

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021490.D
 Acq On : 20 Dec 2021 11:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 16:35:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	124080	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	121710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	69044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45463	20.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
7) Chloroethane-d5	2.885	69	31828	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.019	63	81621	27.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.360%
21) 2-Butanone-d5	7.074	46	17781	55.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.640%
24) Chloroform-d	7.653	84	93002	26.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	8.305	65	49201	26.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	8.275	84	173791	26.050	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	9.274	67	47008	26.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	10.323	98	174161	25.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	10.579	79	21476	26.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.280%
47) 2-Hexanone-d5	10.927	63	14848	56.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	38588	25.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	63484	23.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	8621	17.982	ug/L	98
3) Chloromethane	2.215	50	32755	20.637	ug/L	99
5) Vinyl chloride	2.361	62	50933	20.441	ug/L	97
6) Bromomethane	2.782	94	30894	19.116	ug/L	95
8) Chloroethane	2.922	64	24149	21.038	ug/L	100
9) Trichlorofluoromethane	3.263	101	37565	28.573	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	44534	25.992	ug/L	91
12) 1,1-Dichloroethene	4.038	96	39756	25.849	ug/L	85
13) Acetone	4.135	43	13685	47.922	ug/L	92
14) Carbon disulfide	4.385	76	96820	24.376	ug/L	99
15) Methyl Acetate	4.678	43	12939	26.260	ug/L	# 89
16) Methylene chloride	4.915	84	42140	20.554	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	41909	25.166	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	61853	26.893	ug/L	94
19) 1,1-Dichloroethane	6.220	63	70094	26.823	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	45553	25.934	ug/L	81
22) 2-Butanone	7.171	43	18712	50.175	ug/L	85
23) Bromochloromethane	7.519	128	21170	25.776	ug/L	# 64
25) Chloroform	7.677	83	79535	26.219	ug/L	98

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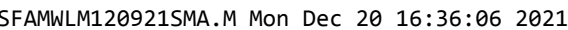
Instrument :
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 ClientSampleId :

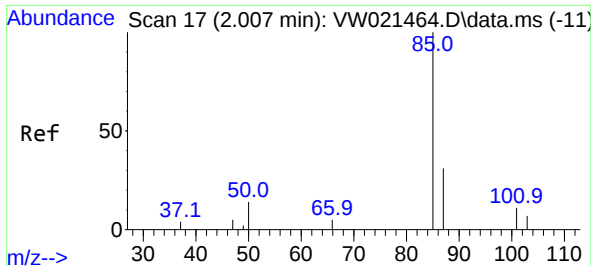
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 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	49145	25.583	ug/L	99
29) Cyclohexane	7.958	56	61591	25.424	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	74614	27.323	ug/L	93
31) Carbon tetrachloride	8.067	117	66685	26.471	ug/L	99
33) Benzene	8.323	78	165131	24.906	ug/L	100
34) Trichloroethene	9.092	95	47140	25.328	ug/L	88
35) Methylcyclohexane	9.335	83	76222	24.827	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	37186	25.144	ug/L #	96
38) Bromodichloromethane	9.646	83	55584	27.336	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	62733	26.909	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41069	50.965	ug/L #	91
42) Toluene	10.384	91	192493	24.824	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54173	26.530	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	30385	25.102	ug/L	96
46) Tetrachloroethene	10.866	164	41874	23.684	ug/L	94
48) 2-Hexanone	10.969	43	30138	51.574	ug/L #	92
49) Dibromochloromethane	11.128	129	39090	26.196	ug/L	100
50) 1,2-Dibromoethane	11.238	107	29907	24.827	ug/L	99
51) Chlorobenzene	11.658	112	126428	24.353	ug/L	94
52) Ethylbenzene	11.731	91	214741	24.234	ug/L	95
53) m,p-Xylene	11.841	106	87285	24.417	ug/L	89
54) o-Xylene	12.164	106	81250	23.950	ug/L	93
55) Styrene	12.176	104	138135	23.924	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	34005	24.507	ug/L	99
59) Bromoform	12.353	173	20798	25.316	ug/L #	99
60) Isopropylbenzene	12.463	105	229576	24.471	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	24365	24.247	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	196027	24.554	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	196419	24.941	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	106797	24.134	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	104099	23.677	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	90517	23.234	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4881	23.549	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	80414	24.313	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	63845	23.999	ug/L	91
71) Naphthalene	15.359	128	100513	23.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	51099	23.242	ug/L	97

