

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022061.D
 Acq On : 03 Feb 2022 04:37
 Operator : SY/VA
 Sample : N1364-09
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGM14

Quant Time: Feb 03 06:14:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

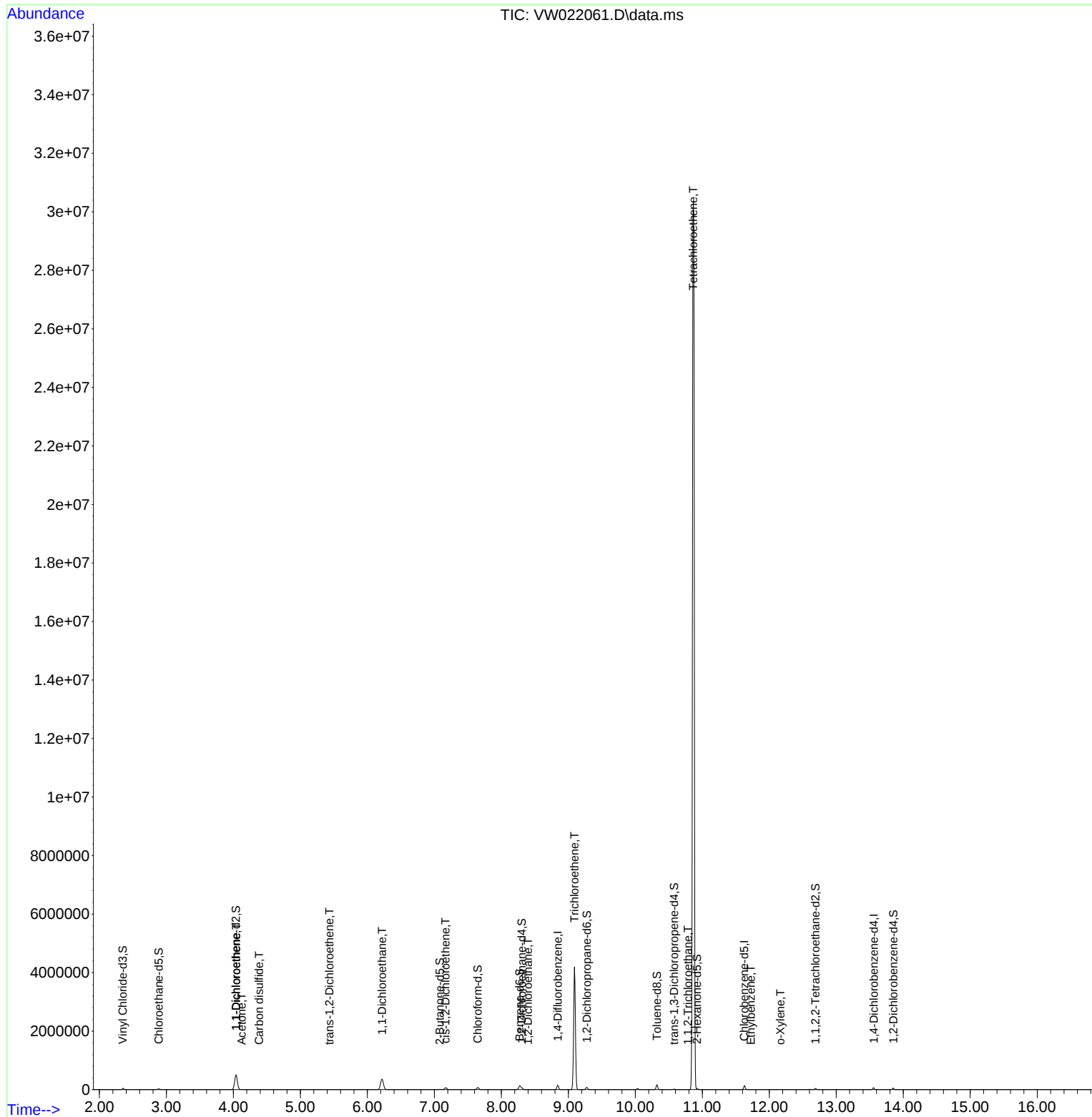
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	80128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	17848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41964	26.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.120%	
7) Chloroethane-d5	2.885	69	30199	24.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.200%	
11) 1,1-Dichloroethene-d2	4.038	63	188734	67.541	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 270.160%#	
21) 2-Butanone-d5	7.080	46	13929	49.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.300%	
24) Chloroform-d	7.647	84	73684	24.120	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 96.480%	
26) 1,2-Dichloroethane-d4	8.305	65	35333	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.000%	
32) Benzene-d6	8.275	84	141139	34.856	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 139.440%#	
36) 1,2-Dichloropropane-d6	9.275	67	36527	33.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 132.640%#	
41) Toluene-d8	10.323	98	115125	28.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.760%	
43) trans-1,3-Dichloroprop...	10.579	79	10688	22.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 88.640%	
47) 2-Hexanone-d5	10.921	63	8773	54.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.580%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	19898	22.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 88.600%	
66) 1,2-Dichlorobenzene-d4	13.853	152	14136	21.955	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 87.840%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.044	96	283487	193.779	ug/L #	72
13) Acetone	4.123	43	3602	13.748	ug/L	58
14) Carbon disulfide	4.385	76	9861	2.311	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	1932	1.184	ug/L #	70
19) 1,1-Dichloroethane	6.220	63	510751	202.074	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	41592	24.845	ug/L	97
27) 1,2-Dichloroethane	8.397	62	4150	2.464	ug/L #	94
34) Trichloroethene	9.092	95	1285886	1076.543	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	523	0.667	ug/L	90
46) Tetrachloroethene	10.866	164	8150323	7320.403	ug/L	94
52) Ethylbenzene	11.725	91	2555	0.486	ug/L	88
54) o-Xylene	12.164	106	1684	0.826	ug/L	93

