

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021842.D
 Acq On : 11 Jan 2022 19:20
 Operator : SY/VA
 Sample : N1084-03
 Misc : 6.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLM6

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	141328	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104849	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	33000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40542	15.434	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.720%		
7) Chloroethane-d5	2.885	69	30971	13.057	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.240%		
11) 1,1-Dichloroethene-d2	4.037	63	368110	88.764	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	355.040%#		
21) 2-Butanone-d5	7.086	46	19544	52.713	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.420%		
24) Chloroform-d	7.653	84	86122	18.863	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.440%		
26) 1,2-Dichloroethane-d4	8.305	65	42521	19.286	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.160%		
32) Benzene-d6	8.274	84	162041	23.818	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.280%		
36) 1,2-Dichloropropane-d6	9.274	67	44260	24.682	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.720%		
41) Toluene-d8	10.323	98	142674	20.803	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.200%		
43) trans-1,3-Dichloroprop...	10.579	79	14821	19.467	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.880%		
47) 2-Hexanone-d5	10.926	63	14053	57.755	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.500%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28300	20.182	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	25349	18.681	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.720%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	8509	2.932	ug/L #	60
8) Chloroethane	2.922	64	15850	9.038	ug/L	100
12) 1,1-Dichloroethene	4.044	96	652843m	309.476	ug/L	
13) Acetone	4.129	43	22191	72.445	ug/L	86
19) 1,1-Dichloroethane	6.220	63	7830627	2342.460	ug/L	94
20) cis-1,2-Dichloroethene	7.177	96	8214	3.503	ug/L #	58
27) 1,2-Dichloroethane	8.402	62	18460	8.059	ug/L #	90
34) Trichloroethene	9.091	95	13691	7.340	ug/L	87
46) Tetrachloroethene	10.859	164	2264	1.227	ug/L	90

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

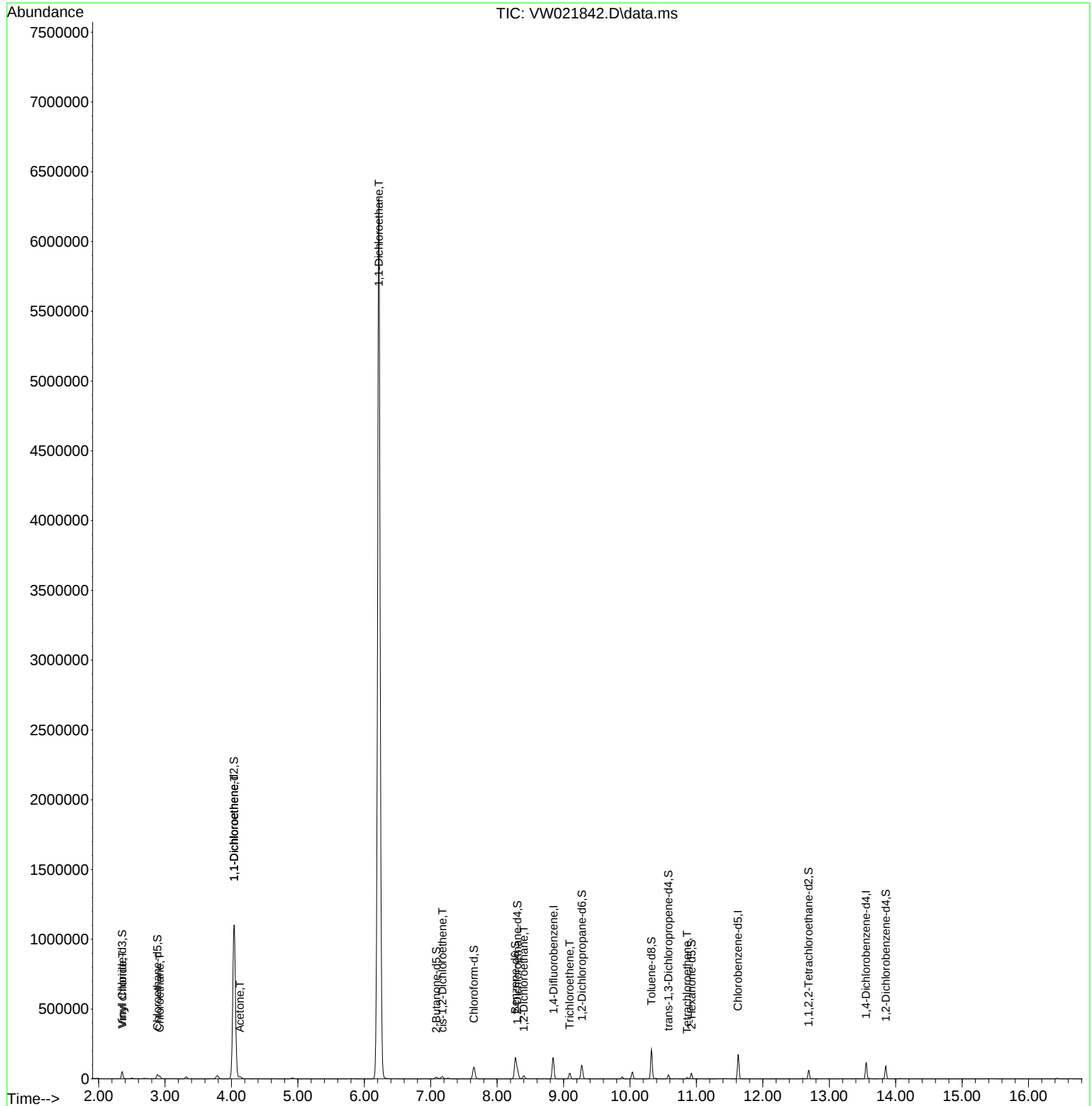
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021842.D
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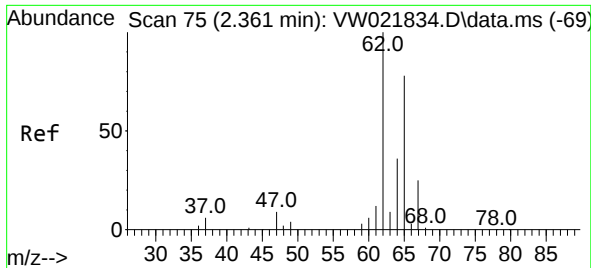
Instrument :
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ClientSampleId :
BGLM6

