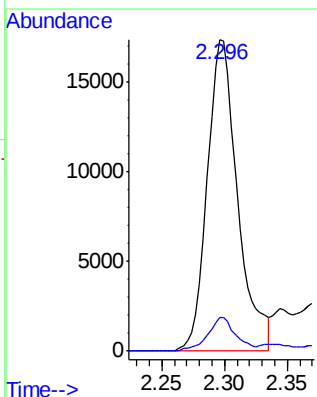
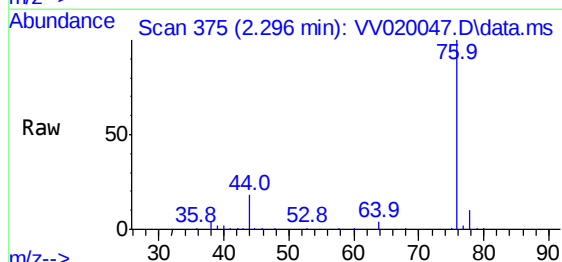
Instrument :
MSVOA_V
ClientSampled :
BG4Z6

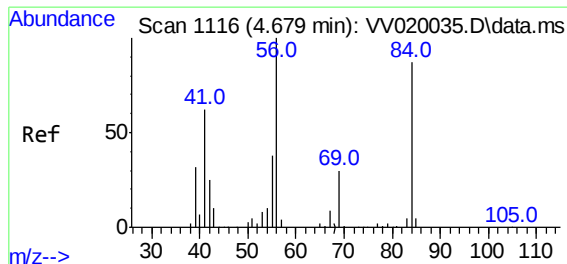
Tgt Ion: 43 Resp: 9460
Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.2



#14
Carbon disulfide
Concen: 5.53 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 76 Resp: 29030
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

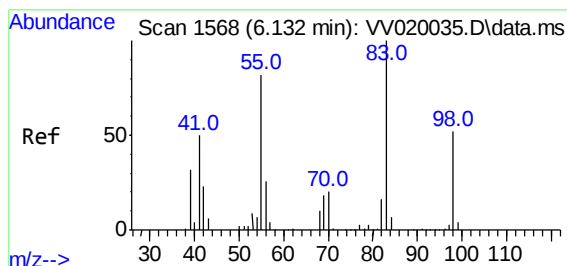
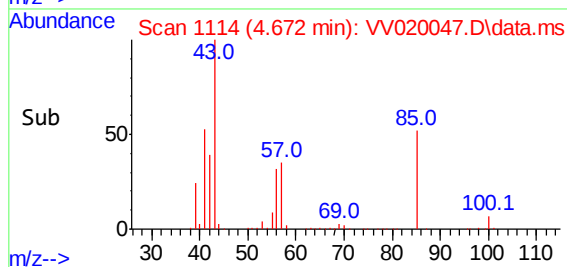
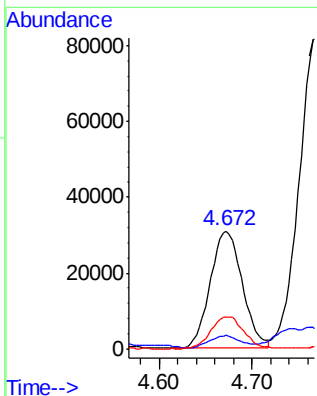
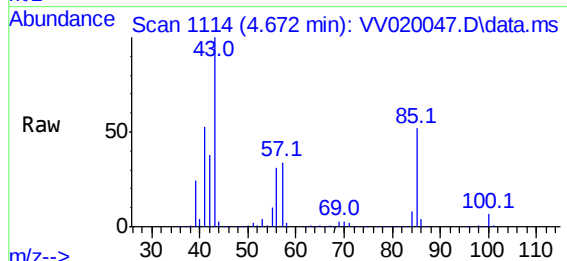




#29
Cyclohexane
Concen: 20.52 ug/L
RT: 4.672 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