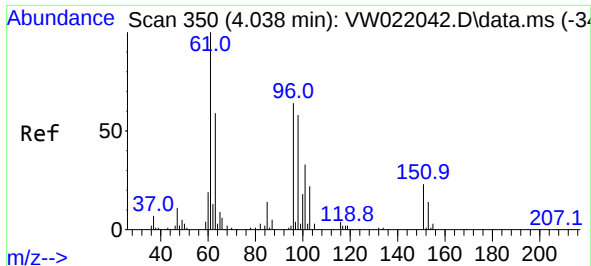
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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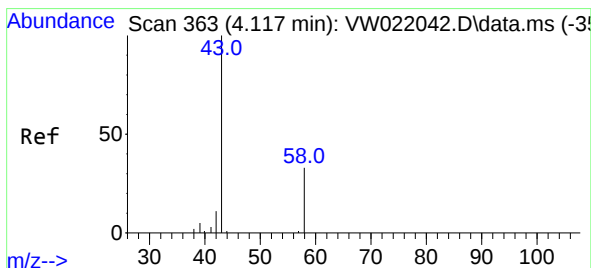
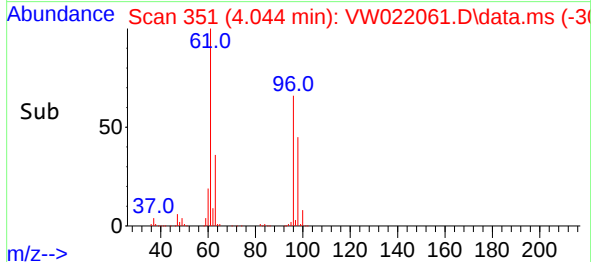
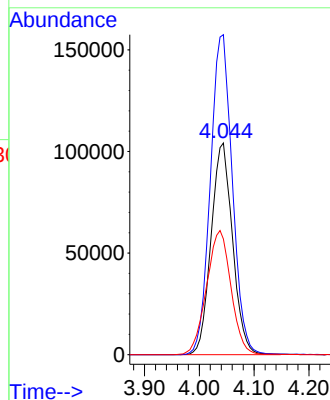
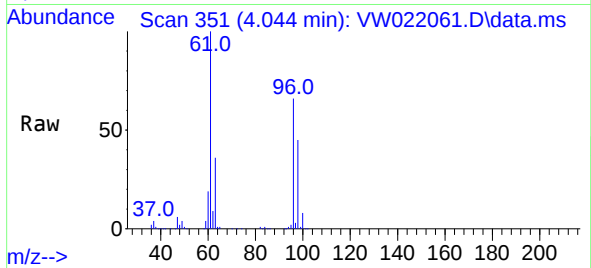