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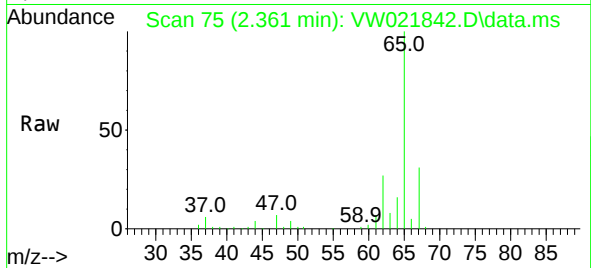
Quant Time: Jan 12 00:51:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 2.932 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021842.D
 Acq: 11 Jan 2022 19:20

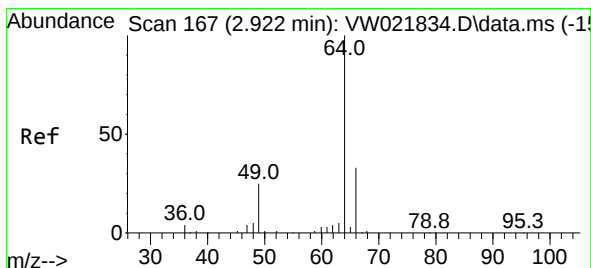
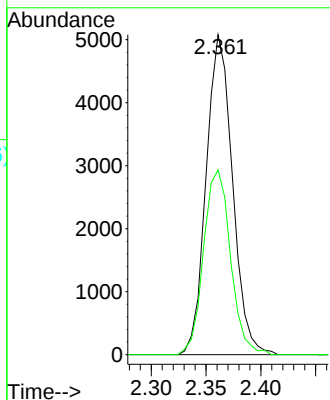
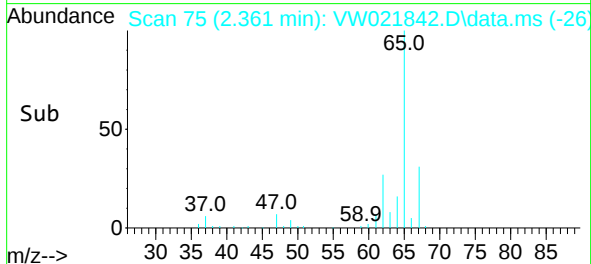
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLM6



