

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023313.D
 Acq On : 25 May 2022 11:59
 Operator : SY/VA
 Sample : VIBLK481
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK481

Quant Time: May 26 01:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	2476	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.640	117	1749	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	13.560	152	232	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	846	16.654	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
7) Chloroethane-d5	2.849	69	24	0.726	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	2.920%#
11) 1,1-Dichloroethene-d2	4.032	63	1273	19.394	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.560%
21) 2-Butanone-d5	7.043	46	47	4.866	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.740%#
24) Chloroform-d	7.653	84	2678	36.917	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	147.680%
26) 1,2-Dichloroethane-d4	8.324	65	827	20.786	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.160%
32) Benzene-d6	8.275	84	4201	41.672	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	166.680%#
36) 1,2-Dichloropropane-d6	9.281	67	1219	43.047	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.200%#
41) Toluene-d8	10.329	98	2926	30.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.200%
43) trans-1,3-Dichloroprop...	10.591	79	157	12.041	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	48.160%
47) 2-Hexanone-d5	10.975	63	43	7.954	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.900%#
56) 1,1,2,2-Tetrachloroeth...	12.719	84	46	1.743	ug/L	0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	=	6.960%#
66) 1,2-Dichlorobenzene-d4	13.853	152	138	17.016	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.080%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.983	85	43	3.186	ug/L	# 24
3) Chloromethane	2.386	50	285	10.927	ug/L	83
8) Chloroethane	2.928	64	69	2.733	ug/L	# 41
9) Trichlorofluoromethane	3.312	101	65	2.717	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	3.873	101	70	1.957	ug/L	# 52
12) 1,1-Dichloroethene	4.080	96	47	1.482	ug/L	# 21
13) Acetone	4.117	43	156	21.573	ug/L	99
15) Methyl Acetate	4.647	43	102	7.021	ug/L	# 47
18) Methyl tert-butyl Ether	5.434	73	116	2.129	ug/L	# 7
19) 1,1-Dichloroethane	6.190	63	48	0.794	ug/L	# 48
20) cis-1,2-Dichloroethene	7.196	96	43	1.122	ug/L	# 1
22) 2-Butanone	7.159	43	124	12.262	ug/L	# 44
23) Bromochloromethane	7.488	128	53	2.952	ug/L	# 1
25) Chloroform	7.671	83	84	1.256	ug/L	95
27) 1,2-Dichloroethane	8.348	62	86	1.929	ug/L	# 75
29) Cyclohexane	7.952	56	53	1.401	ug/L	# 11
30) 1,1,1-Trichloroethane	7.860	97	72	1.742	ug/L	# 34
33) Benzene	8.330	78	474	4.600	ug/L	100
34) Trichloroethene	9.079	95	44	1.553	ug/L	# 37

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 ALS Vial : 1 Sample Multiplier: 1

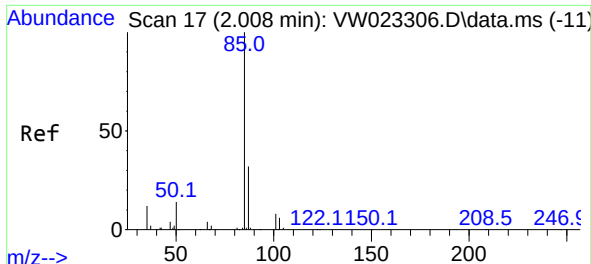
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK481

Quant Time: May 26 01:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

35) Methylcyclohexane	9.281	83	161	3.459	ug/L #	42
37) 1,2-Dichloropropane	9.360	63	68	2.727	ug/L #	85
38) Bromodichloromethane	9.646	83	64	1.807	ug/L #	95
39) cis-1,3-Dichloropropene	10.152	75	49	1.267	ug/L #	43
40) 4-Methyl-2-pentanone	10.195	43	71	4.518	ug/L #	89
42) Toluene	10.396	91	237	2.052	ug/L #	21
44) trans-1,3-Dichloropropene	10.652	75	63	1.826	ug/L #	43
48) 2-Hexanone	10.957	43	142	13.523	ug/L #	34
49) Dibromochloromethane	11.030	129	48	1.913	ug/L #	11
50) 1,2-Dibromoethane	11.244	107	56	2.676	ug/L #	70
51) Chlorobenzene	11.658	112	188	2.470	ug/L #	32
52) Ethylbenzene	11.731	91	133	1.035	ug/L #	43
53) m,p-Xylene	12.061	106	50	0.988	ug/L #	1
54) o-Xylene	12.061	106	50	1.029	ug/L #	1
55) Styrene	12.183	104	147	1.781	ug/L #	30
57) 1,1,2,2-Tetrachloroethane	12.743	83	45	1.728	ug/L #	24
60) Isopropylbenzene	12.487	105	154	4.845	ug/L #	84
61) 1,2,3-Trichloropropane	12.762	75	31	6.687	ug/L #	37
62) 1,3,5-Trimethylbenzene	13.274	105	94	5.316	ug/L	94
63) 1,2,4-Trimethylbenzene	13.274	105	94	3.540	ug/L	97
64) 1,3-Dichlorobenzene	13.487	146	41	2.889	ug/L #	22
65) 1,4-Dichlorobenzene	13.603	146	47	3.207	ug/L #	26
67) 1,2-Dichlorobenzene	13.877	146	129	9.934	ug/L #	53
69) 1,3,5-Trichlorobenzene	14.627	180	76	8.069	ug/L #	16
70) 1,2,4-trichlorobenzene	15.139	180	76	10.030	ug/L #	78
71) Naphthalene	15.353	128	145	8.805	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.566	180	108	16.082	ug/L #	14

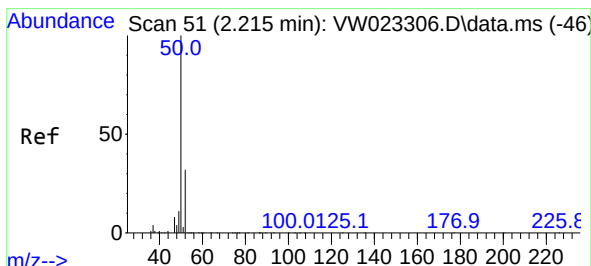
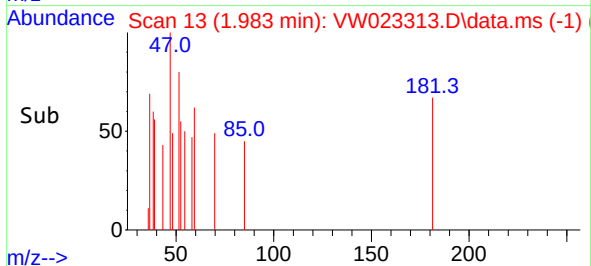
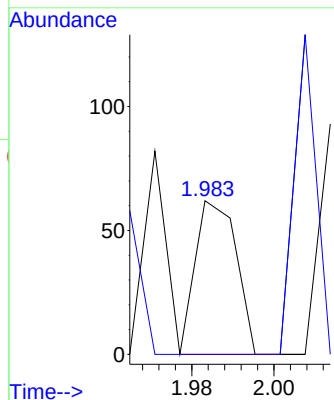
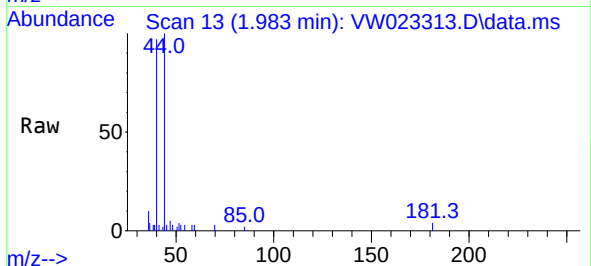
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.186 ug/L
RT: 1.983 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

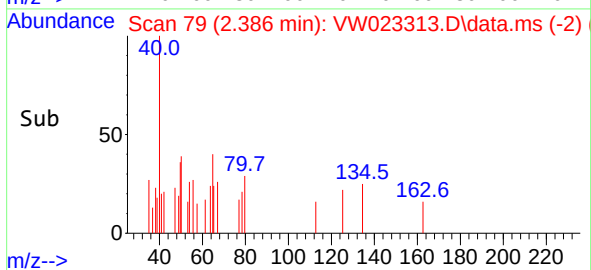
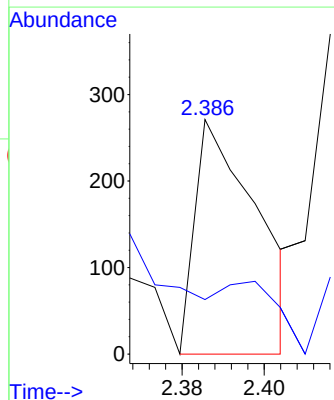
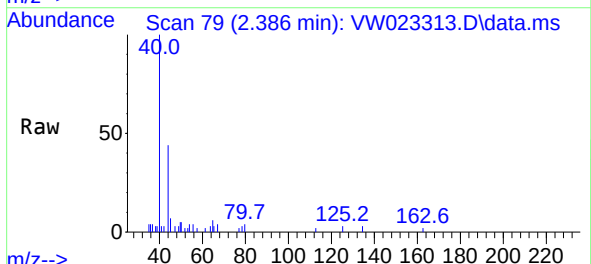
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

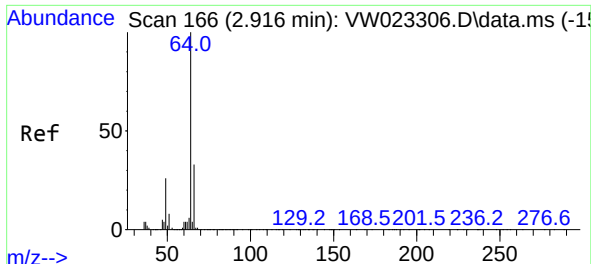
Tgt Ion: 85 Resp: 43
Ion Ratio Lower Upper
85 100
87 79.1 27.8 41.8#



#3
Chloromethane
Concen: 10.927 ug/L
RT: 2.386 min Scan# 79
Delta R.T. 0.171 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 23.2 23.1 42.9





#8

Chloroethane

Concen: 2.733 ug/L

RT: 2.928 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

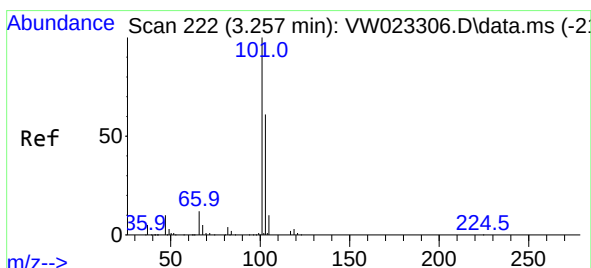
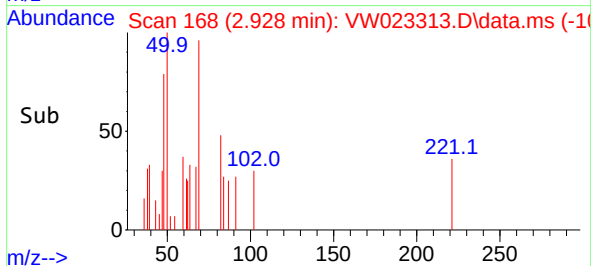
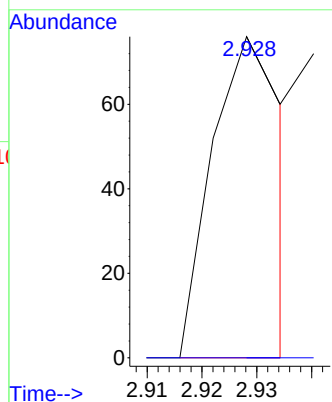
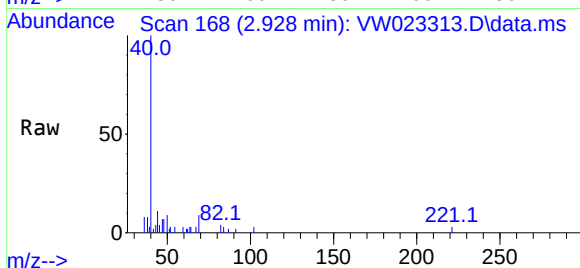
VIBLK481

Tgt Ion: 64 Resp: 69

Ion Ratio Lower Upper

64 100

66 0.0 23.4 43.6#



#9

Trichlorofluoromethane

Concen: 2.717 ug/L

RT: 3.312 min Scan# 231

Delta R.T. 0.055 min

Lab File: VW023313.D

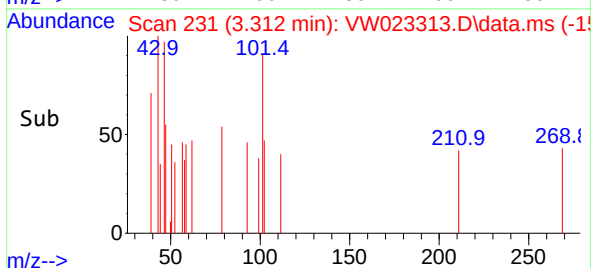
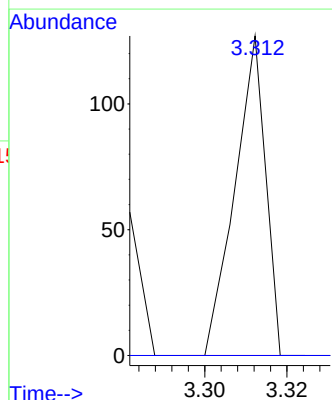
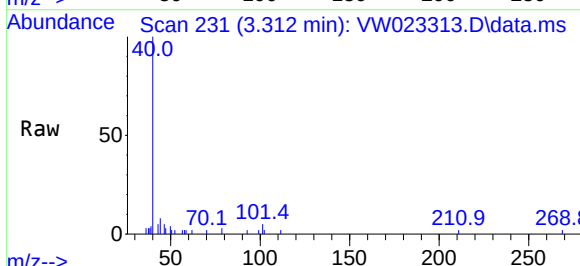
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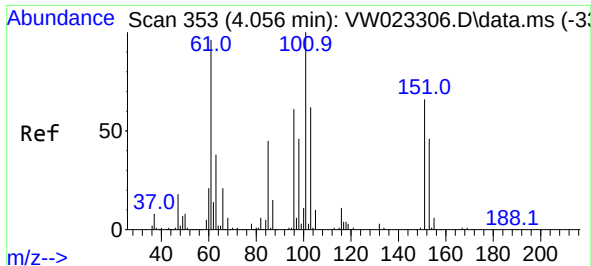
Tgt Ion: 101 Resp: 65

