

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021346.D
 Acq On : 12 Dec 2021 03:09
 Operator : SY/VA
 Sample : M5062-19
 Misc : 6.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL20

Quant Time: Dec 13 03:23:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

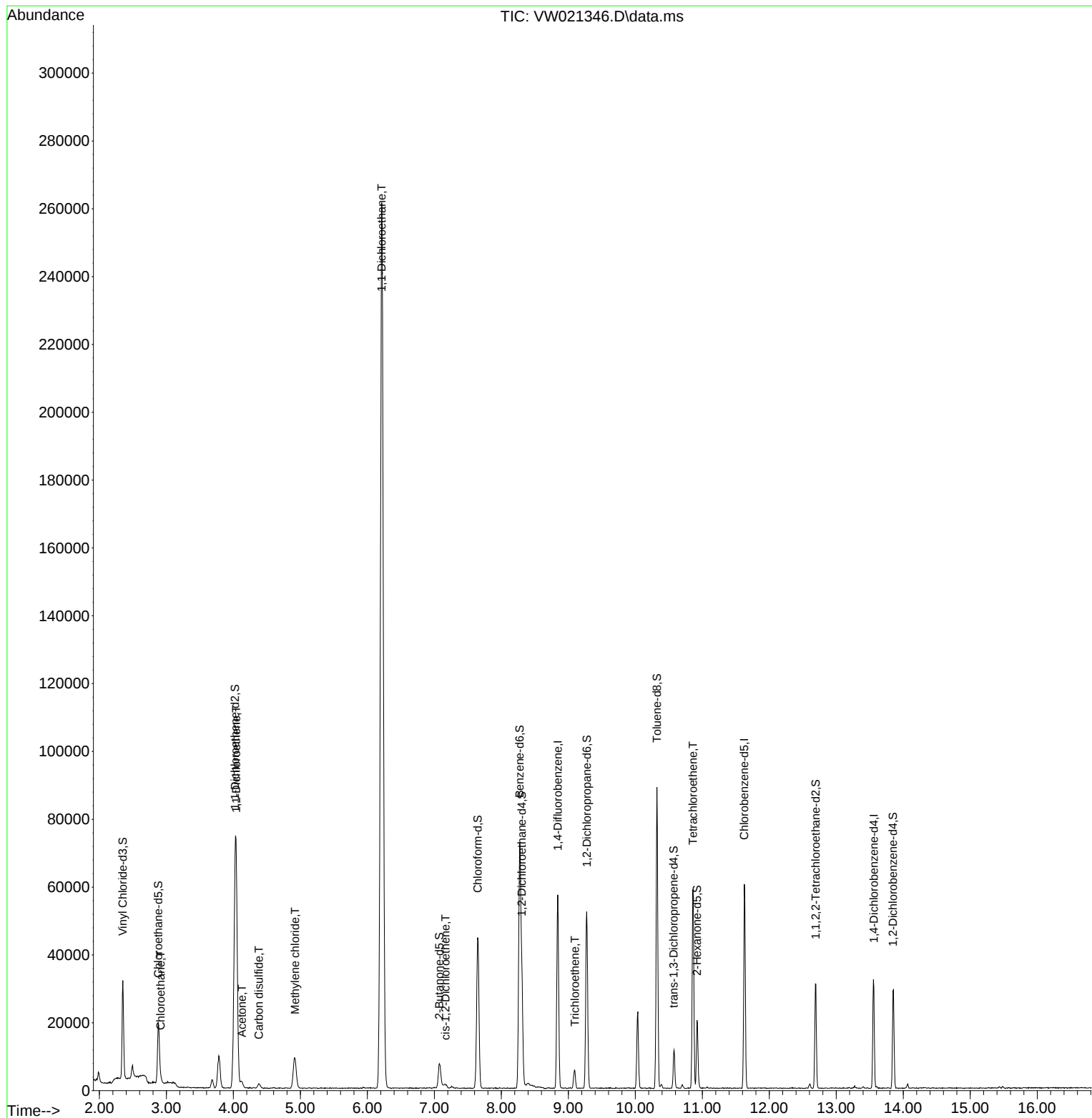
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	47750	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	34340	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	8915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26160	30.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.320%	
7) Chloroethane-d5	2.879	69	20425	35.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.120%	
11) 1,1-Dichloroethene-d2	4.026	63	40894	35.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 141.080%#	
21) 2-Butanone-d5	7.074	46	12720	103.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 207.520%#	
24) Chloroform-d	7.647	84	44391	33.359	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 133.440%	
26) 1,2-Dichloroethane-d4	8.305	65	23391	33.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 132.200%#	
32) Benzene-d6	8.275	84	73735	39.173	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 156.680%#	
36) 1,2-Dichloropropane-d6	9.275	67	22620	44.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 179.240%#	
41) Toluene-d8	10.323	98	57246	29.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 119.080%	
43) trans-1,3-Dichloroprop...	10.573	79	5886	25.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.280%	
47) 2-Hexanone-d5	10.921	63	6889	92.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 184.580%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	14279	32.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 131.600%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	7931	22.955	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.800%	
Target Compounds						
8) Chloroethane	2.916	64	1425	3.226	ug/L	98
12) 1,1-Dichloroethene	4.044	96	35202	59.475	ug/L	# 66
13) Acetone	4.129	43	3476	31.630	ug/L	79
14) Carbon disulfide	4.379	76	2549	1.668	ug/L	100
16) Methylene chloride	4.922	84	7414	9.397	ug/L	80
19) 1,1-Dichloroethane	6.214	63	353047	351.067	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	471	0.697	ug/L	73
34) Trichloroethene	9.098	95	1809	3.445	ug/L	91
46) Tetrachloroethene	10.860	164	13851	27.766	ug/L	92