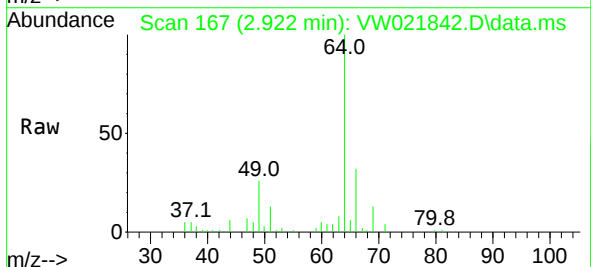
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 Ion Ratio Lower Upper
 62 100
 64 57.7 24.4 45.2

Manual Integrations
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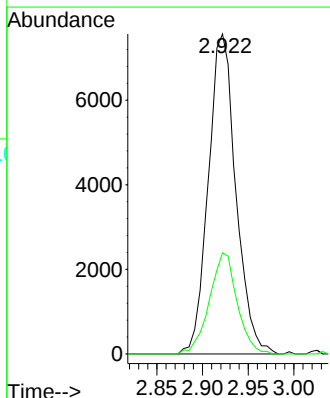
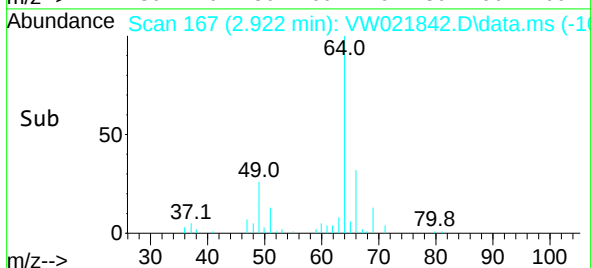
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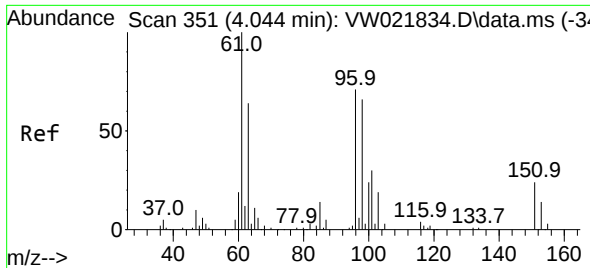


#8
 Chloroethane
 Concen: 9.038 ug/L
 RT: 2.922 min Scan# 167
 Delta R.T. -0.000 min
 Lab File: VW021842.D
 Acq: 11 Jan 2022 19:20



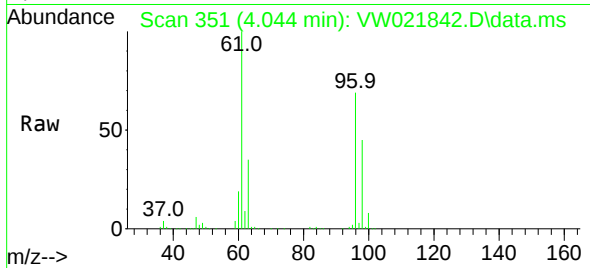
Tgt Ion: 64 Resp: 15850
 Ion Ratio Lower Upper
 64 100
 66 31.6 22.0 40.8





#12
1,1-Dichloroethene
Concen: 309.476 ug/L m
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW021842.D
Acq: 11 Jan 2022 19:20

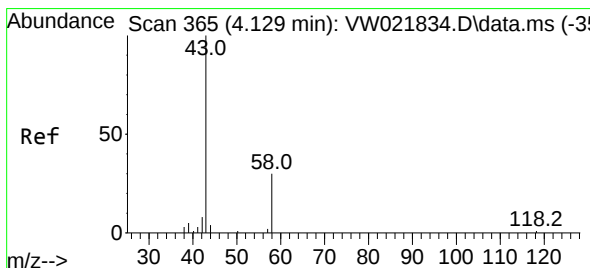
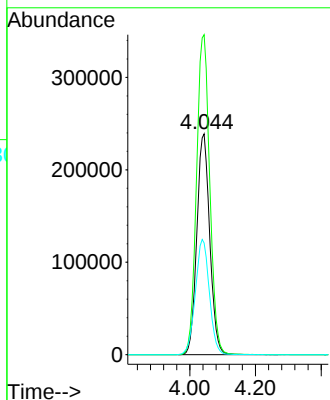
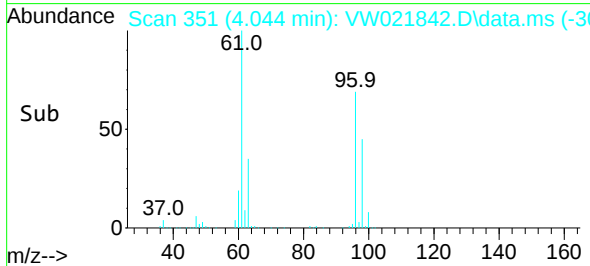
Instrument :
MSVOA_W
ClientSampleId :
BGLM6