#12
1,1-Dichloroethene
Concen: 193.779 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

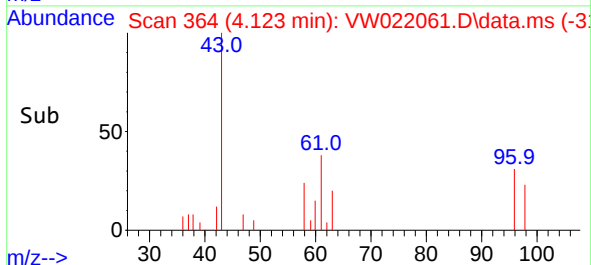
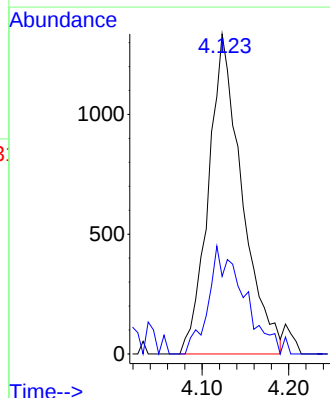
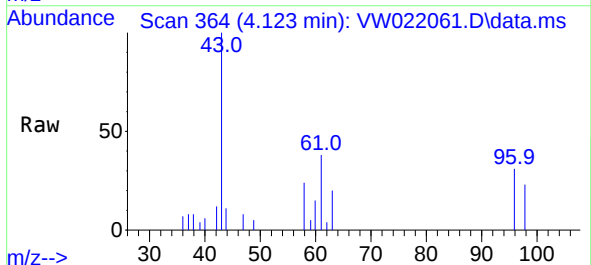
Instrument :
MSVOA_W
ClientSampleId :
BGM14

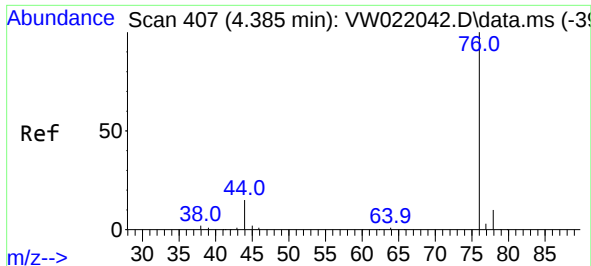
Tgt Ion: 96 Resp: 283487
Ion Ratio Lower Upper
96 100
61 151.2 111.5 207.1
63 54.7 83.1 154.3#