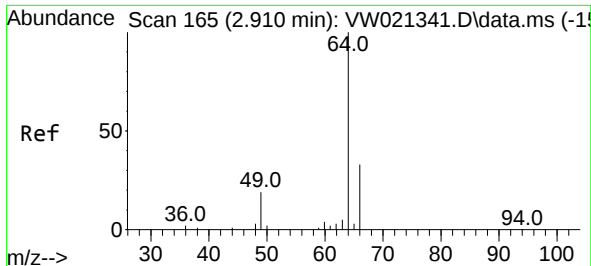
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

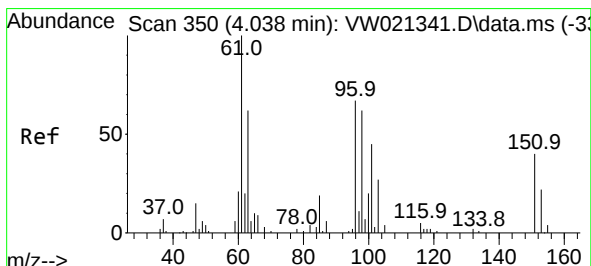
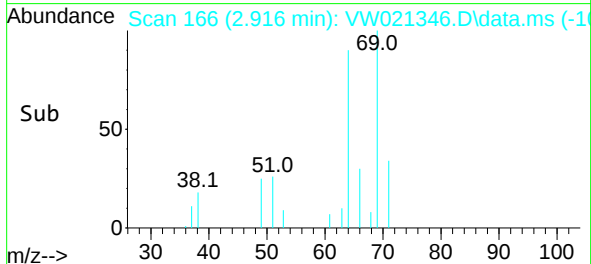
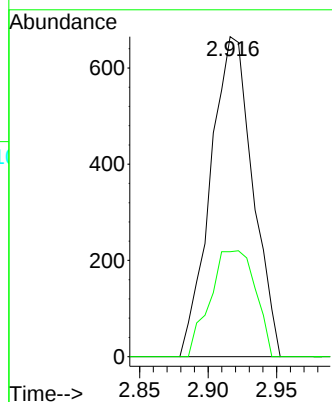
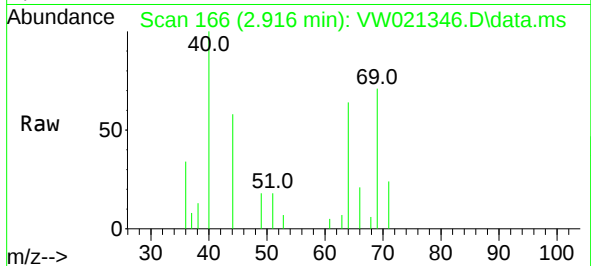




#8
Chloroethane
Concen: 3.226 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021346.D
Acq: 12 Dec 2021 03:09