Tgt Ion: 96 Resp: 65284
Ion Ratio Lower Upper
96 100
61 144.9 138.3 256.9
63 50.6 82.6 153.4

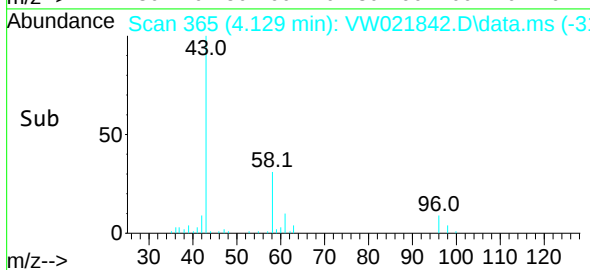
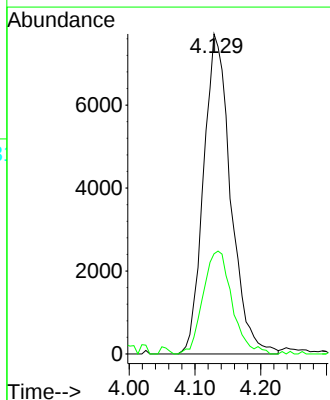
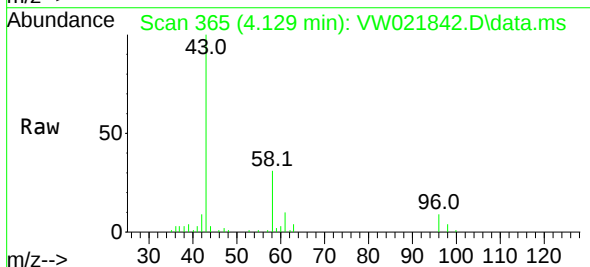
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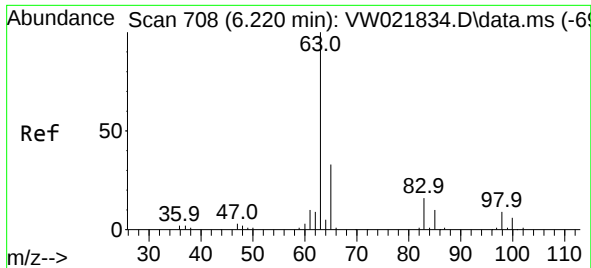
Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#13
Acetone
Concen: 72.445 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW021842.D
Acq: 11 Jan 2022 19:20

Tgt Ion: 43 Resp: 22191
Ion Ratio Lower Upper
43 100
58 33.5 0.0 52.8





#19

1,1-Dichloroethane

Concen: 2342.460 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021842.D

Acq: 11 Jan 2022 19:20

Instrument :

MSVOA_W

ClientSampleId :

BGLM6

Tgt Ion: 63 Resp: 783062

Ion Ratio Lower Upper

63 100

65 34.3 22.1 41.1

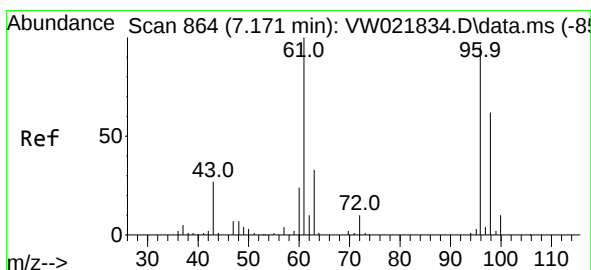
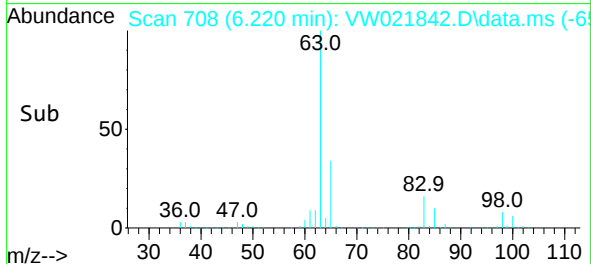
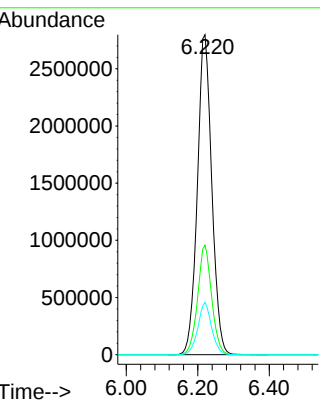
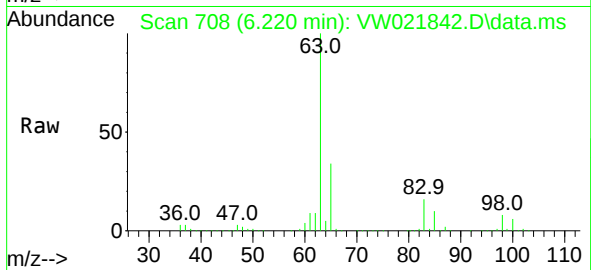
83 16.3 9.2 17.2