#13
Acetone
Concen: 13.748 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

Tgt Ion: 43 Resp: 3602
Ion Ratio Lower Upper
43 100
58 9.2 0.0 66.0

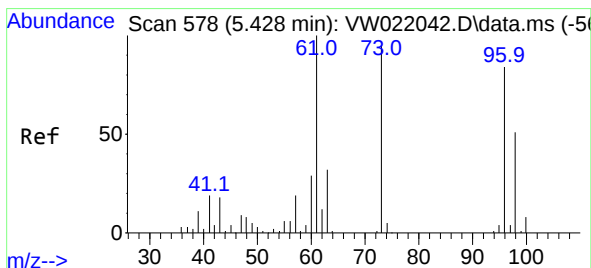
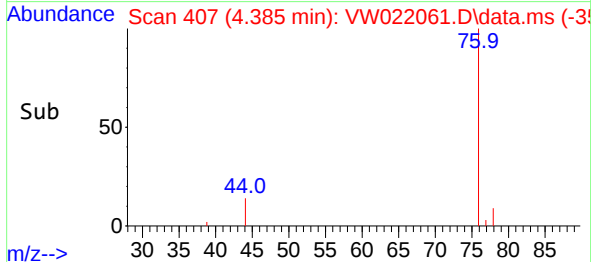
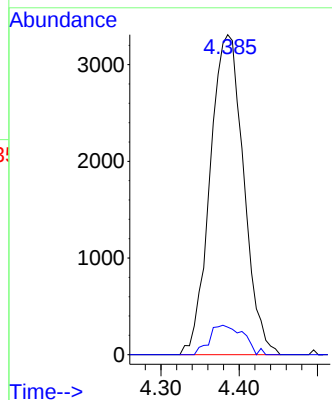
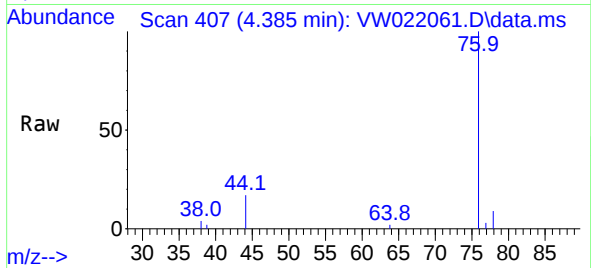




#14
Carbon disulfide
Concen: 2.311 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

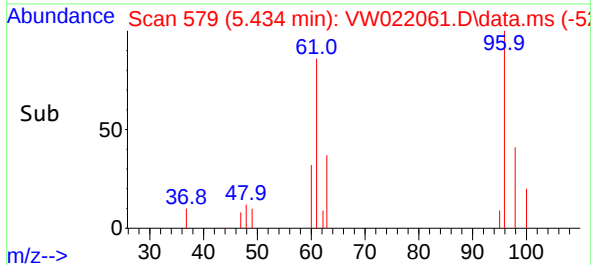
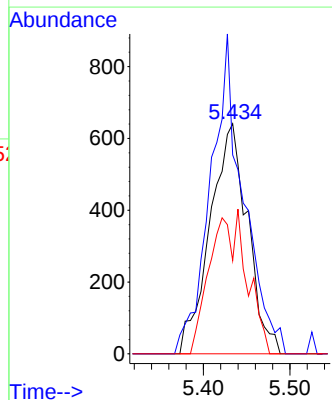
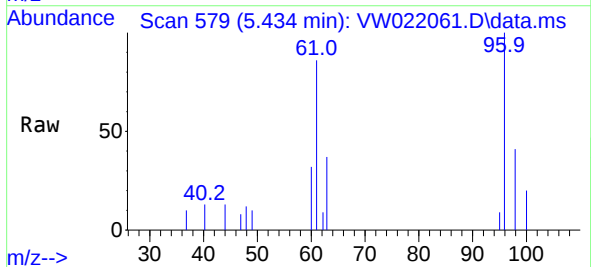
Instrument :
MSVOA_W
ClientSampleId :
BGM14

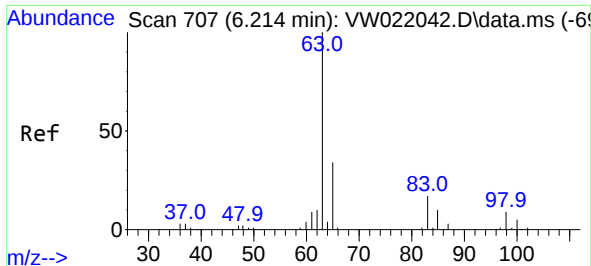
Tgt Ion: 76 Resp: 9861
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#17
trans-1,2-Dichloroethene
Concen: 1.184 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

Tgt Ion: 96 Resp: 1932
Ion Ratio Lower Upper
96 100
61 86.4 84.3 156.5
98 40.6 44.6 82.8#