Ion Ratio Lower Upper

101 100

103 155.4 53.9 80.9#

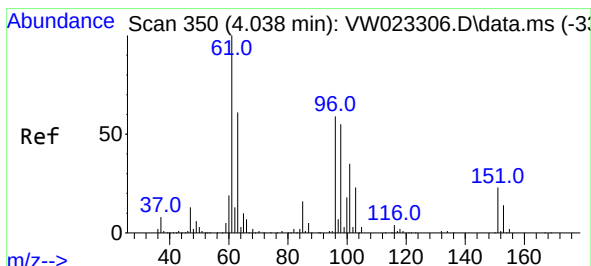
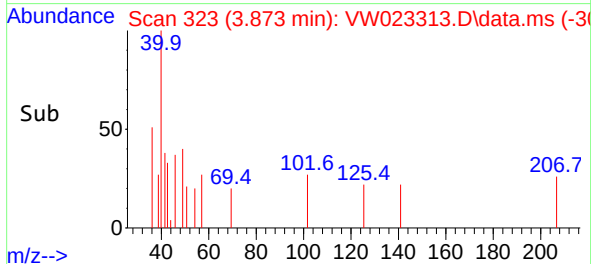
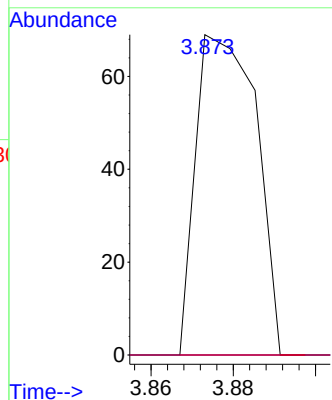
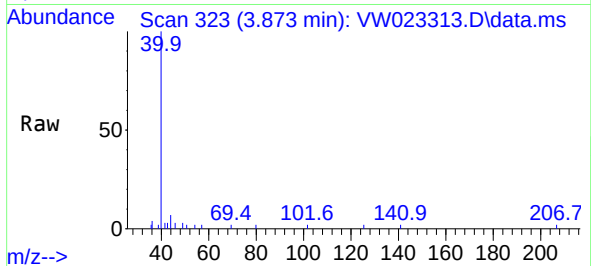




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.957 ug/L
RT: 3.873 min Scan# 31
Delta R.T. -0.183 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

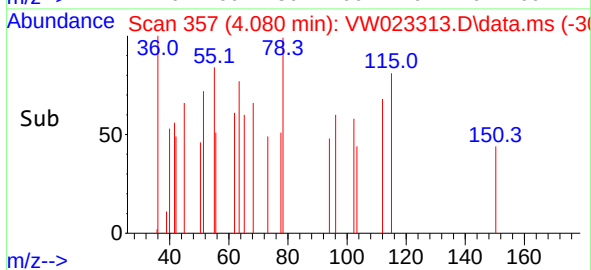
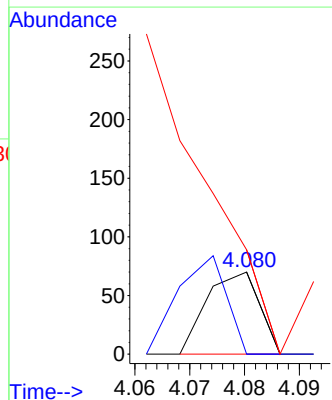
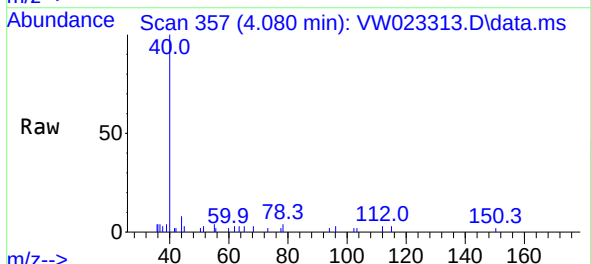
Instrument :
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ClientSampleId :
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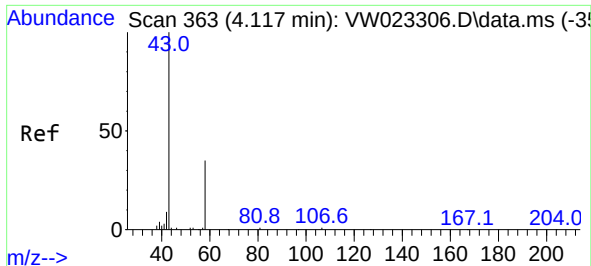
Tgt Ion:101 Resp: 70
Ion Ratio Lower Upper
101 100
85 81.4 34.3 51.5#
151 100.0 54.2 81.2#



#12
1,1-Dichloroethene
Concen: 1.482 ug/L
RT: 4.080 min Scan# 357
Delta R.T. 0.043 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 96 Resp: 47
Ion Ratio Lower Upper
96 100
61 0.0 125.7 233.5#
63 127.1 83.4 155.0

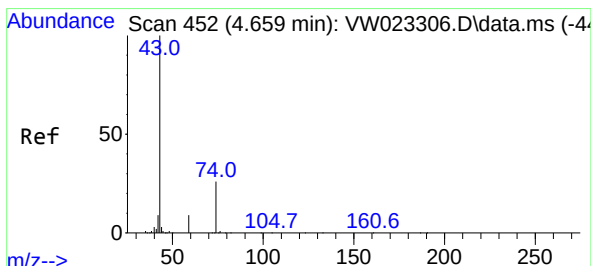
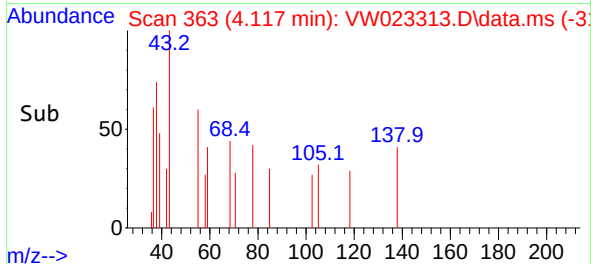
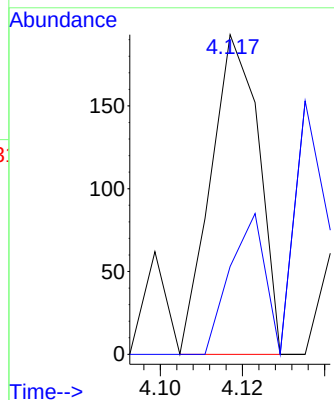
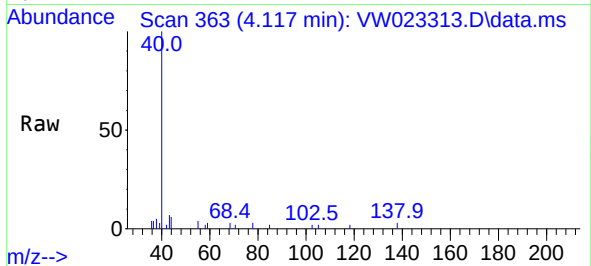




#13
Acetone
Concen: 21.573 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

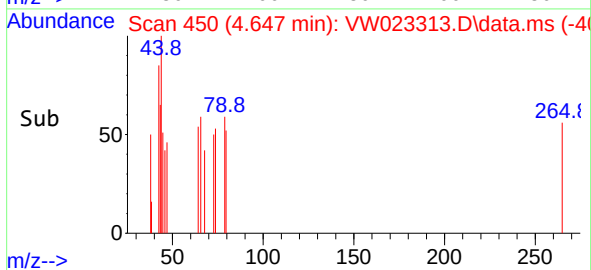
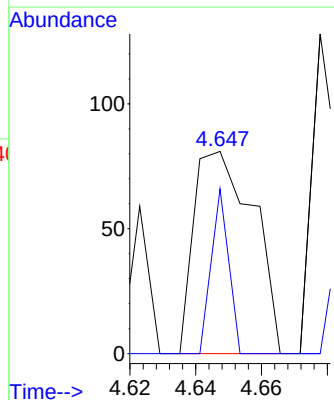
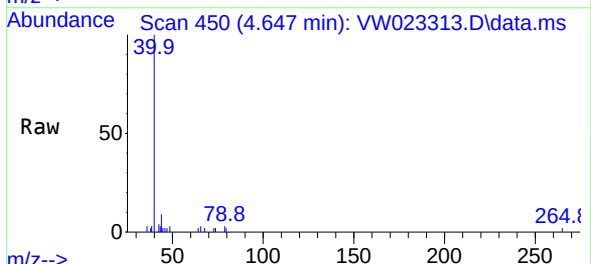
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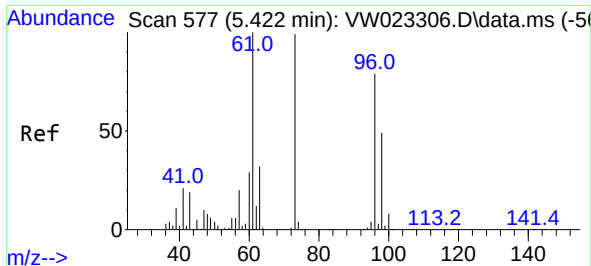
Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.0



#15
Methyl Acetate
Concen: 7.021 ug/L
RT: 4.647 min Scan# 450
Delta R.T. -0.012 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

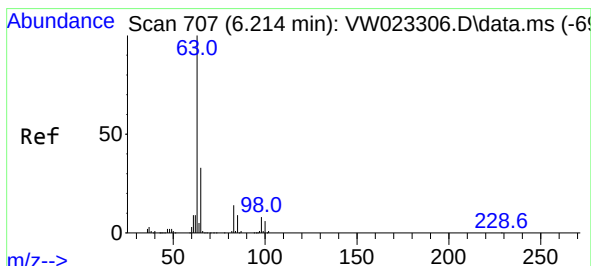
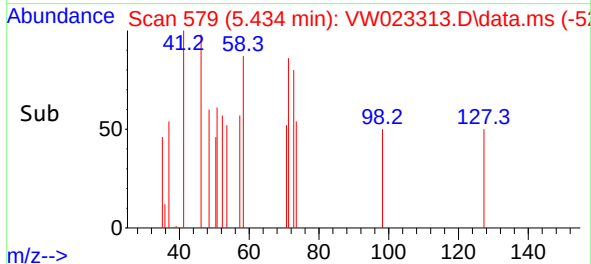
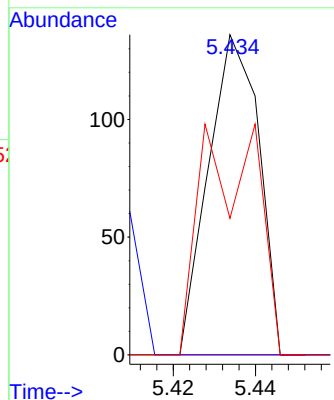
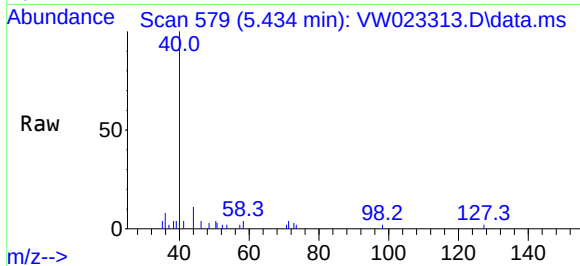




#18
Methyl tert-butyl Ether
Concen: 2.129 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW023313.D
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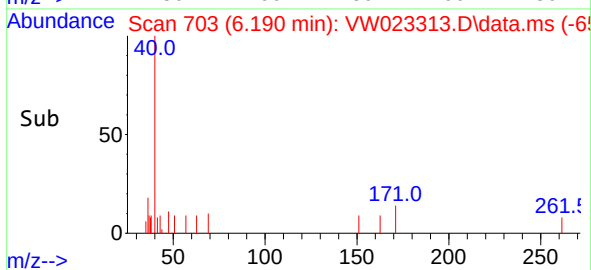
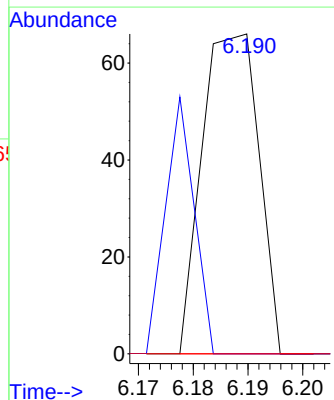
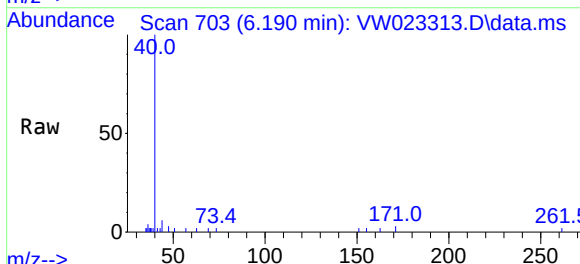
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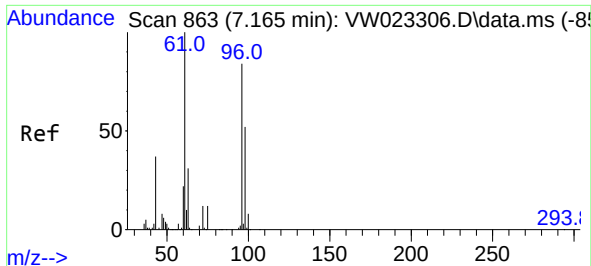
Tgt Ion:	73	Resp:	116
Ion	Ratio	Lower	Upper
73	100		
43	77.6	15.9	23.9#
57	49.1	16.5	24.7#