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 3.503 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW021842.D

Acq: 11 Jan 2022 19:20

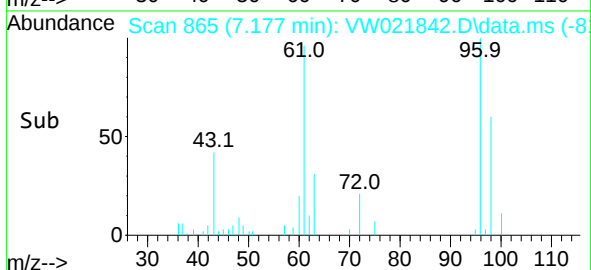
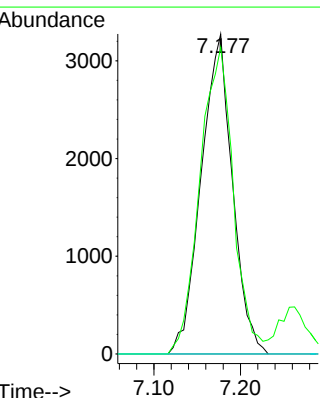
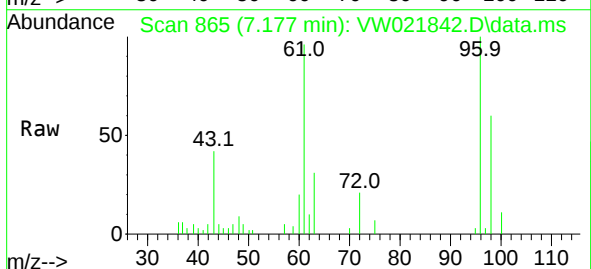
Tgt Ion: 96 Resp: 8214

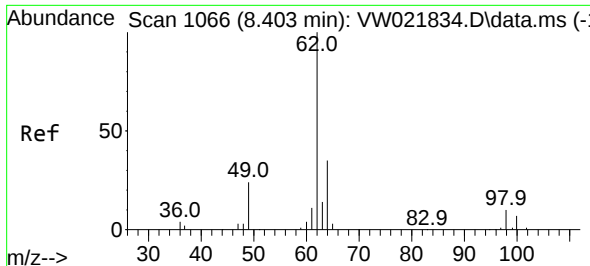
Ion Ratio Lower Upper

96 100

61 95.8 103.7 192.7#

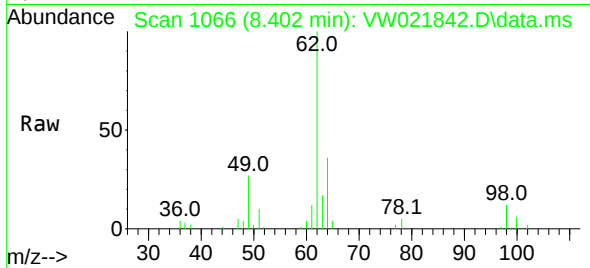
68 0.0 0.0 0.0





#27
1,2-Dichloroethane
Concen: 8.059 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021842.D
Acq: 11 Jan 2022 19:20