#19

1,1-Dichloroethane

Concen: 202.074 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BGM14

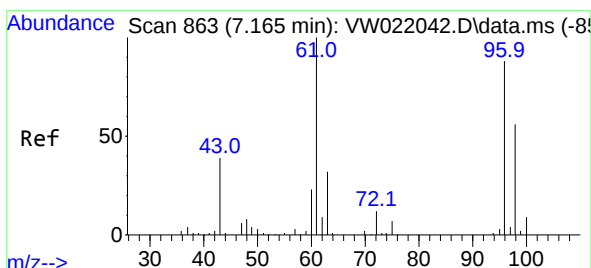
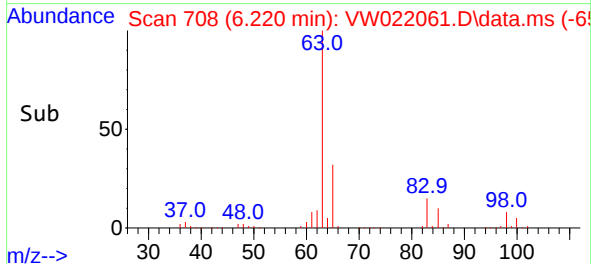
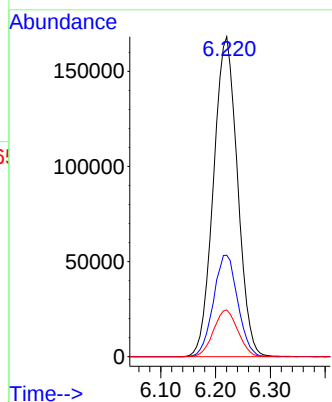
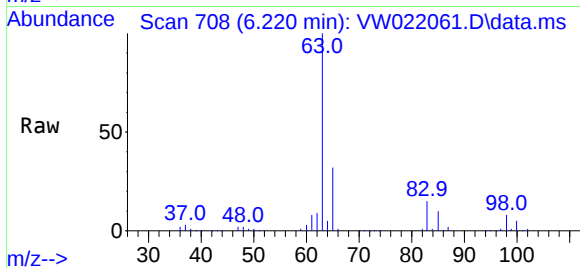
Tgt Ion: 63 Resp: 510751

Ion Ratio Lower Upper

63 100

65 31.7 20.9 38.7

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.845 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

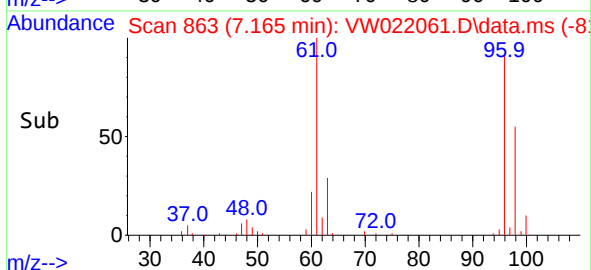
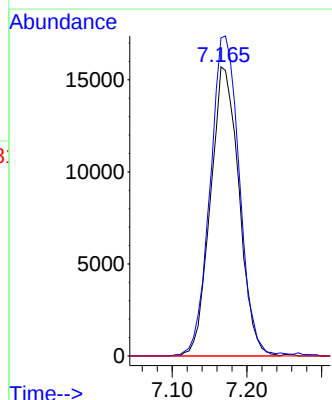
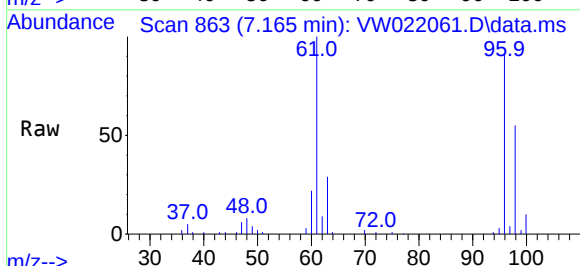
Tgt Ion: 96 Resp: 41592

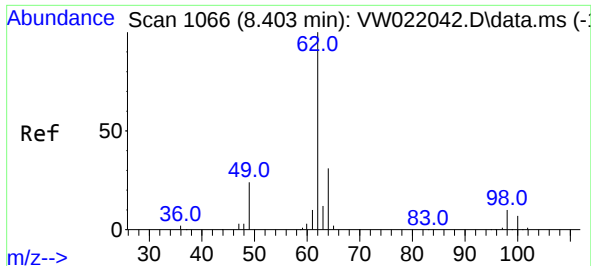
Ion Ratio Lower Upper

96 100

61 110.0 79.0 146.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 2.464 ug/L