#19
1,1-Dichloroethane
Concen: 0.794 ug/L
RT: 6.190 min Scan# 703
Delta R.T. -0.024 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:	63	Resp:	48
Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.3	43.3#
83	0.0	11.1	20.5#

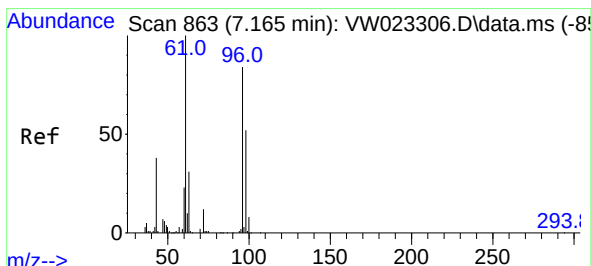
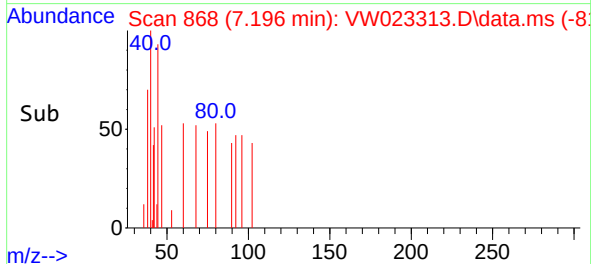
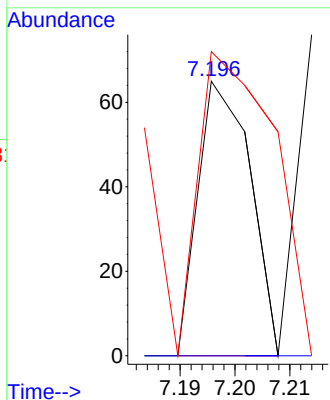
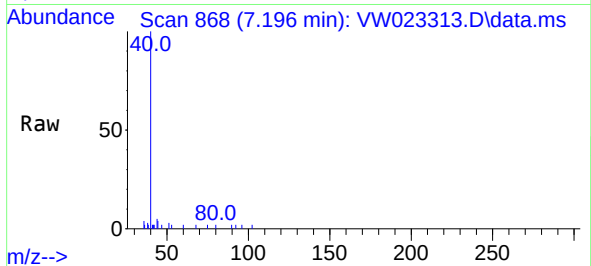




#20
 cis-1,2-Dichloroethene
 Concen: 1.122 ug/L
 RT: 7.196 min Scan# 80
 Delta R.T. 0.031 min
 Lab File: VW023313.D
 Acq: 25 May 2022 11:59

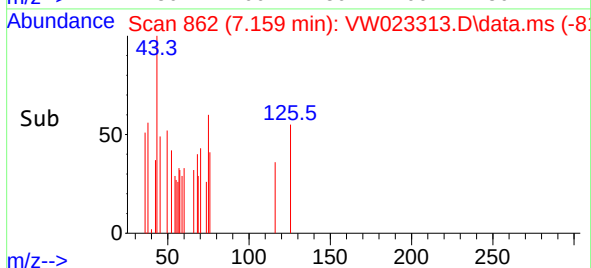
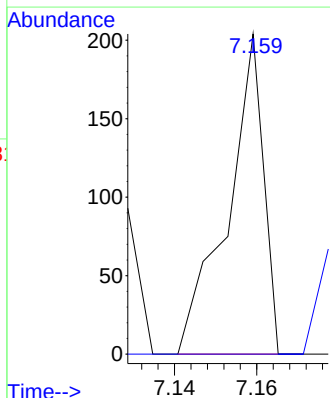
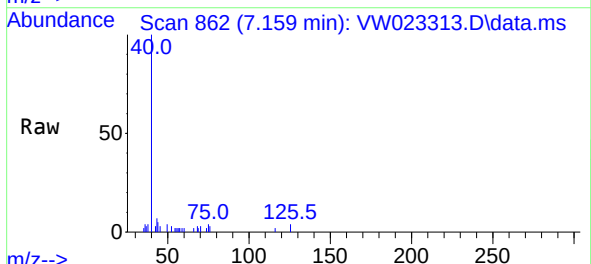
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 ClientSampleId :
 VIBLK481

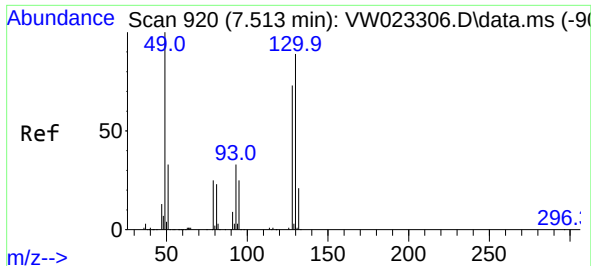
Tgt Ion: 96 Resp: 43
 Ion Ratio Lower Upper
 96 100
 61 0.0 84.2 156.4#
 68 110.8 0.1 0.1#



#22
 2-Butanone
 Concen: 12.262 ug/L
 RT: 7.159 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: VW023313.D
 Acq: 25 May 2022 11:59

Tgt Ion: 43 Resp: 124
 Ion Ratio Lower Upper
 43 100
 72 0.0 15.1 45.3#

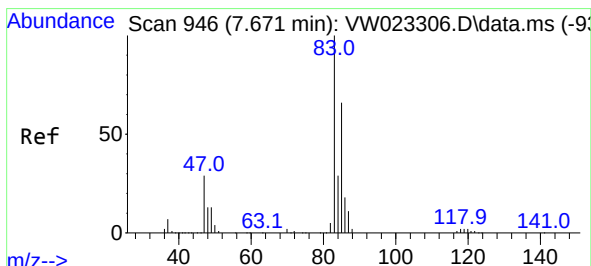
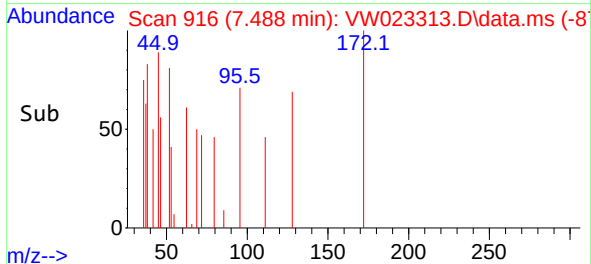
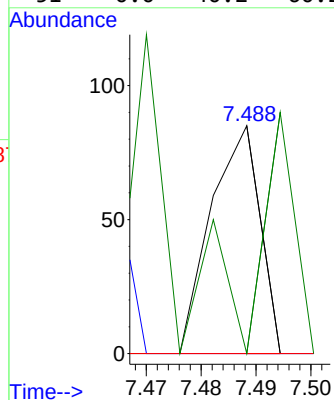
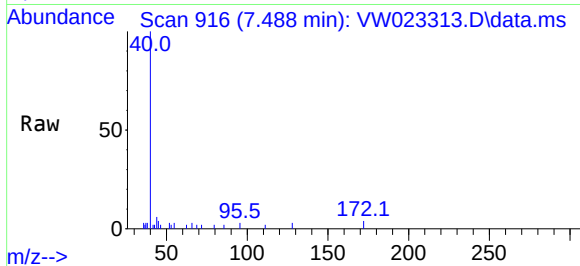




#23
Bromochloromethane
Concen: 2.952 ug/L
RT: 7.488 min Scan# 916
Delta R.T. -0.024 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

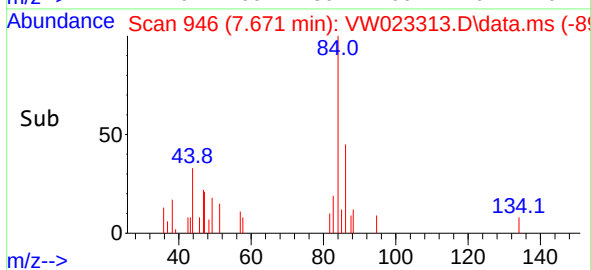
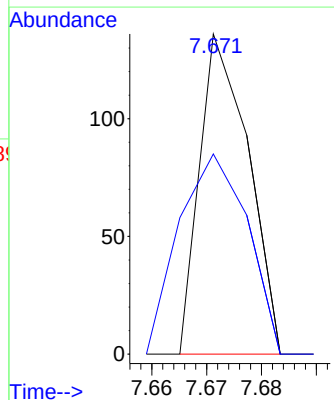
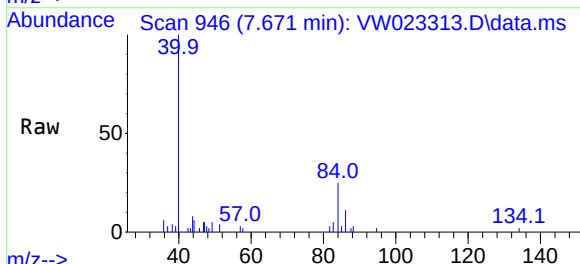
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

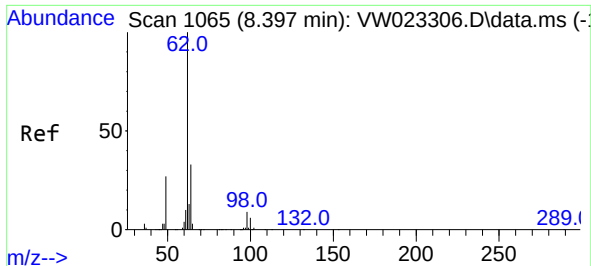
Tgt Ion:	128	Resp:	53
Ion	Ratio	Lower	Upper
128	100		
49	0.0	110.0	204.4#
130	0.0	94.8	176.0#
51	0.0	40.2	60.2#



#25
Chloroform
Concen: 1.256 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:	83	Resp:	84
Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.6	86.6





#27

1,2-Dichloroethane

Concen: 1.929 ug/L

RT: 8.348 min Scan# 1065

Delta R.T. -0.049 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

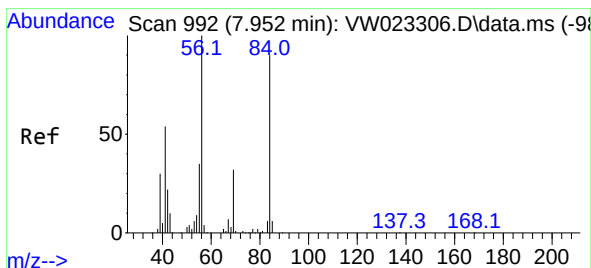
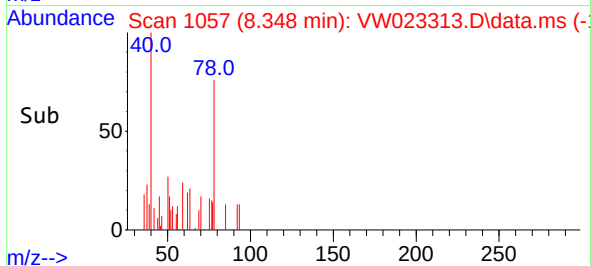
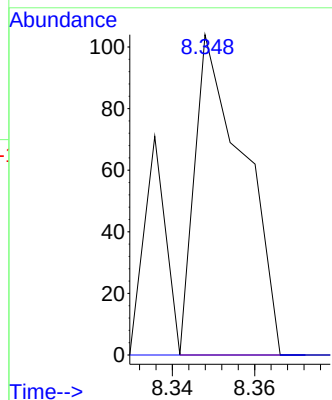
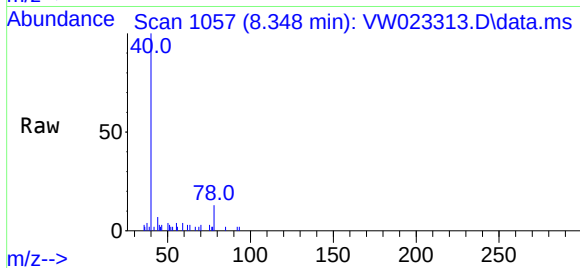
VIBLK481

Tgt Ion: 62 Resp: 86

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#29

Cyclohexane

Concen: 1.401 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

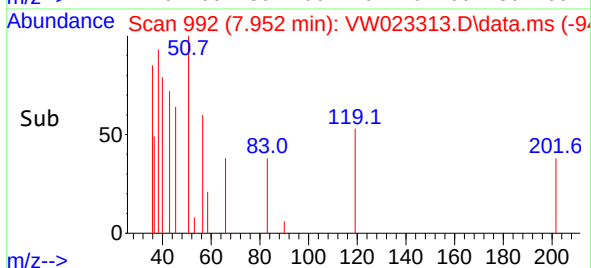
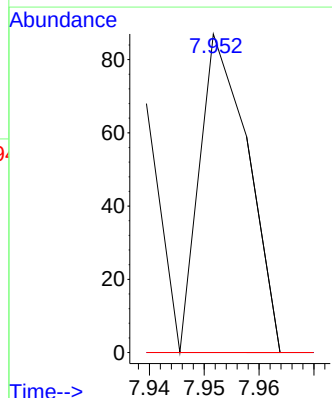
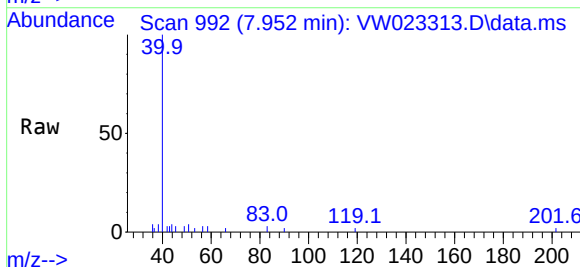
Tgt Ion: 56 Resp: 53