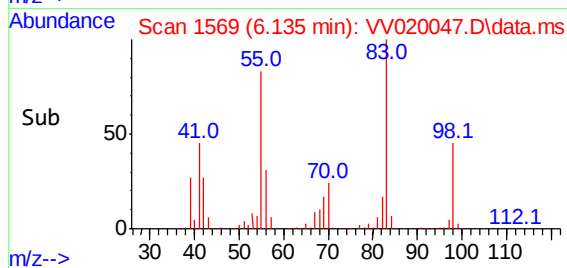
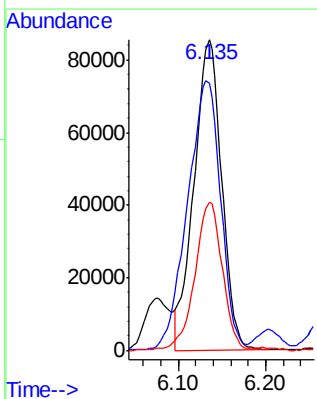
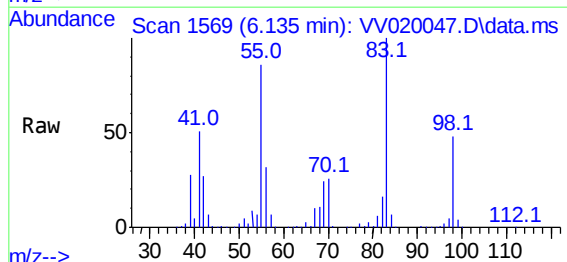
Instrument :
MSVOA_V
ClientSampled :
BG4Z6

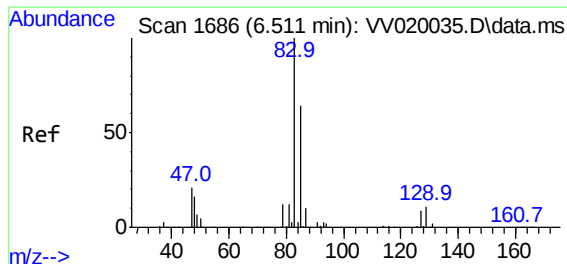
Tgt Ion: 56 Resp: 73999
Ion Ratio Lower Upper
56 100
69 9.5 24.2 36.2#
84 28.3 66.3 99.5#



#35
Methylcyclohexane
Concen: 51.81 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 83 Resp: 187843
Ion Ratio Lower Upper
83 100
55 103.0 65.1 97.7#
98 47.6 38.2 57.2

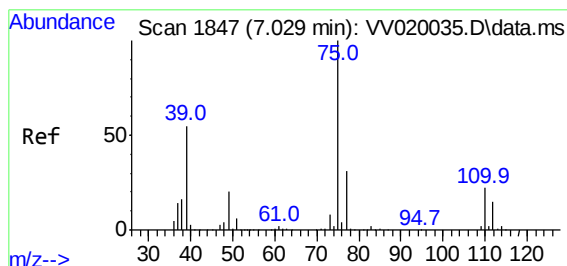
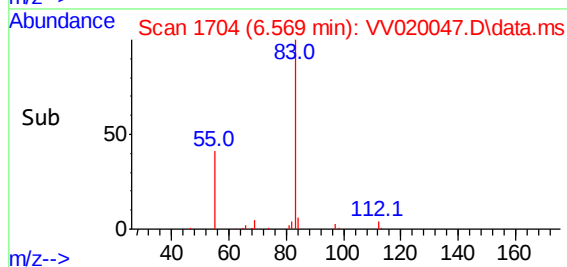
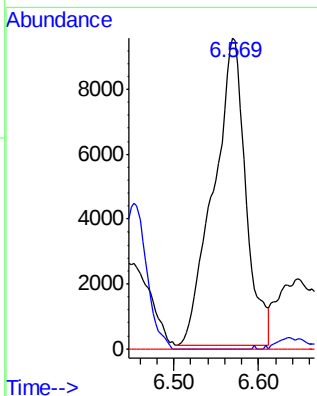
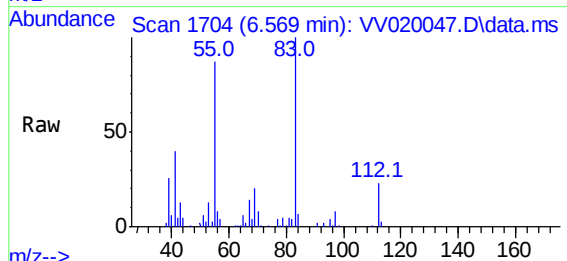