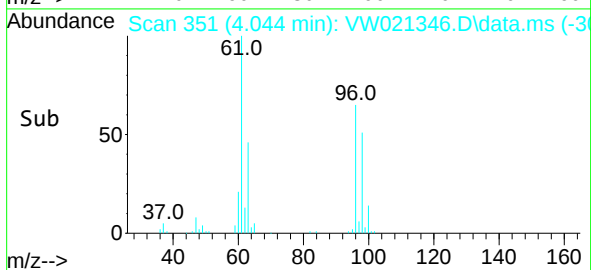
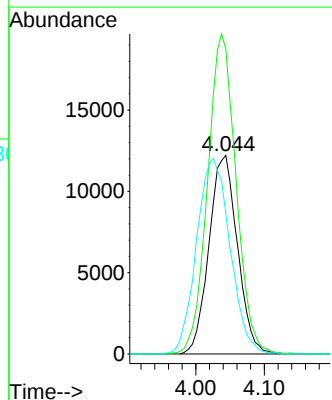
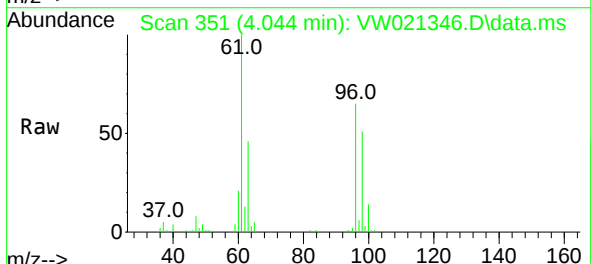
Instrument :
MSVOA_W
ClientSampleId :
BGL20

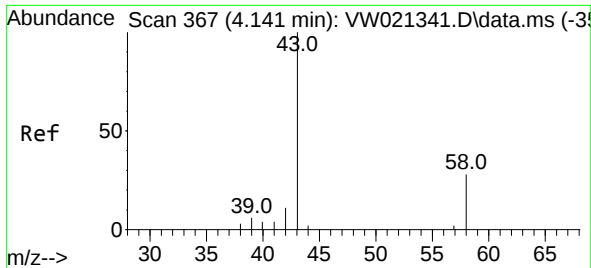
Tgt Ion: 64 Resp: 1425
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#12
1,1-Dichloroethene
Concen: 59.475 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW021346.D
Acq: 12 Dec 2021 03:09

Tgt Ion: 96 Resp: 35202
Ion Ratio Lower Upper
96 100
61 153.6 138.3 256.9
63 70.7 82.6 153.4#





#13

Acetone

Concen: 31.630 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021346.D

Acq: 12 Dec 2021 03:09

Instrument :

MSVOA_W

ClientSampleId :

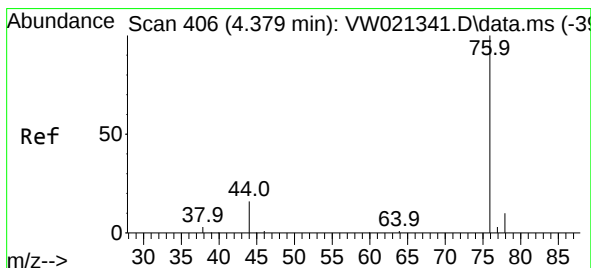
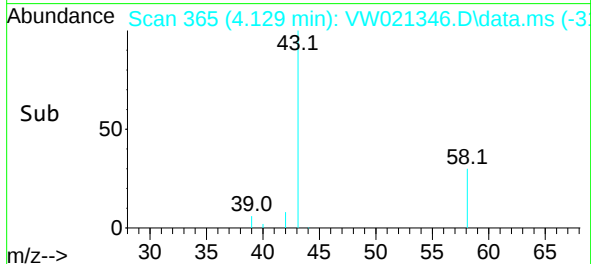
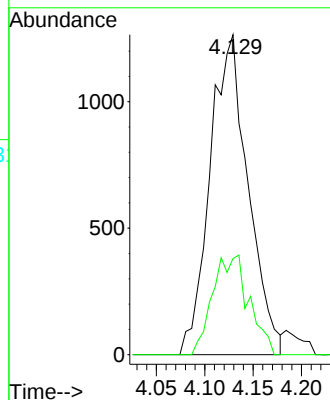
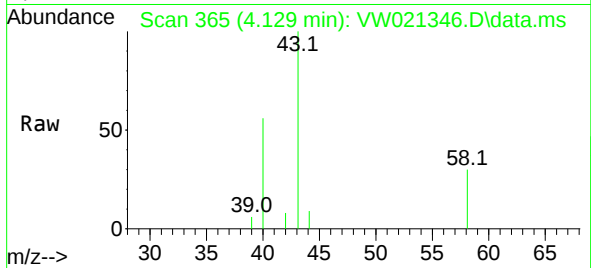
BGL20

Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

43 100

58 15.6 0.0 52.8



#14

Carbon disulfide

Concen: 1.668 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021346.D

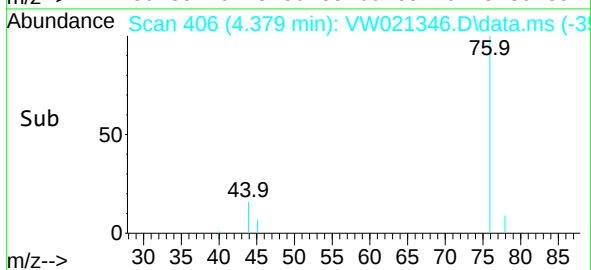
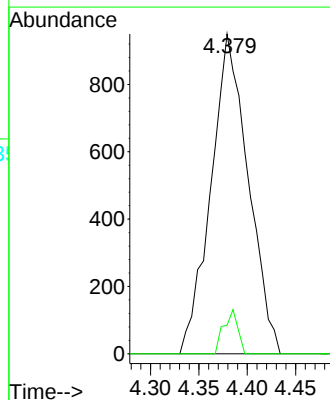
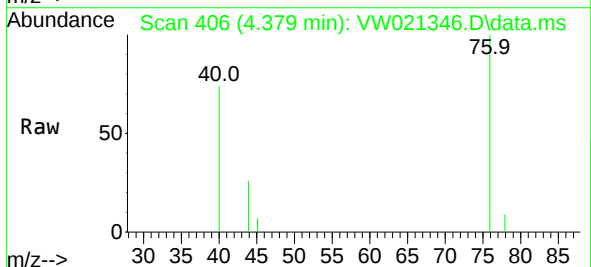
Acq: 12 Dec 2021 03:09

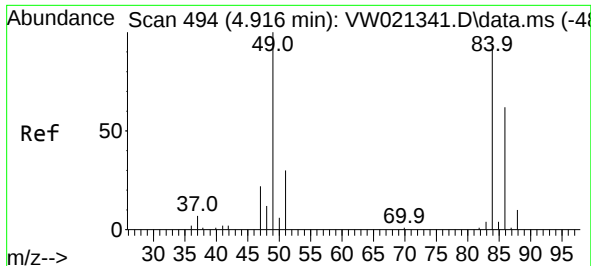
Tgt Ion: 76 Resp: 2549

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

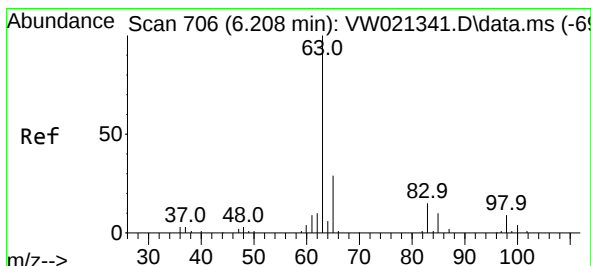
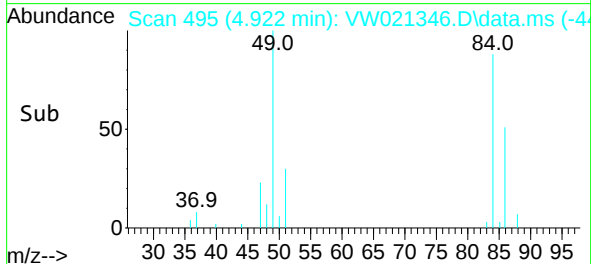
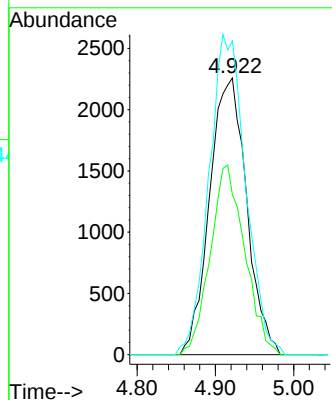
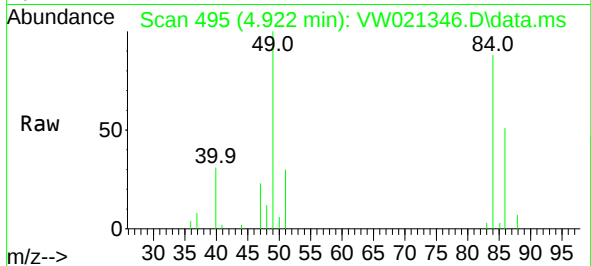