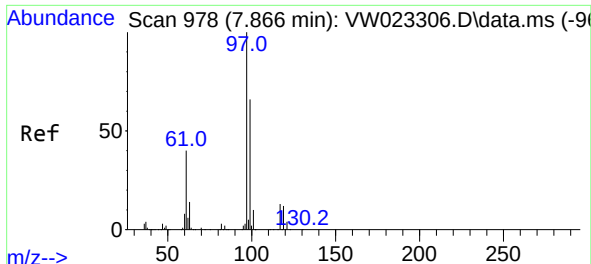
Ion Ratio Lower Upper

56 100

69 0.0 25.6 38.4#

84 0.0 78.2 117.4#





#30

1,1,1-Trichloroethane

Concen: 1.742 ug/L

RT: 7.860 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VIBLK481

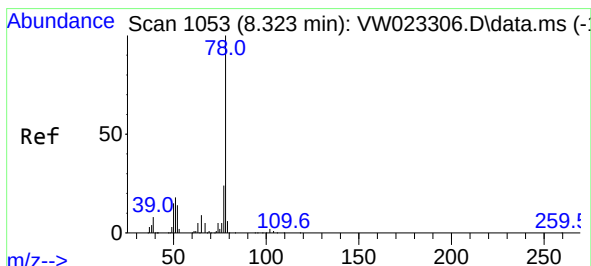
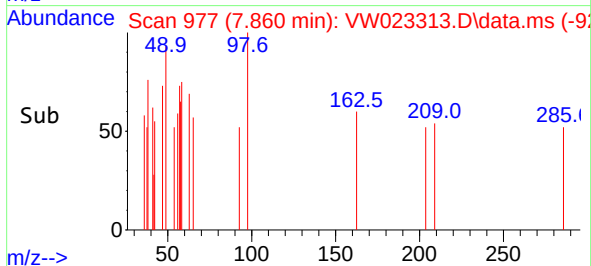
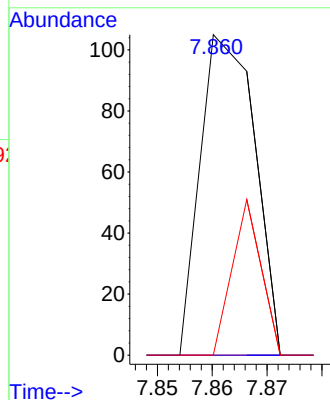
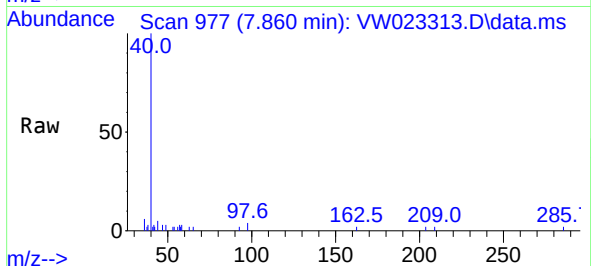
Tgt Ion: 97 Resp: 72

Ion Ratio Lower Upper

97 100

99 26.4 51.0 76.4#

61 102.8 34.8 52.2#



#33

Benzene

Concen: 4.600 ug/L

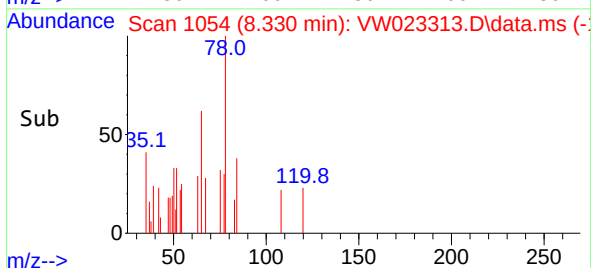
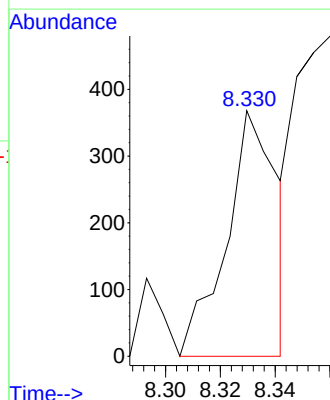
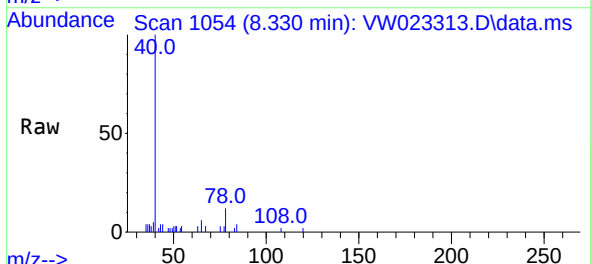
RT: 8.330 min Scan# 1054

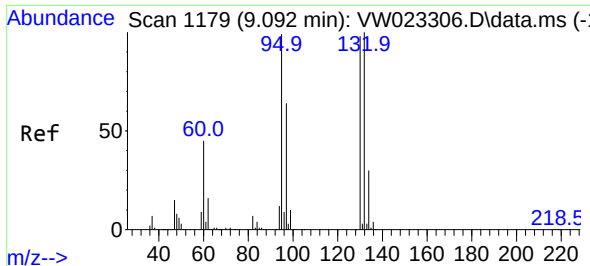
Delta R.T. 0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Tgt Ion: 78 Resp: 474



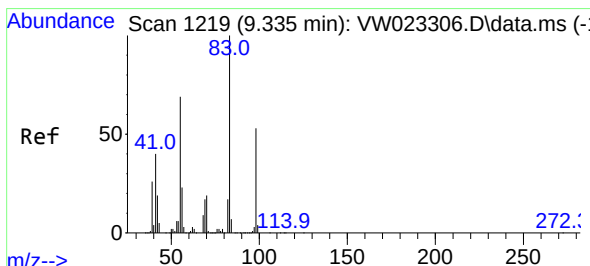
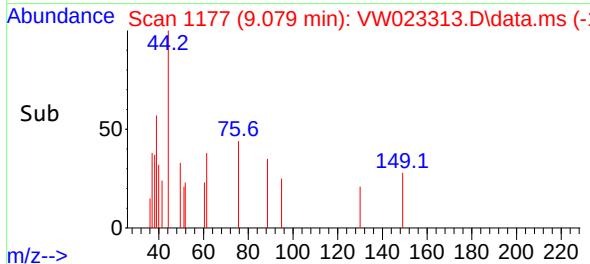
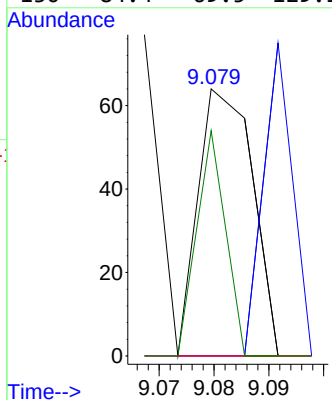
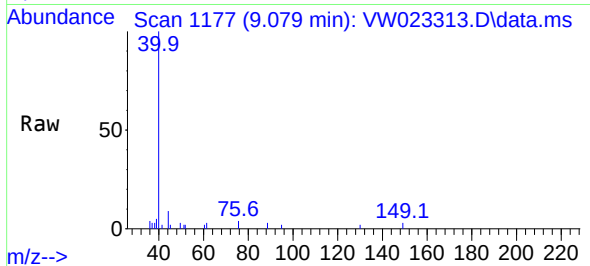


#34
Trichloroethene
Concen: 1.553 ug/L
RT: 9.079 min Scan# 1179
Delta R.T. -0.012 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

Tgt Ion: 95 Resp: 44

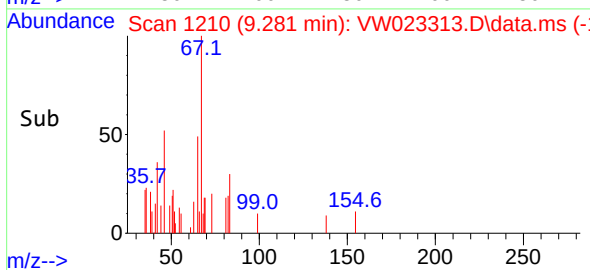
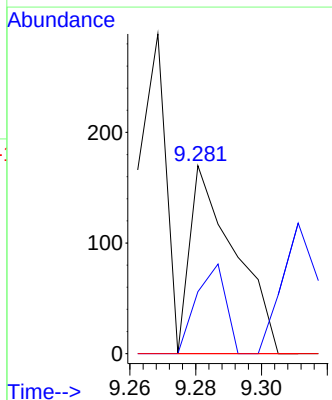
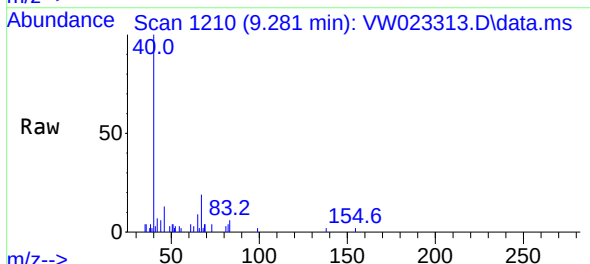
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.1	85.7#
132	0.0	66.9	124.3#
130	84.4	69.5	129.1

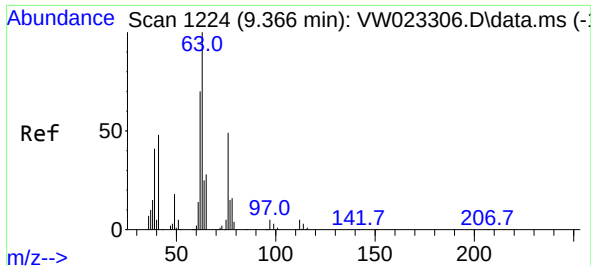


#35
Methylcyclohexane
Concen: 3.459 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 83 Resp: 161

Ion	Ratio	Lower	Upper
83	100		
55	31.1	55.1	82.7#
98	0.0	40.4	60.6#





#37

1,2-Dichloropropane

Concen: 2.727 ug/L

RT: 9.360 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

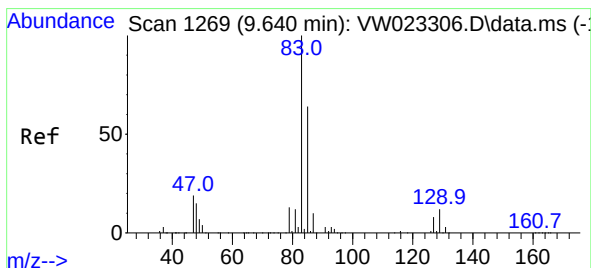
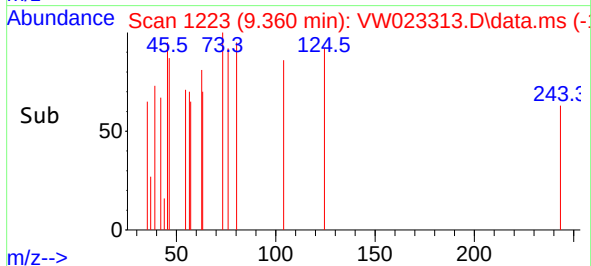
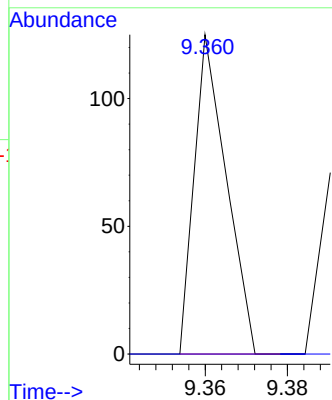
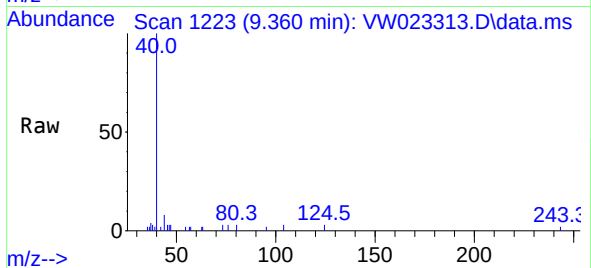
VIBLK481

Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 1.807 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

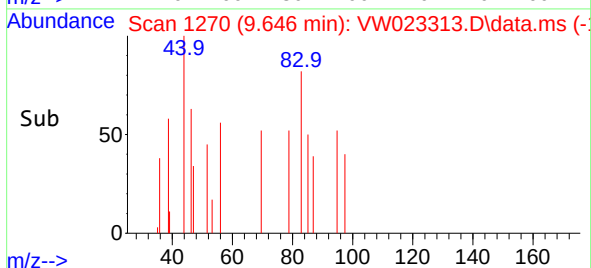
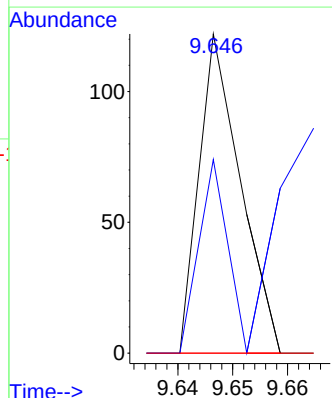
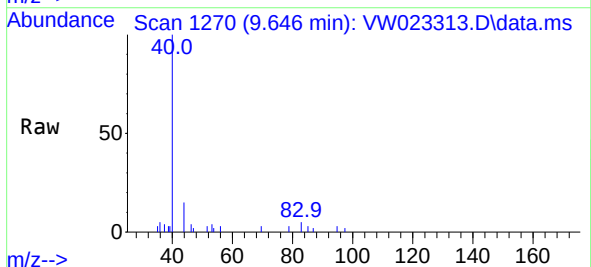
Tgt Ion: 83 Resp: 64