RT: 8.397 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

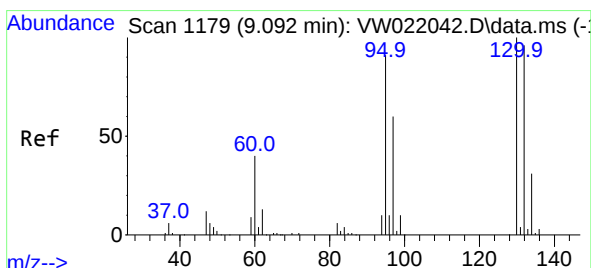
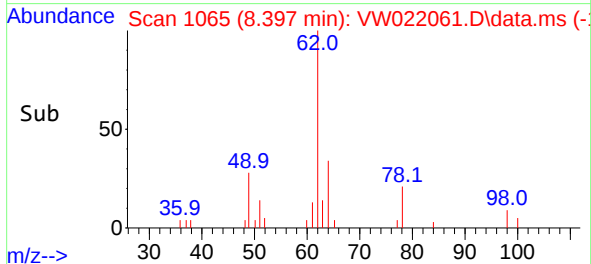
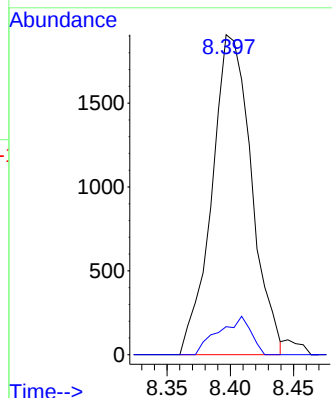
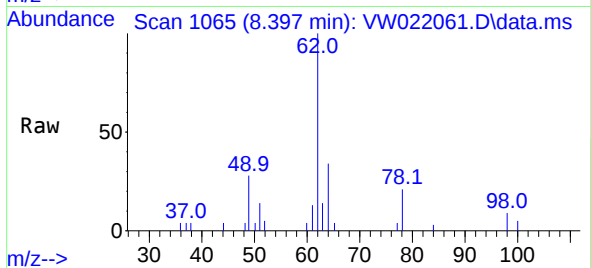
BGM14

Tgt Ion: 62 Resp: 4150

Ion Ratio Lower Upper

62 100

98 8.8 8.8 13.2#



#34

Trichloroethene

Concen: 1076.543 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

Tgt Ion: 95 Resp: 1285886

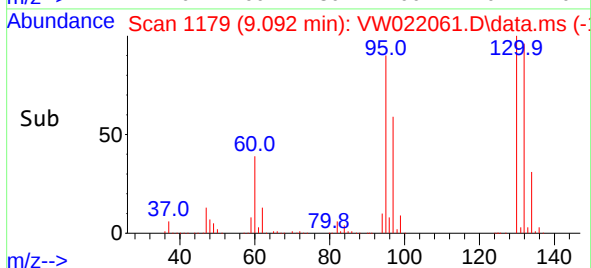
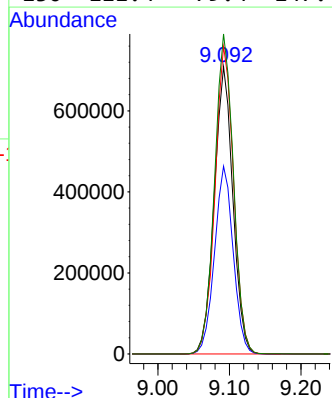
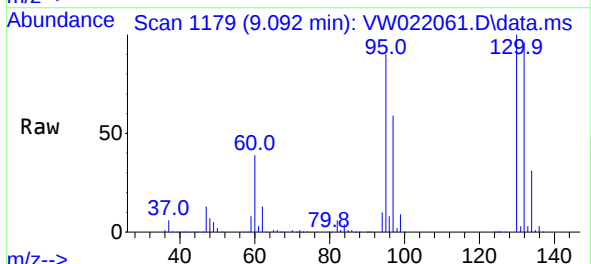
Ion Ratio Lower Upper