#38
Bromodichloromethane
Concen: 7.49 ug/L
RT: 6.569 min Scan# 1704
Delta R.T. 0.058 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

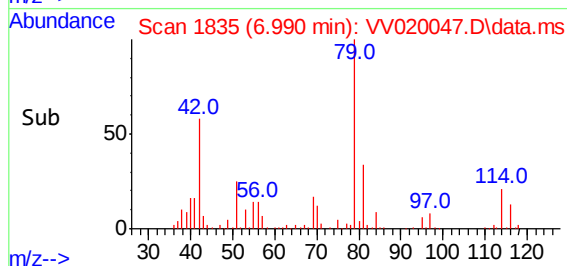
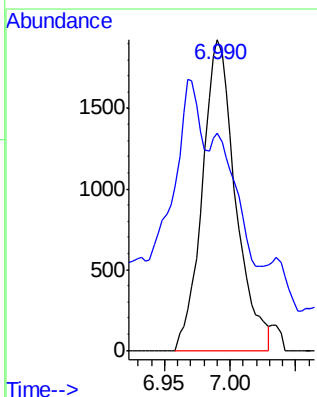
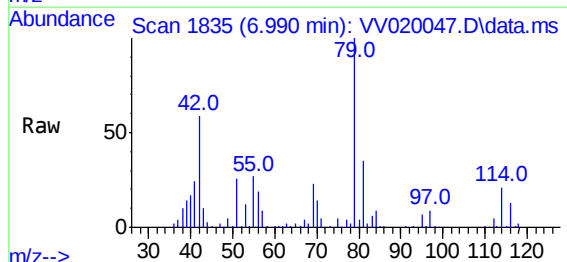
Instrument :
MSVOA_V
ClientSampled :
BG4Z6

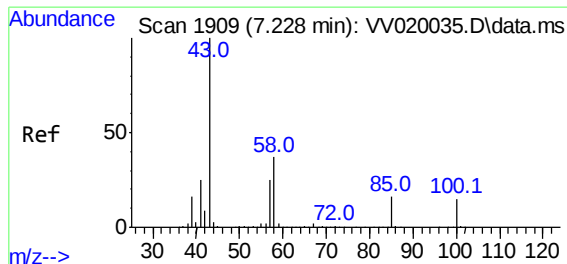
Tgt Ion: 83 Resp: 24850
Ion Ratio Lower Upper
83 100
85 0.0 44.5 82.7#
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.94 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.039 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 75 Resp: 3375
Ion Ratio Lower Upper
75 100
77 69.9 21.8 40.6#