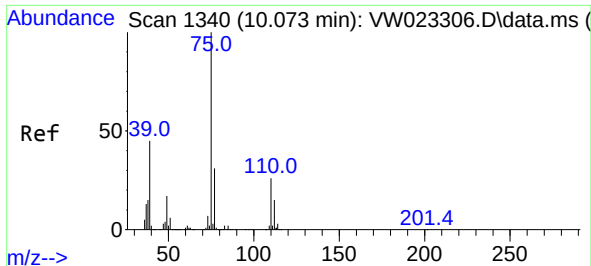
Ion Ratio Lower Upper

83 100

85 60.7 43.5 80.7

127 0.0 7.1 10.7#





#39

cis-1,3-Dichloropropene

Concen: 1.267 ug/L

RT: 10.152 min Scan# 1353

Delta R.T. 0.079 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

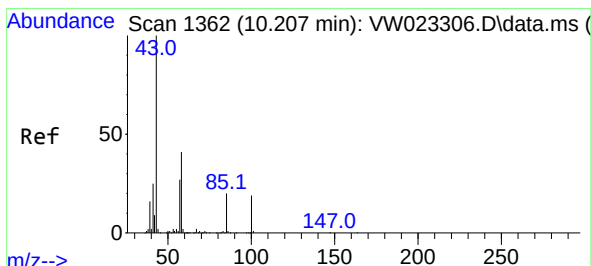
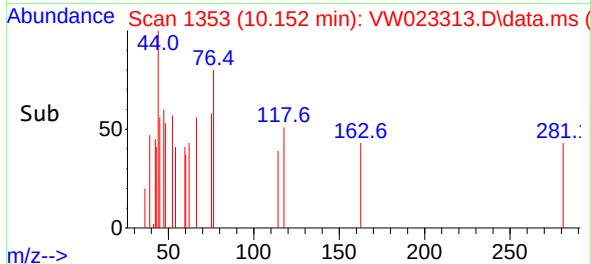
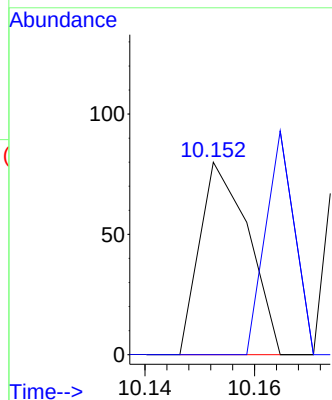
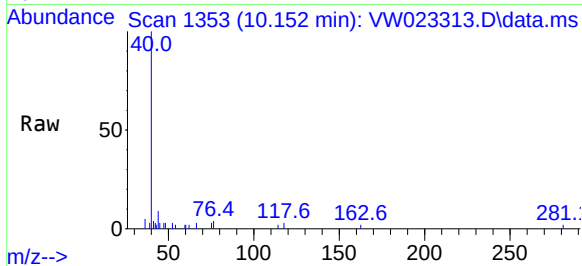
VIBLK481

Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

75 100

77 0.0 22.1 41.1#



#40

4-Methyl-2-pentanone

Concen: 4.518 ug/L

RT: 10.195 min Scan# 1360

Delta R.T. -0.012 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

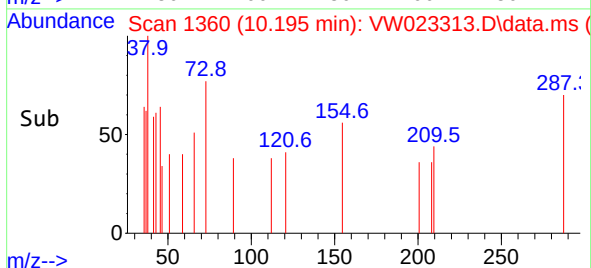
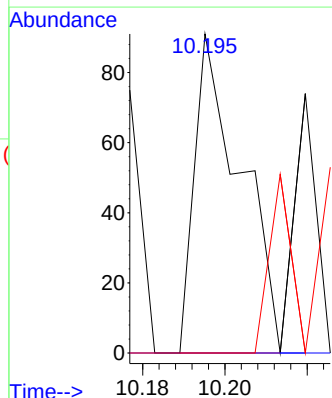
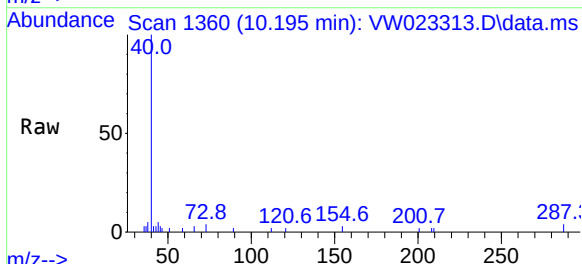
Tgt Ion: 43 Resp: 71

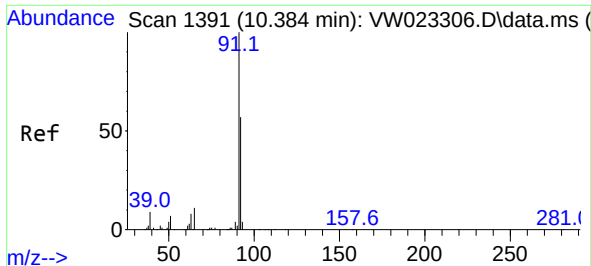
Ion Ratio Lower Upper

43 100

58 35.2 31.4 47.2

100 26.8 14.2 21.4#

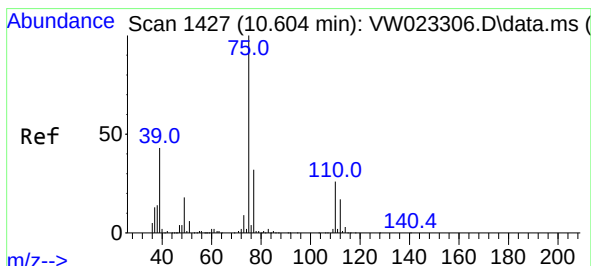
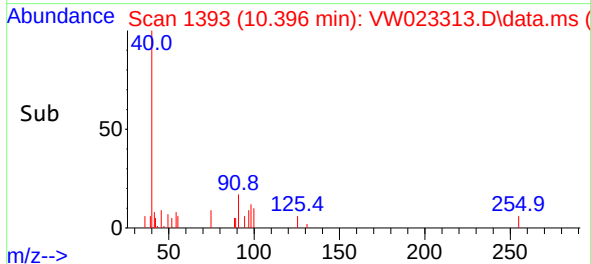
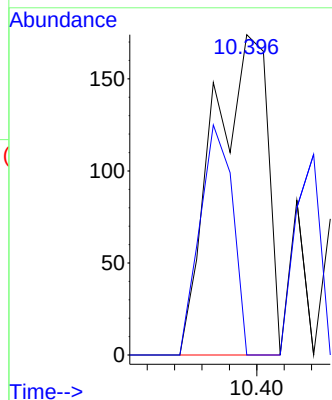
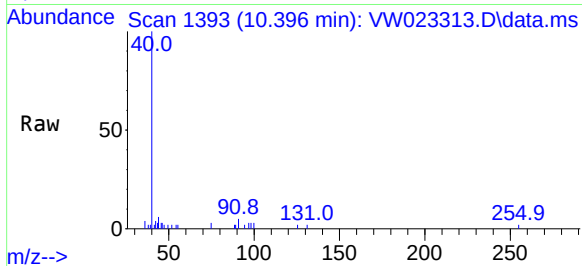




#42
Toluene
Concen: 2.052 ug/L
RT: 10.396 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

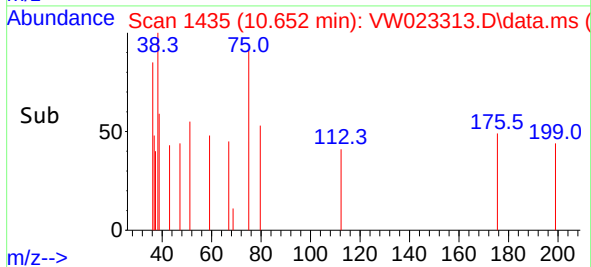
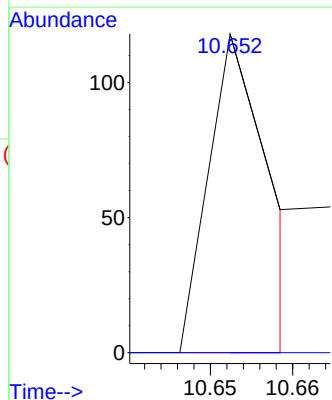
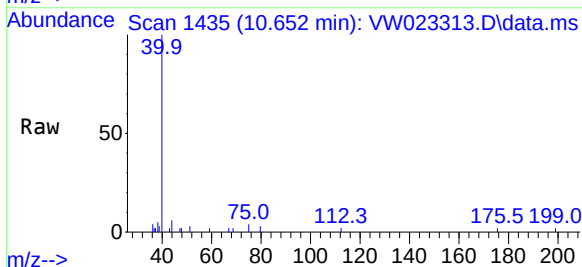
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

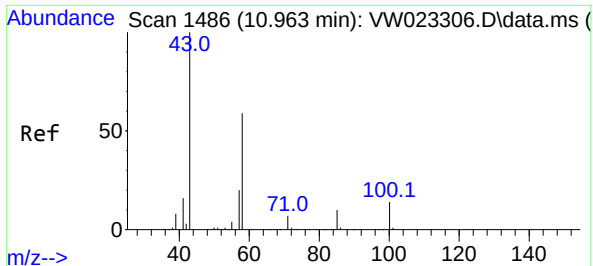
Tgt Ion: 91 Resp: 237
Ion Ratio Lower Upper
91 100
92 0.0 41.6 77.2#



#44
trans-1,3-Dichloropropene
Concen: 1.826 ug/L
RT: 10.652 min Scan# 1435
Delta R.T. 0.049 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 0.0 22.0 40.8#

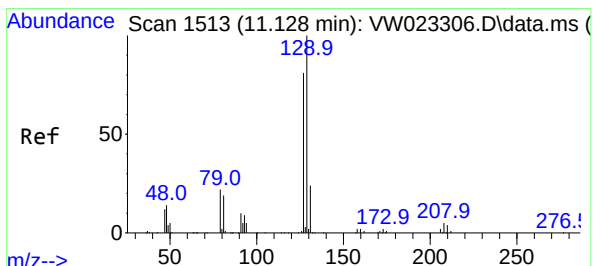
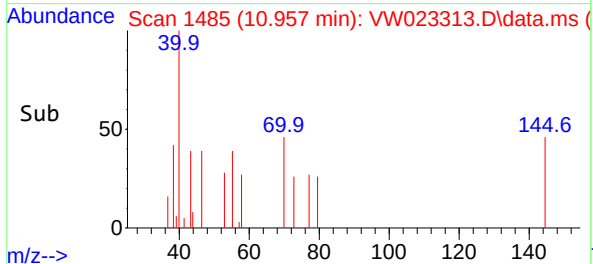
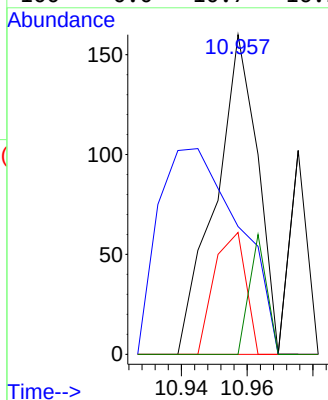
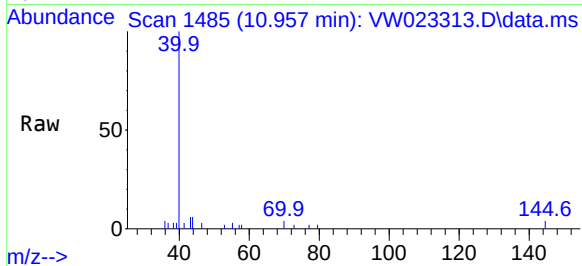




#48
2-Hexanone
Concen: 13.523 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

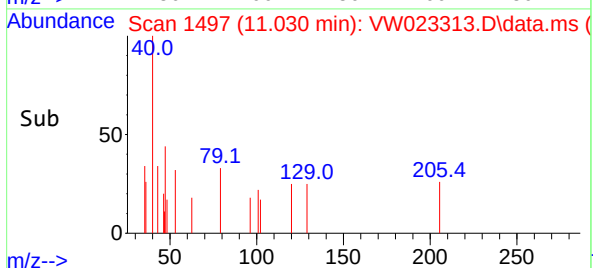
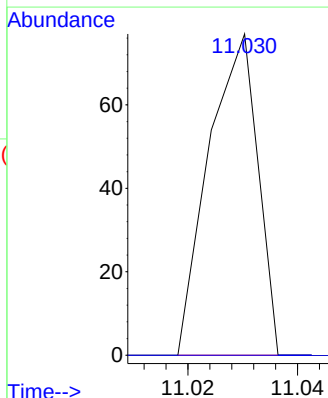
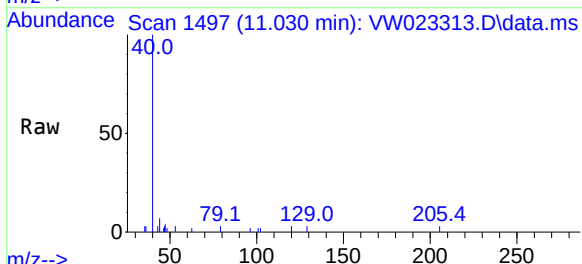
Instrument : MSVOA_W
ClientSampleId : VIBLK481