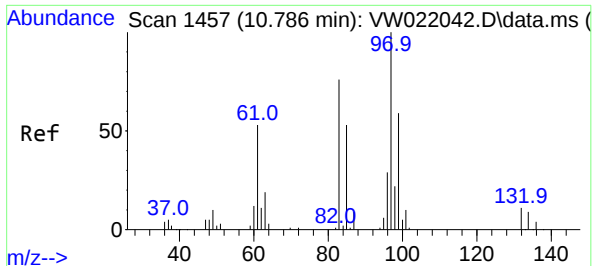
95 100

97 65.3 45.1 83.7

132 107.1 76.1 141.3

130 111.4 79.4 147.4





#45

1,1,2-Trichloroethane

Concen: 0.667 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BGM14

Tgt Ion: 97 Resp: 523

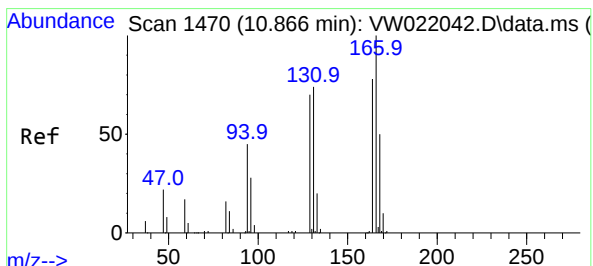
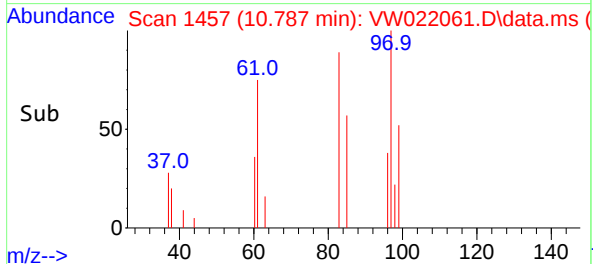
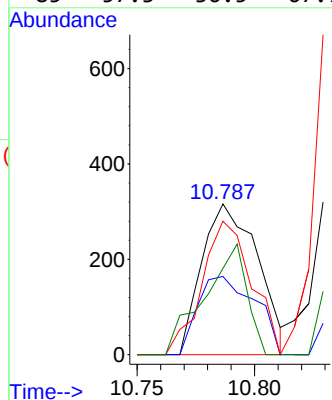
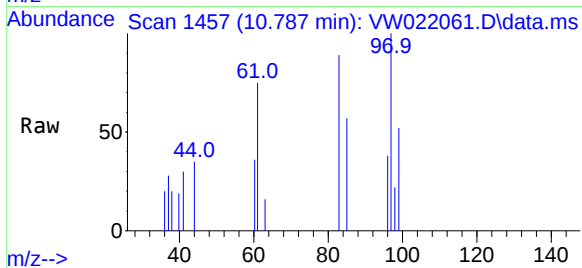
Ion Ratio Lower Upper

97 100

99 51.9 43.8 81.4

83 88.6 56.1 104.3

85 57.3 36.5 67.7



#46

Tetrachloroethene

Concen: 7320.403 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW022061.D

Acq: 03 Feb 2022 04:37

Tgt Ion:164 Resp: 8150323

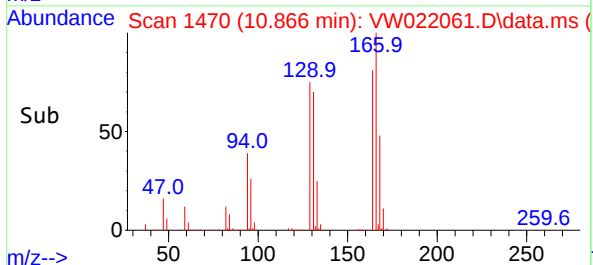
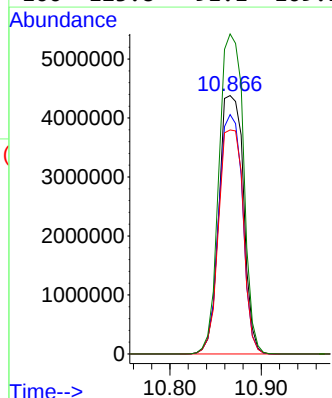
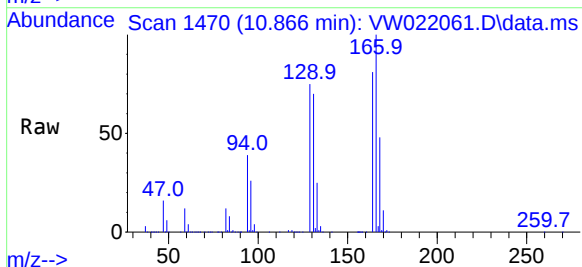
Ion Ratio Lower Upper