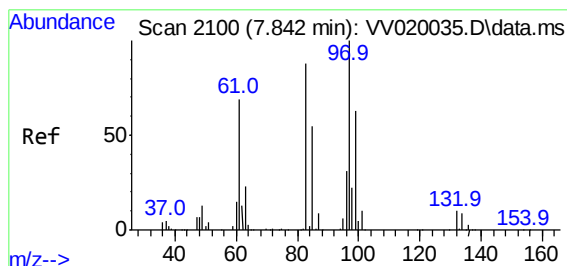
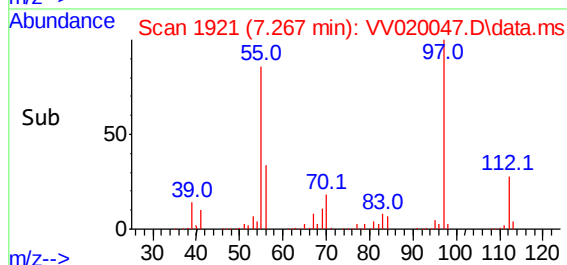
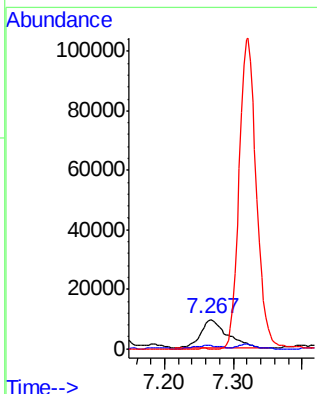
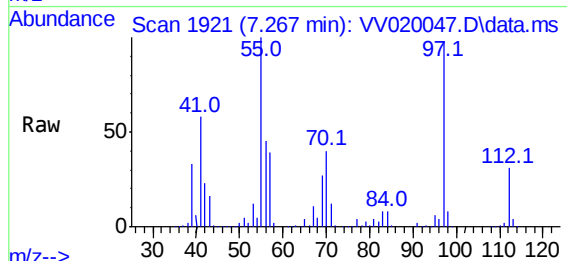




#40
4-Methyl-2-pentanone
Concen: 7.39 ug/L
RT: 7.267 min Scan# 1921
Delta R.T. 0.039 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

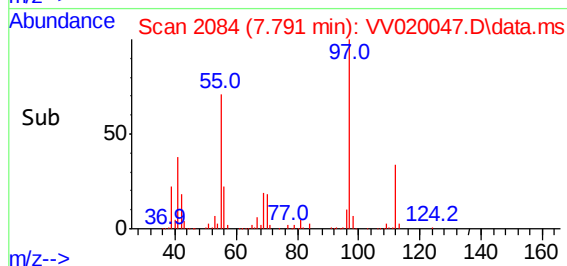
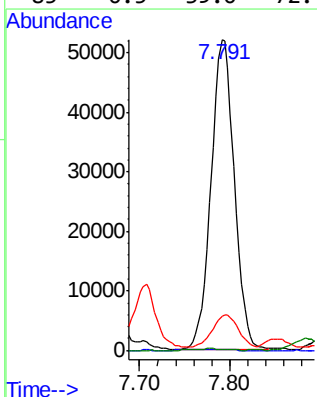
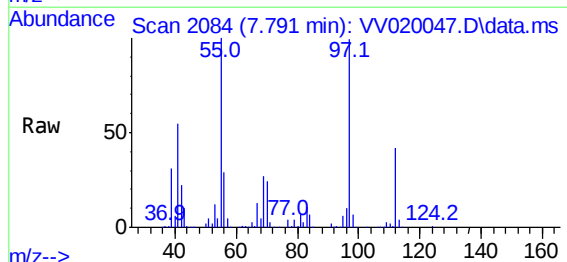
Instrument :
MSVOA_V
ClientSampled :
BG4Z6

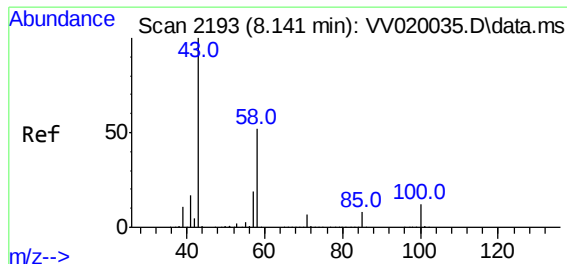
Tgt Ion: 43 Resp: 26088
Ion Ratio Lower Upper
43 100
58 11.0 30.7 46.1#
100 0.4 11.6 17.4#