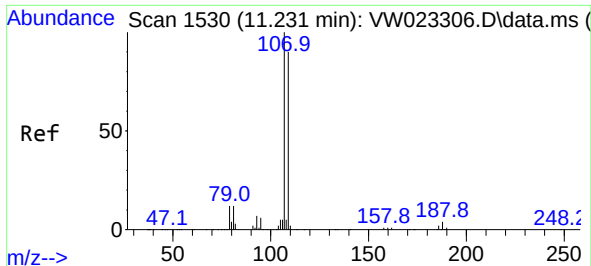
Tgt Ion: 43	Resp: 142
Ion Ratio	Lower Upper
43 100	
58 123.9	45.9 68.9#
57 28.9	16.2 24.2#
100 0.0	10.7 16.1#



#49
Dibromochloromethane
Concen: 1.913 ug/L
RT: 11.030 min Scan# 1497
Delta R.T. -0.097 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:129	Resp:	48	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#50

1,2-Dibromoethane

Concen: 2.676 ug/L

RT: 11.244 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

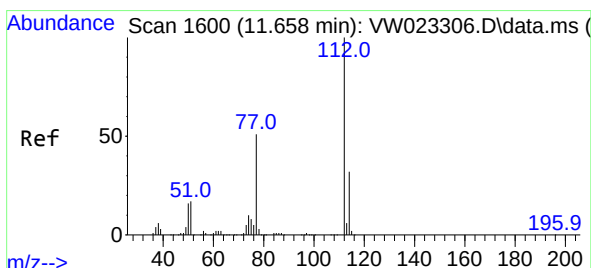
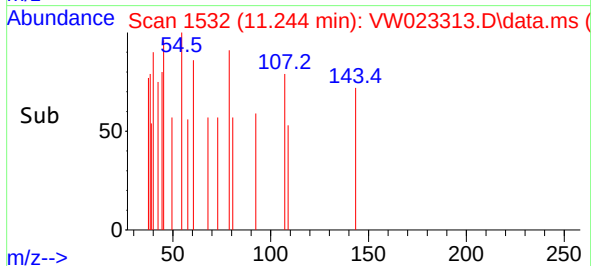
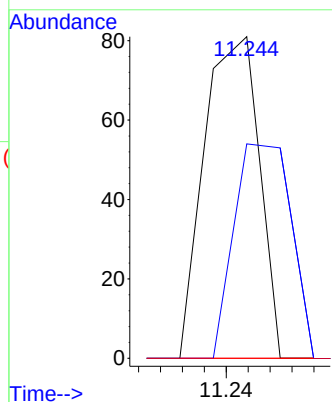
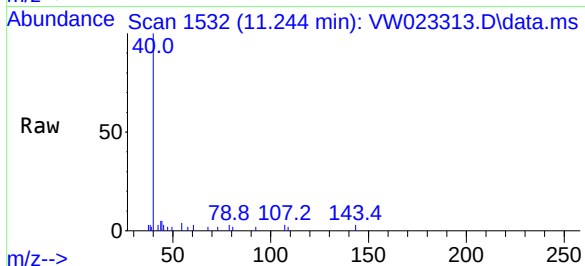
Instrument :

MSVOA_W

ClientSampleId :

VIBLK481

Tgt Ion:107	Resp:	56
Ion Ratio	Lower	Upper
107	100	
109	66.7	67.5 125.4#
188	0.0	2.9 4.3#



#51

Chlorobenzene

Concen: 2.470 ug/L

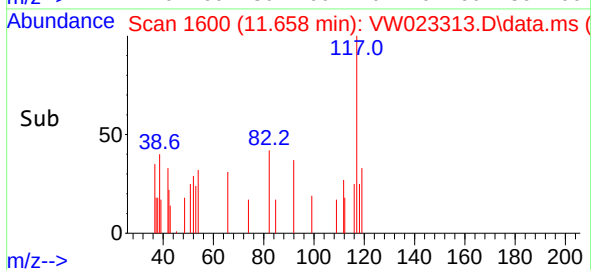
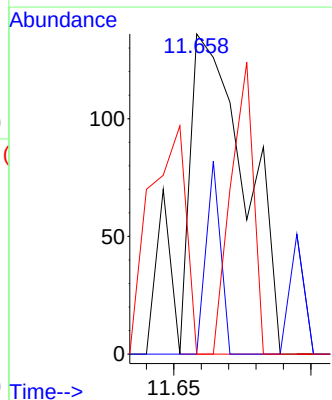
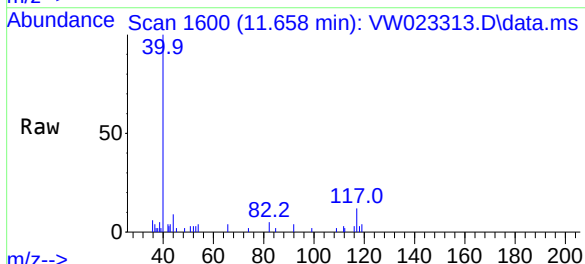
RT: 11.658 min Scan# 1600

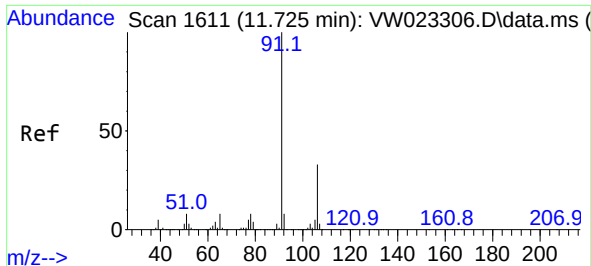
Delta R.T. 0.000 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Tgt Ion:112	Resp:	188
Ion Ratio	Lower	Upper
112	100	
114	0.0	22.0 41.0#
77	0.0	42.6 63.8#

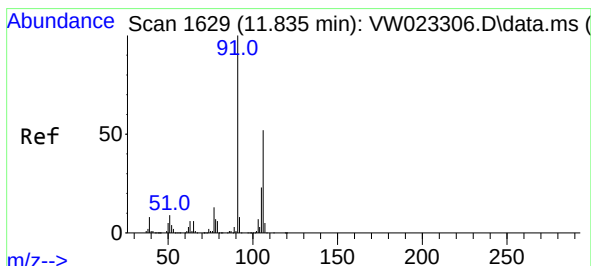
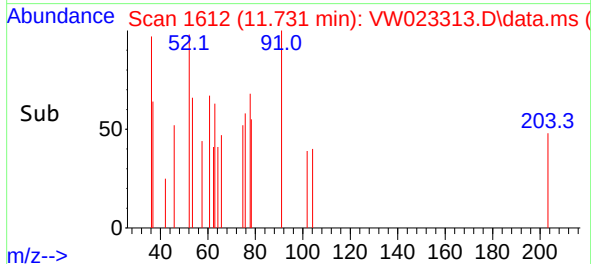
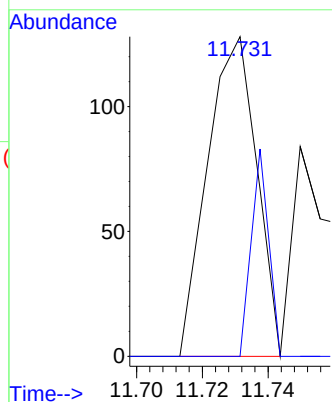
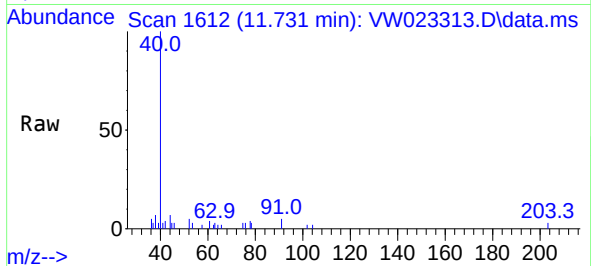




#52
Ethylbenzene
Concen: 1.035 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

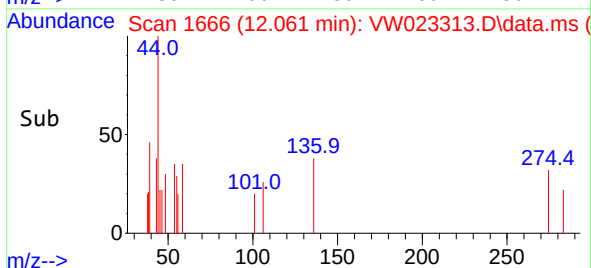
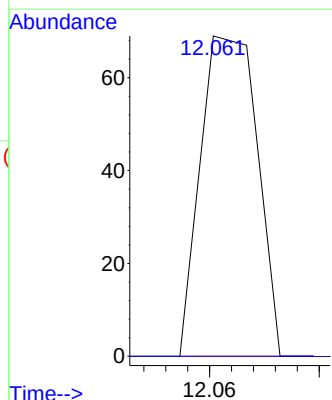
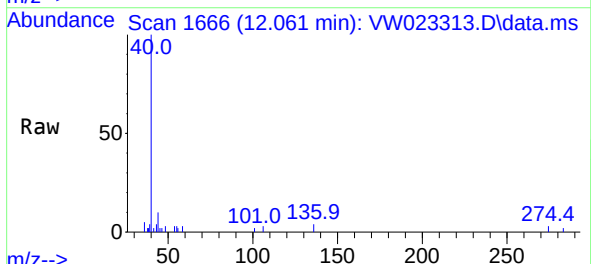
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

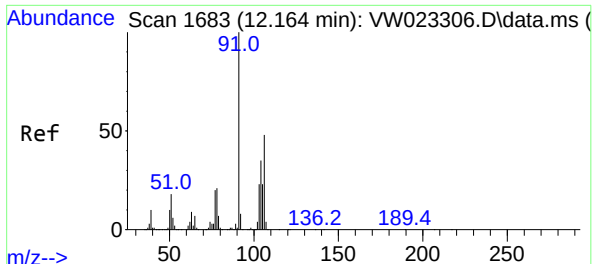
Tgt Ion: 91 Resp: 133
Ion Ratio Lower Upper
91 100
106 0.0 22.3 41.3#



#53
m,p-Xylene
Concen: 0.988 ug/L
RT: 12.061 min Scan# 1666
Delta R.T. 0.226 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:106 Resp: 50
Ion Ratio Lower Upper
106 100
91 0.0 136.8 254.0#

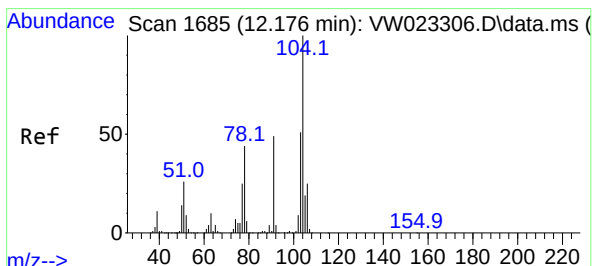
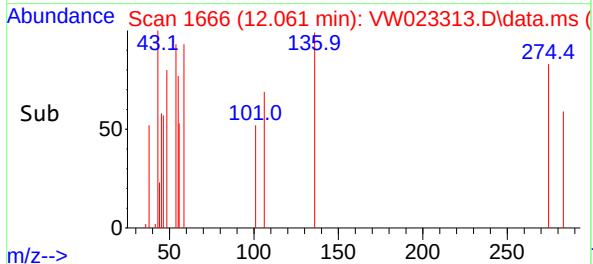
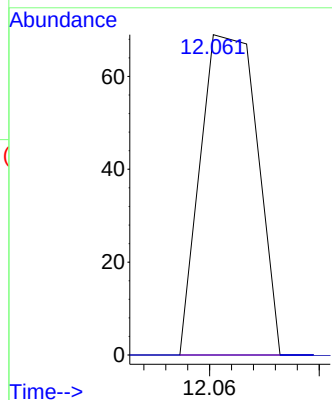
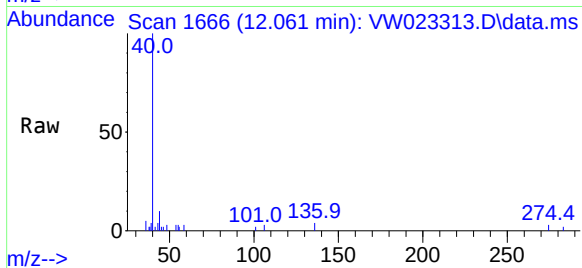




#54
o-Xylene
Concen: 1.029 ug/L
RT: 12.061 min Scan# 1683
Delta R.T. -0.104 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

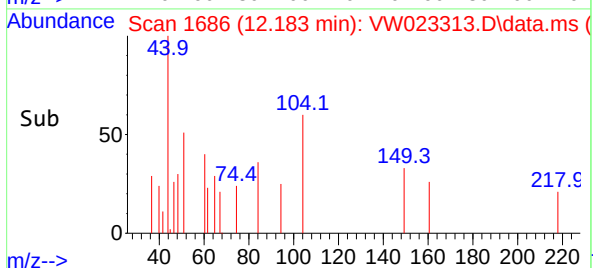
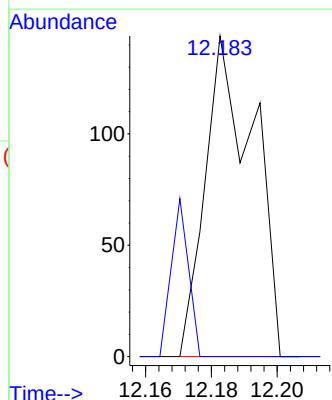
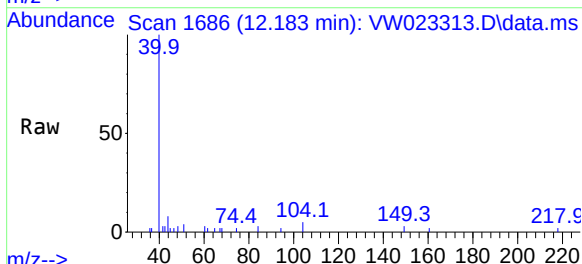
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