#16
Methylene chloride
Concen: 9.397 ug/L
RT: 4.922 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021346.D
Acq: 12 Dec 2021 03:09

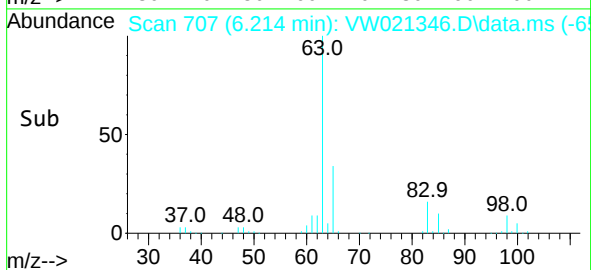
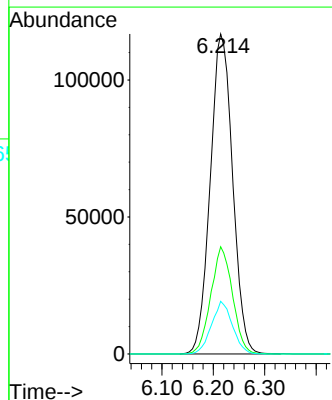
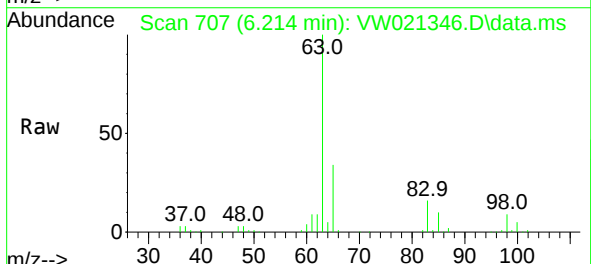
Instrument :
MSVOA_W
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BGL20

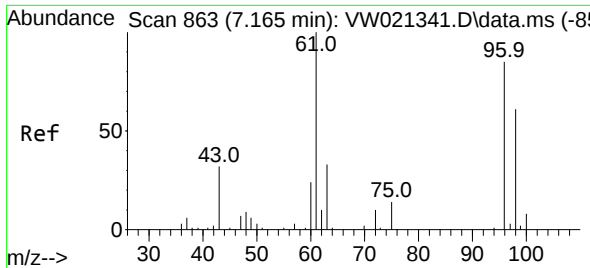
Tgt Ion: 84 Resp: 7414
Ion Ratio Lower Upper
84 100
86 57.9 45.5 84.5
49 113.4 100.5 186.7



#19
1,1-Dichloroethane
Concen: 351.067 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021346.D
Acq: 12 Dec 2021 03:09

Tgt Ion: 63 Resp: 353047
Ion Ratio Lower Upper
63 100
65 33.5 22.1 41.1
83 16.4 9.2 17.2

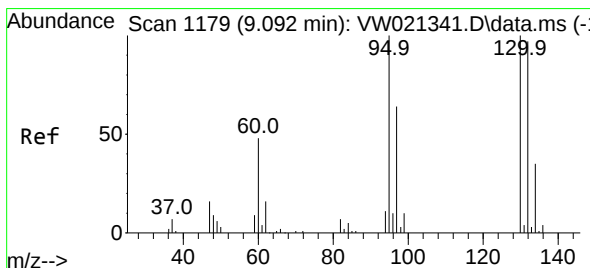
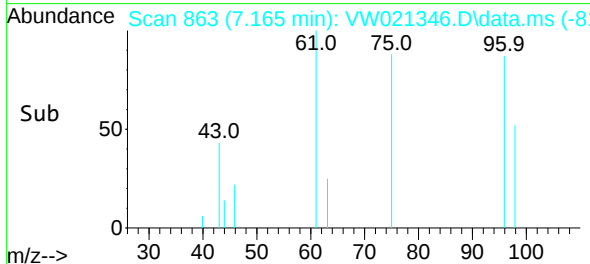
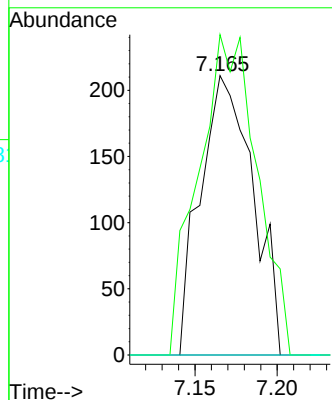
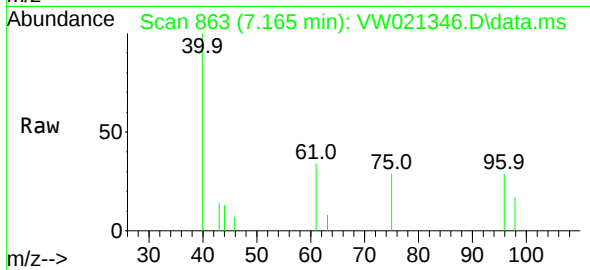