#45
1,1,2-Trichloroethane
Concen: 41.25 ug/L
RT: 7.791 min Scan# 2084
Delta R.T. -0.051 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 97 Resp: 93116
Ion Ratio Lower Upper
97 100
99 0.3 43.8 81.3#
83 10.9 62.2 115.4#
85 0.5 39.0 72.4#

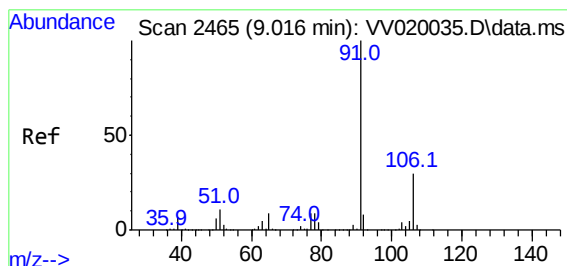
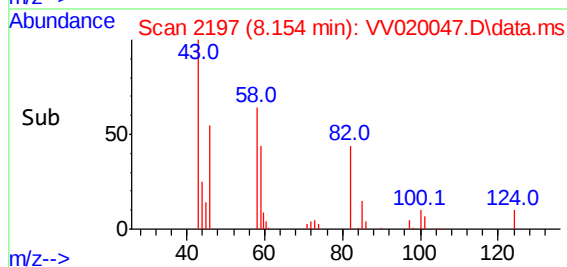
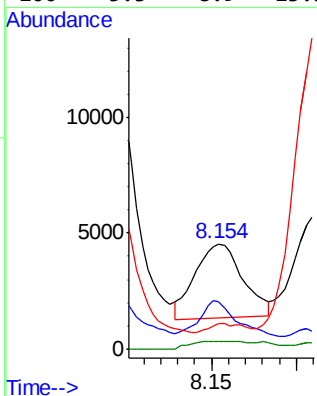
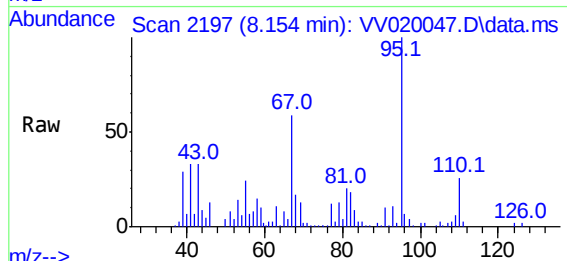




#48
2-Hexanone
Concen: 2.28 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

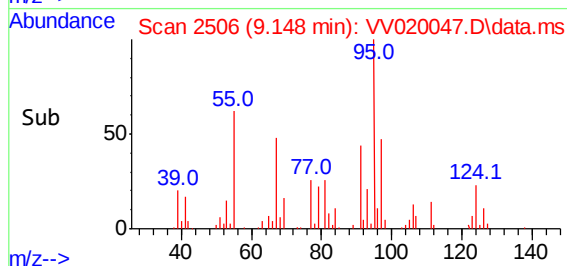
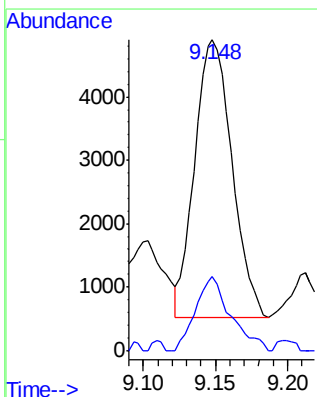
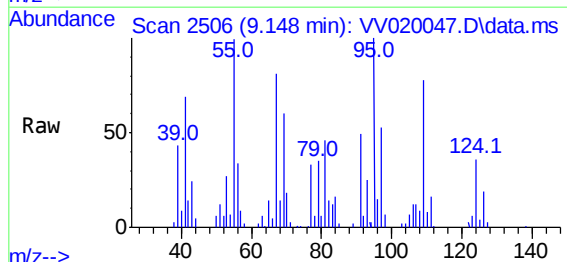
Instrument :
MSVOA_V
ClientSampleID :
BG4Z6