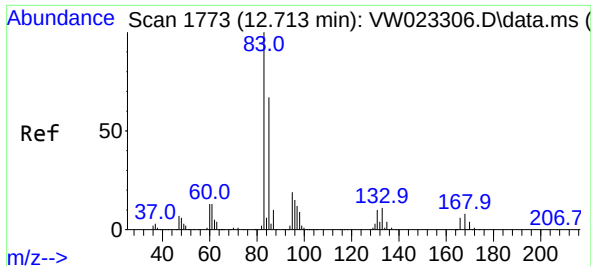
Tgt Ion:106 Resp: 50
Ion Ratio Lower Upper
106 100
91 0.0 147.2 273.4#



#55
Styrene
Concen: 1.781 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:104 Resp: 147
Ion Ratio Lower Upper
104 100
78 0.0 32.3 59.9#

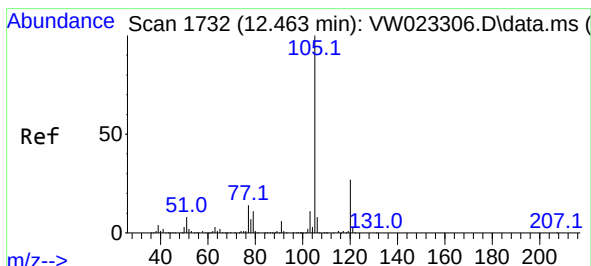
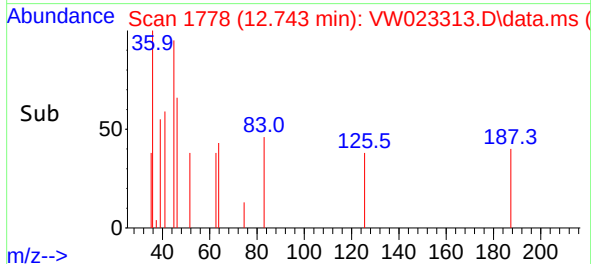
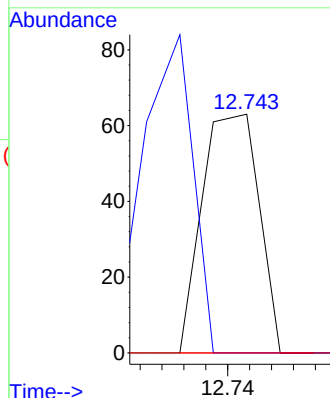
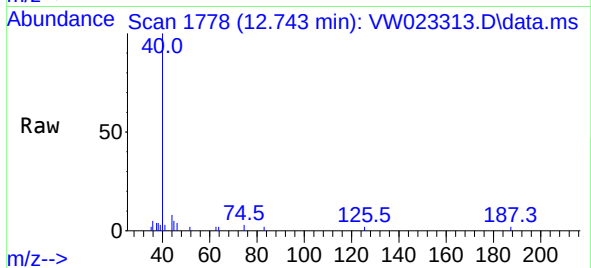




#57
1,1,2,2-Tetrachloroethane
Concen: 1.728 ug/L
RT: 12.743 min Scan# 1773
Delta R.T. 0.031 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

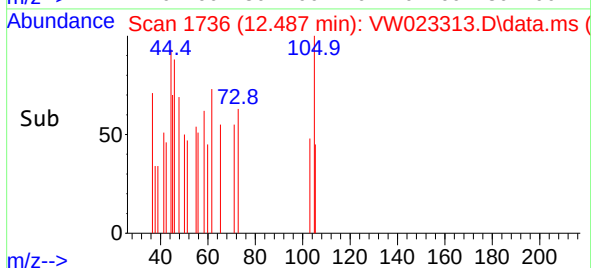
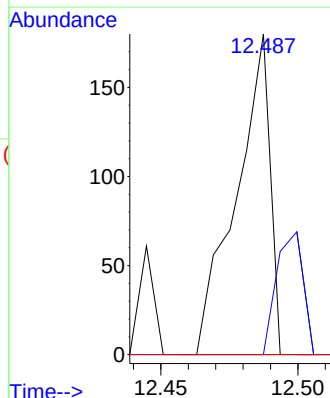
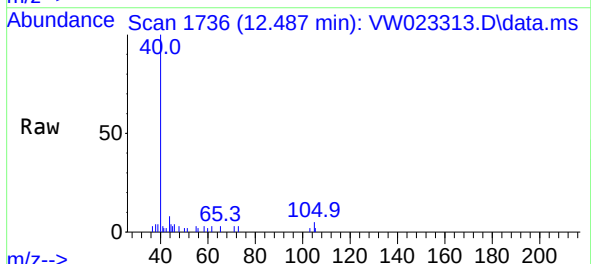
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

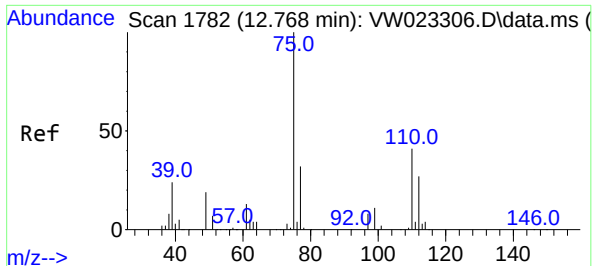
Tgt Ion: 83	Resp:	45
Ion Ratio	Lower	Upper
83	100	
85	0.0	47.5 88.1#
131	0.0	8.7 13.1#



#60
Isopropylbenzene
Concen: 4.845 ug/L
RT: 12.487 min Scan# 1736
Delta R.T. 0.024 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion: 105	Resp:	154
Ion Ratio	Lower	Upper
105	100	
120	29.9	21.3 31.9
77	29.2	12.6 19.0#





#61

1,2,3-Trichloropropane

Concen: 6.687 ug/L

RT: 12.762 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

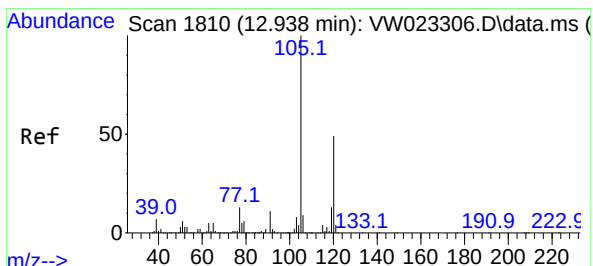
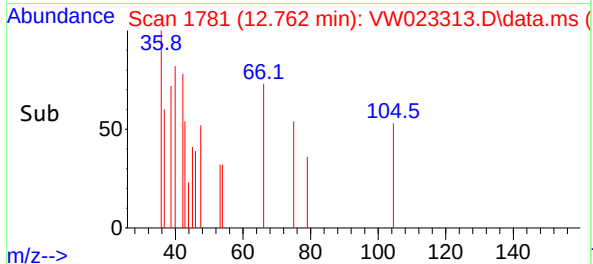
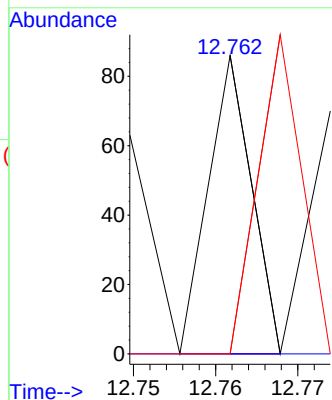
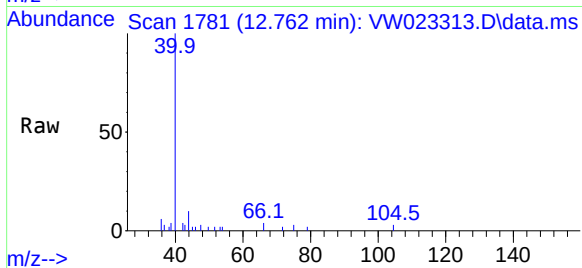
Instrument :

MSVOA_W

ClientSampleId :

VIBLK481

Tgt Ion:	75	Resp:	31
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
110	0.0	34.1	51.1#



#62

1,3,5-Trimethylbenzene

Concen: 5.316 ug/L

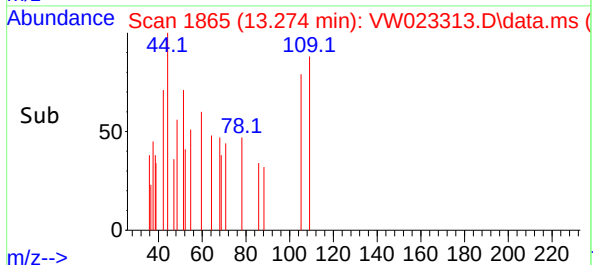
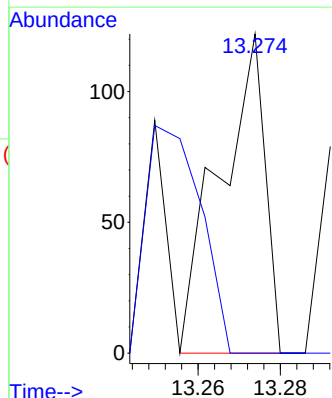
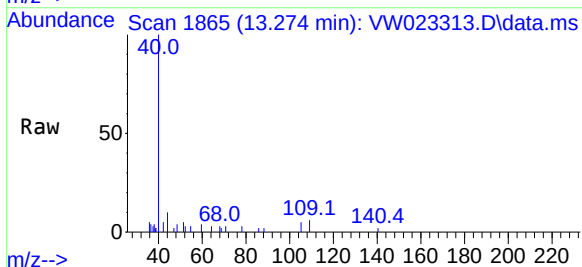
RT: 13.274 min Scan# 1865

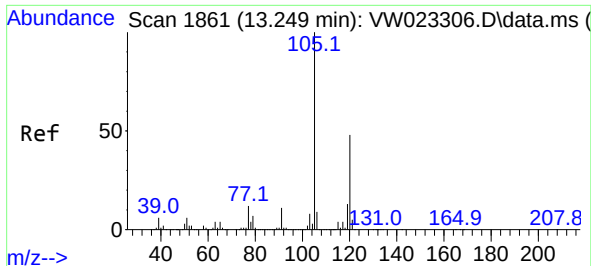
Delta R.T. 0.335 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Tgt Ion:	105	Resp:	94
Ion	Ratio	Lower	Upper
105	100		
120	44.7	38.9	58.3

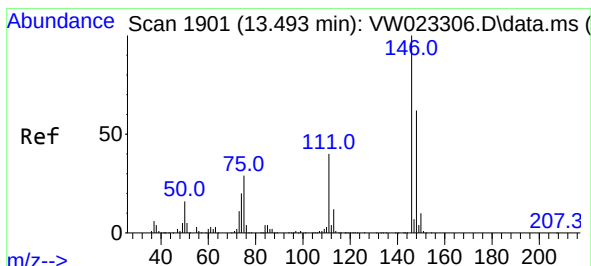
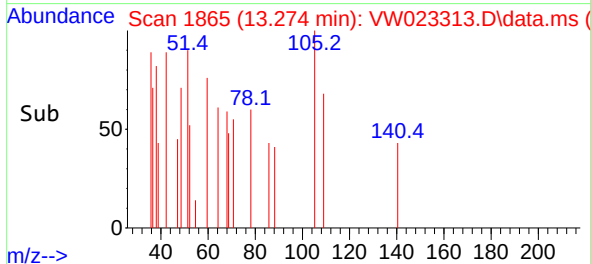
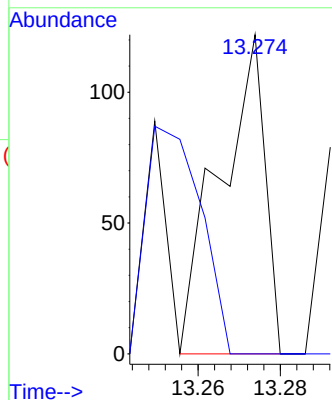
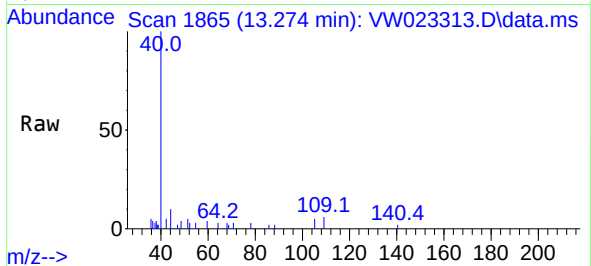




#63
1,2,4-Trimethylbenzene
Concen: 3.540 ug/L
RT: 13.274 min Scan# 1865
Delta R.T. 0.024 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

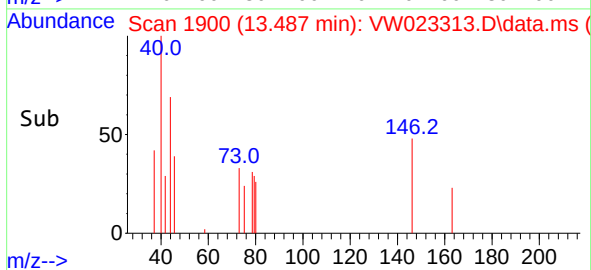
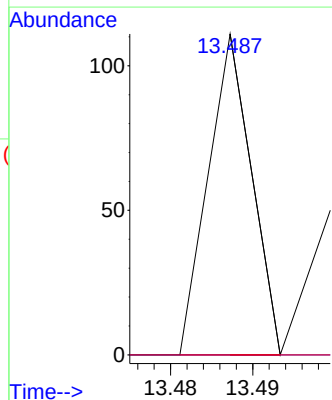
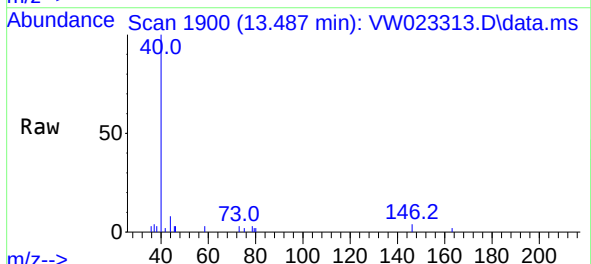
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