#20
 cis-1,2-Dichloroethene
 Concen: 0.697 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021346.D
 Acq: 12 Dec 2021 03:09

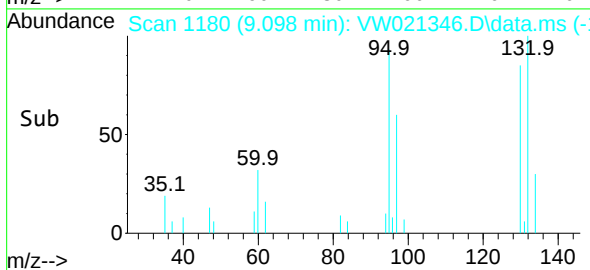
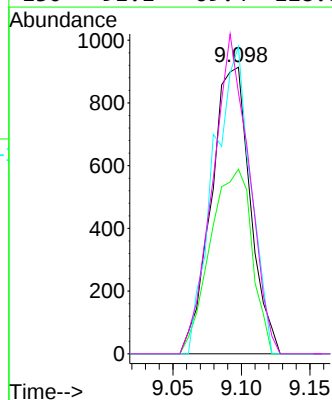
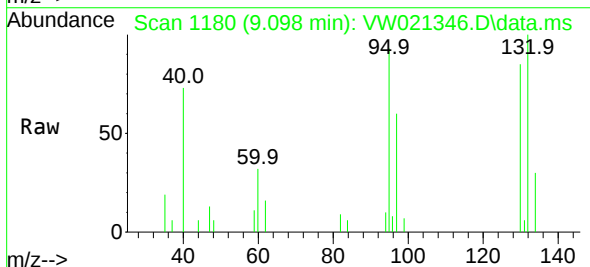
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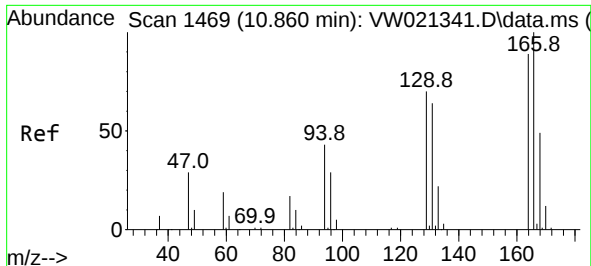
Tgt Ion: 96 Resp: 471
 Ion Ratio Lower Upper
 96 100
 61 114.7 103.7 192.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.445 ug/L
 RT: 9.098 min Scan# 1180
 Delta R.T. 0.006 min
 Lab File: VW021346.D
 Acq: 12 Dec 2021 03:09

Tgt Ion: 95 Resp: 1809
 Ion Ratio Lower Upper
 95 100
 97 64.4 47.0 87.2
 132 107.2 65.5 121.6
 130 91.1 69.4 128.8





#46

Tetrachloroethene

Concen: 27.766 ug/L

RT: 10.860 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021346.D

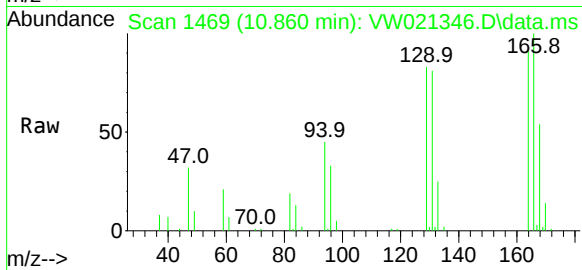
Acq: 12 Dec 2021 03:09

Instrument :

MSVOA_W

ClientSampleId :

BGL20



Tgt Ion:164 Resp: 13851

Ion Ratio Lower Upper

164 100

129 90.7 65.5 121.7

131 88.8 59.7 110.9

166 109.4 88.7 164.7