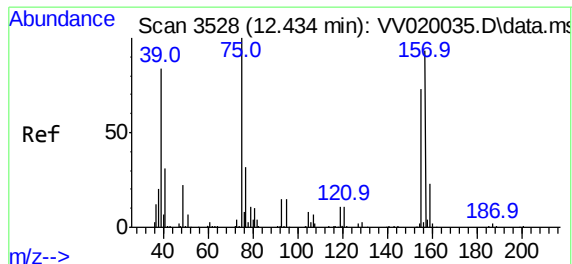
Tgt Ion: 43 Resp: 6319
Ion Ratio Lower Upper
43 100
58 52.7 41.8 62.6
57 5.2 15.0 22.4#
100 5.3 8.9 13.3#



#52
Ethylbenzene
Concen: 0.73 ug/L
RT: 9.148 min Scan# 2506
Delta R.T. 0.132 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 91 Resp: 7867
Ion Ratio Lower Upper
91 100
106 23.6 21.0 39.0

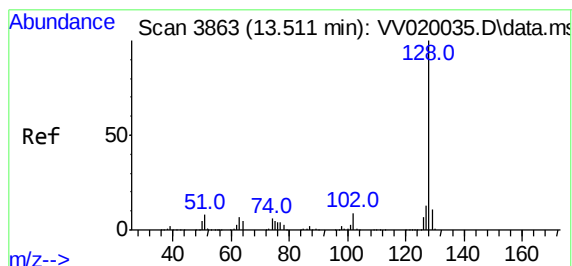
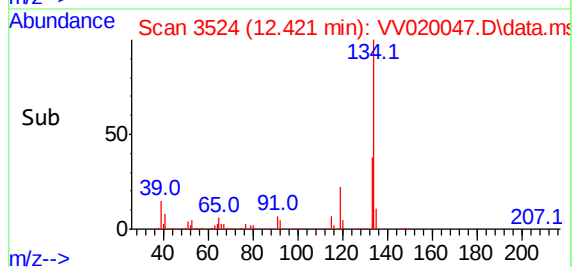
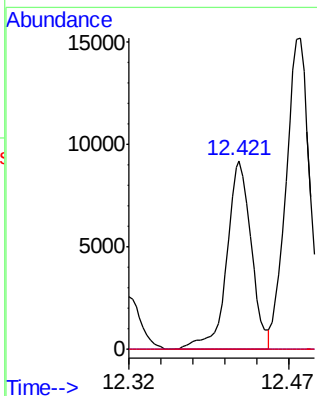
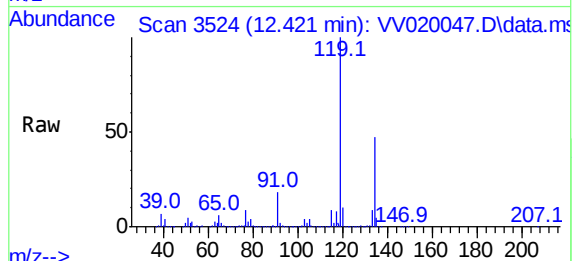




#66
1,2-Dibromo-3-chloropropane
Concen: 16.80 ug/L
RT: 12.421 min Scan# 3524
Delta R.T. -0.013 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Instrument :
MSVOA_V
ClientSampled :
BG4Z6

Tgt Ion: 75 Resp: 14000
Ion Ratio Lower Upper
75 100
155 0.0 59.1 88.7#
157 0.0 75.4 113.0#



#69
Naphthalene
Concen: 1.07 ug/L
RT: 13.495 min Scan# 3858
Delta R.T. -0.016 min
Lab File: VV020047.D
Acq: 18 Jan 2021 16:41

Tgt Ion: 128 Resp: 9778
Ion Ratio Lower Upper
128 100
127 31.6 10.3 15.5#
129 88.3 8.6 13.0#