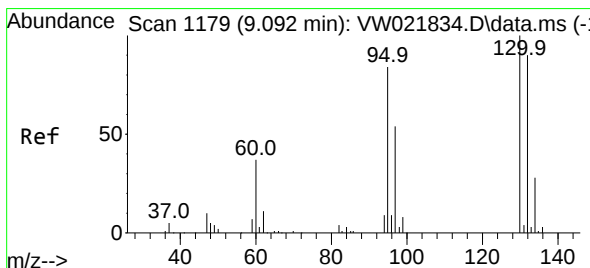
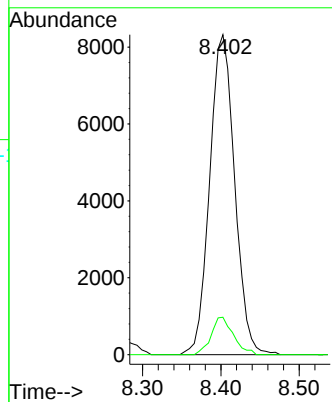
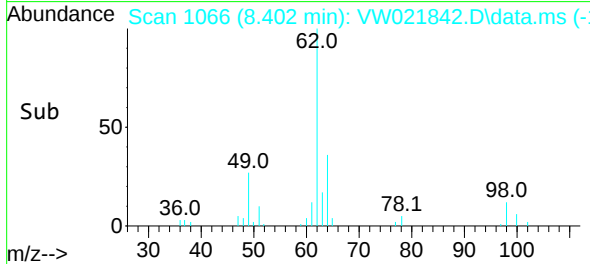
Instrument :
MSVOA_W
ClientSampleId :
BGLM6



Tgt Ion: 62 Resp: 18460
Ion Ratio Lower Upper
62 100
98 11.7 6.5 9.7

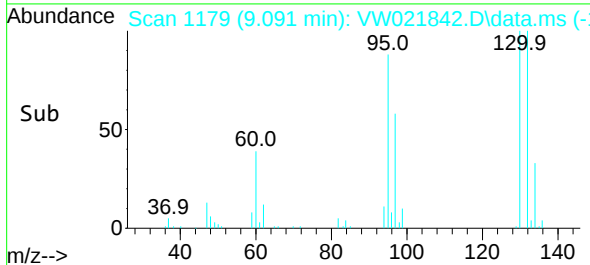
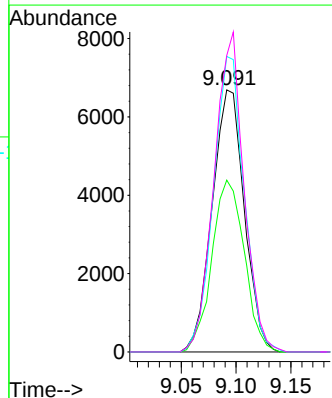
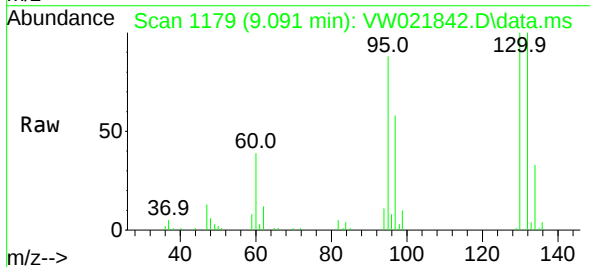
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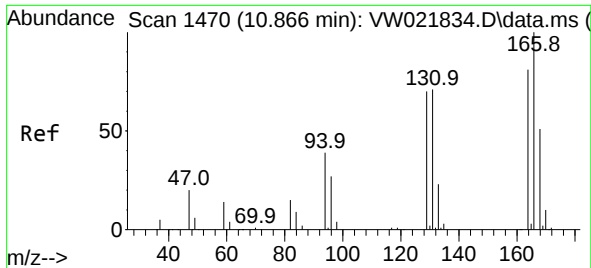
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#34
Trichloroethene
Concen: 7.340 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021842.D
Acq: 11 Jan 2022 19:20

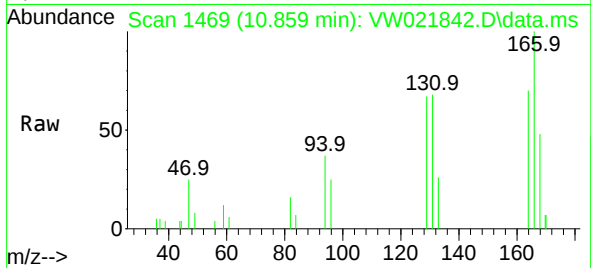
Tgt Ion: 95 Resp: 13691
Ion Ratio Lower Upper
95 100
97 65.6 47.0 87.2
132 112.7 65.5 121.6
130 113.1 69.4 128.8





#46
 Tetrachloroethene
 Concen: 1.227 ug/L
 RT: 10.859 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VW021842.D
 Acq: 11 Jan 2022 19:20

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLM6



Tgt Ion:164 Resp: 2264

Ion	Ratio	Lower	Upper
164	100		
129	95.6	65.5	121.7
131	97.0	59.7	110.9
166	143.4	88.7	164.7

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