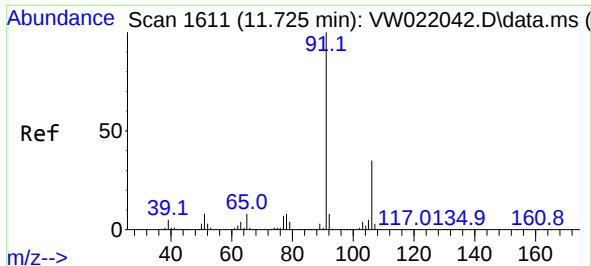
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129 92.6 62.6 116.2

131 86.7 67.1 124.7

166 123.8 91.1 169.1

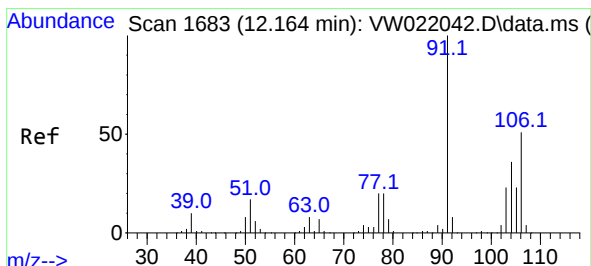
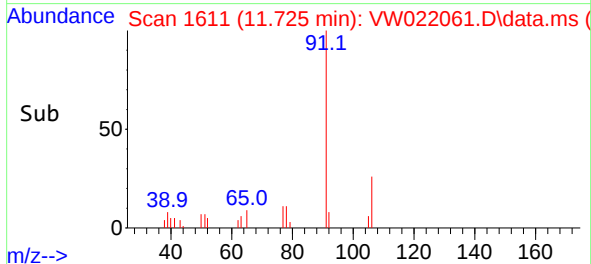
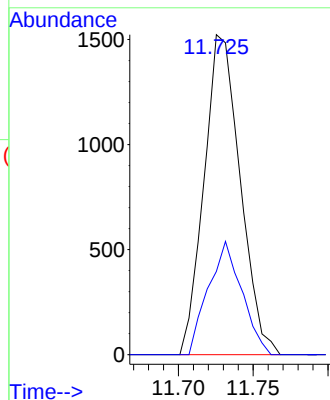
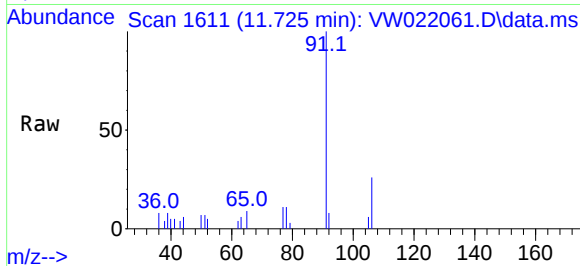




#52
Ethylbenzene
Concen: 0.486 ug/L
RT: 11.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

Instrument :
MSVOA_W
ClientSampleId :
BGM14

Tgt Ion: 91 Resp: 2555
Ion Ratio Lower Upper
91 100
106 26.0 22.8 42.4



#54
o-Xylene
Concen: 0.826 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022061.D
Acq: 03 Feb 2022 04:37

Tgt Ion: 106 Resp: 1684
Ion Ratio Lower Upper
106 100
91 185.1 136.4 253.4