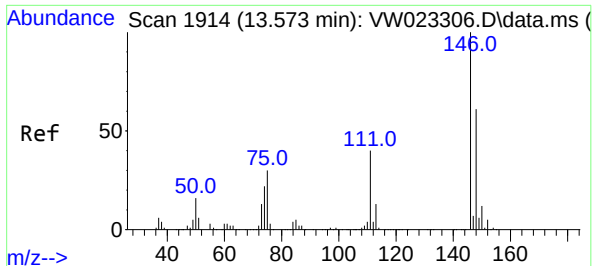
Tgt Ion:105 Resp: 94
Ion Ratio Lower Upper
105 100
120 44.7 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 2.889 ug/L
RT: 13.487 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:146 Resp: 41
Ion Ratio Lower Upper
146 100
111 0.0 29.5 54.9#
148 0.0 48.6 90.2#

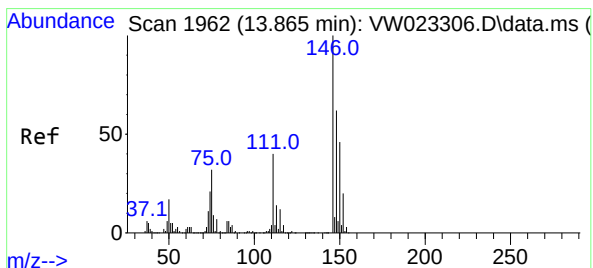
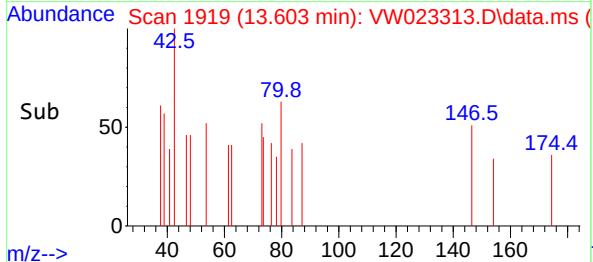
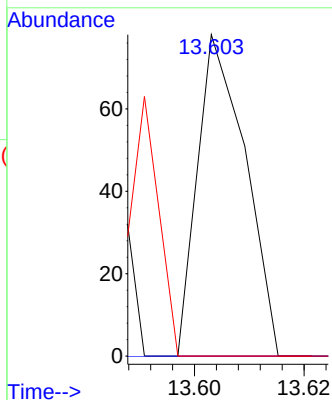
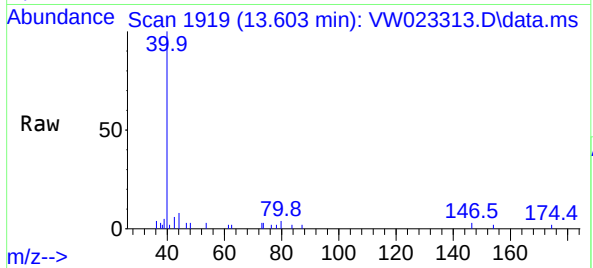




#65
1,4-Dichlorobenzene
Concen: 3.207 ug/L
RT: 13.603 min Scan# 1914
Delta R.T. 0.031 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

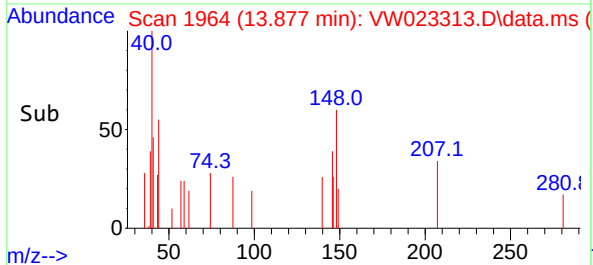
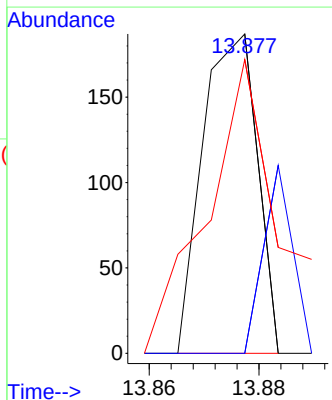
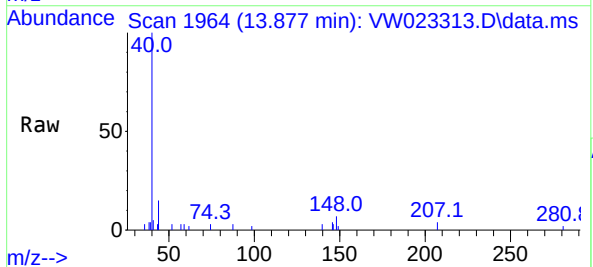
Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

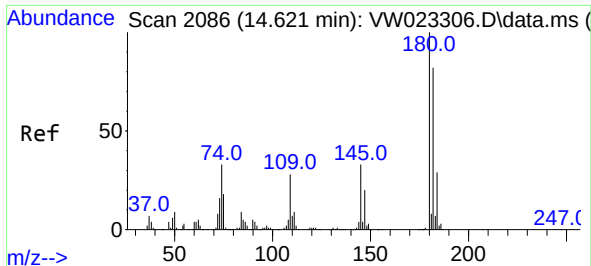
Tgt Ion:146 Resp: 47
Ion Ratio Lower Upper
146 100
111 0.0 27.2 50.4#
148 0.0 44.0 81.6#



#67
1,2-Dichlorobenzene
Concen: 9.934 ug/L
RT: 13.877 min Scan# 1964
Delta R.T. 0.012 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
111 0.0 35.7 53.5#
148 92.0 52.6 79.0#





#69

1,3,5-Trichlorobenzene

Concen: 8.069 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

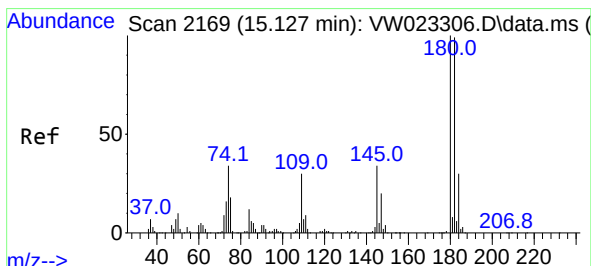
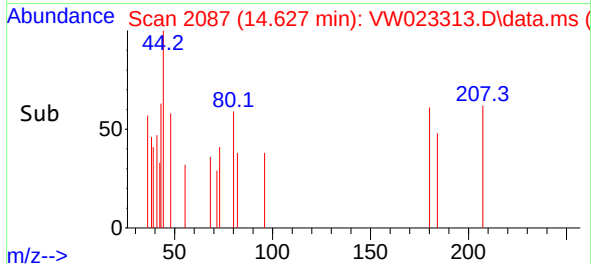
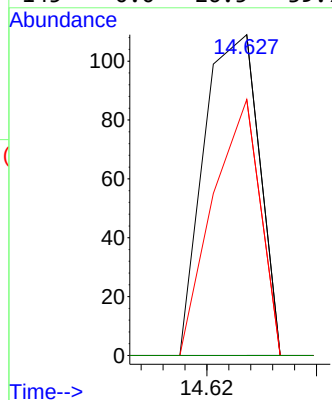
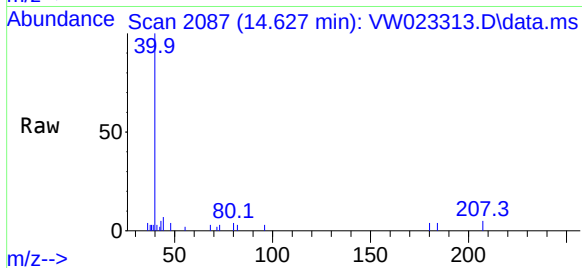
Instrument :

MSVOA_W

ClientSampleId :

VIBLK481

Tgt Ion:180	Resp:	76
Ion	Ratio	Lower Upper
180	100	
182	0.0	74.8 112.2#
184	68.4	23.4 35.2#
145	0.0	26.5 39.7#



#70

1,2,4-trichlorobenzene

Concen: 10.030 ug/L

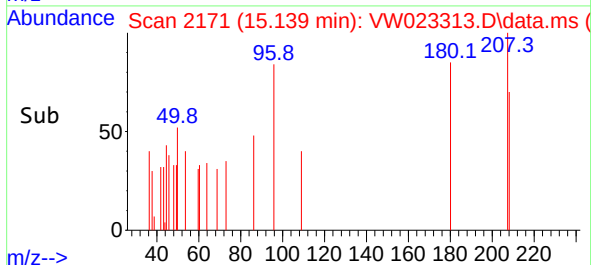
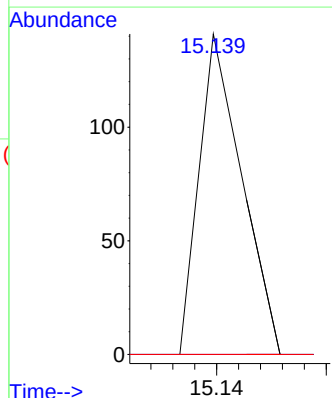
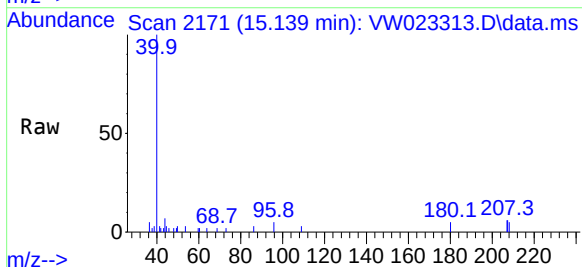
RT: 15.139 min Scan# 2171

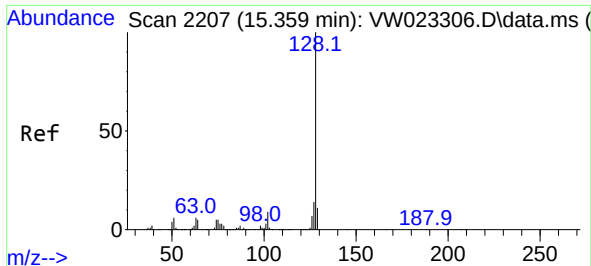
Delta R.T. 0.012 min

Lab File: VW023313.D

Acq: 25 May 2022 11:59

Tgt Ion:180	Resp:	76
Ion	Ratio	Lower Upper
180	100	
182	78.9	74.9 112.3
145	56.6	26.6 39.8#

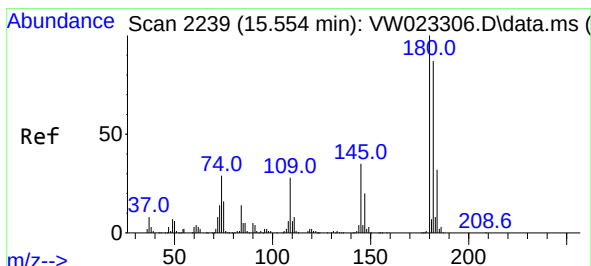
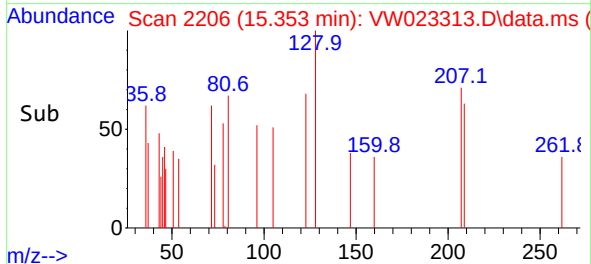
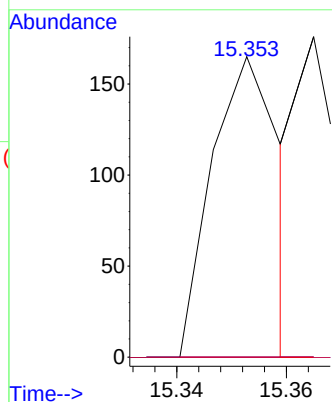
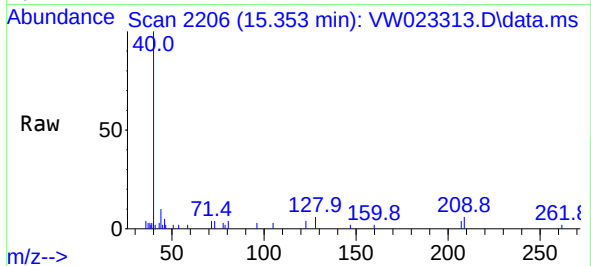




#71
Naphthalene
Concen: 8.805 ug/L
RT: 15.353 min Scan# 2206
Delta R.T. -0.006 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Instrument :
MSVOA_W
ClientSampleId :
VIBLK481

Tgt Ion:	128	Resp:	145
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#



#72
1,2,3-Trichlorobenzene
Concen: 16.082 ug/L
RT: 15.566 min Scan# 2241
Delta R.T. 0.012 min
Lab File: VW023313.D
Acq: 25 May 2022 11:59

Tgt Ion:	180	Resp:	108
Ion	Ratio	Lower	Upper
180	100		
182	0.0	73.5	110.3#
145	0.0	27.9	41.9#