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

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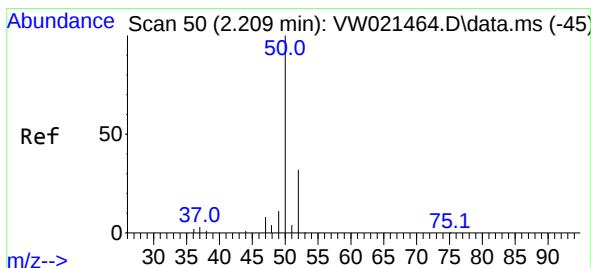
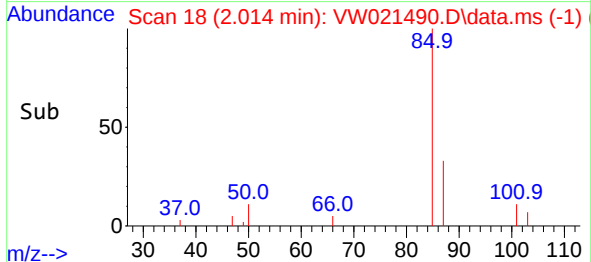
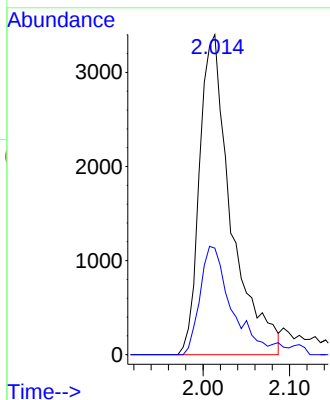
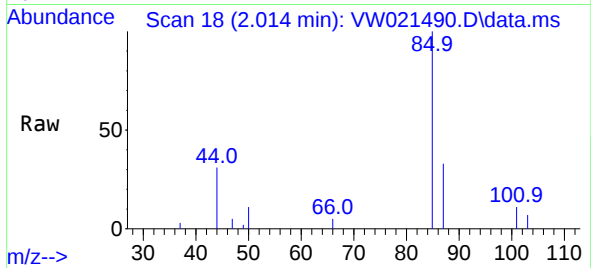




#2
 Dichlorodifluoromethane
 Concen: 17.982 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021490.D
 Acq: 20 Dec 2021 11:23

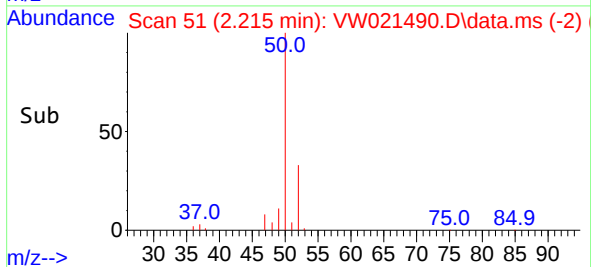
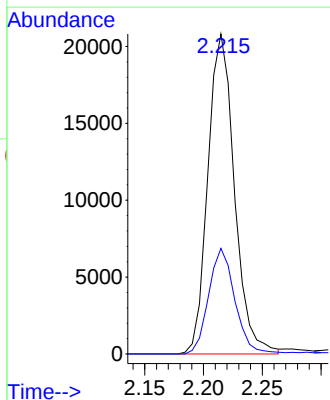
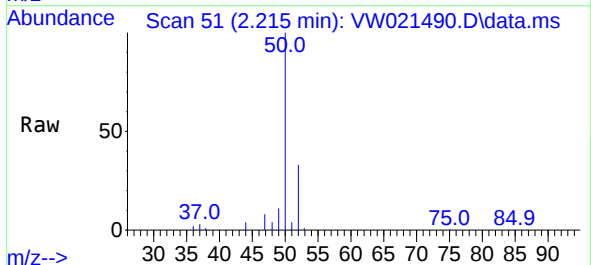
Instrument :
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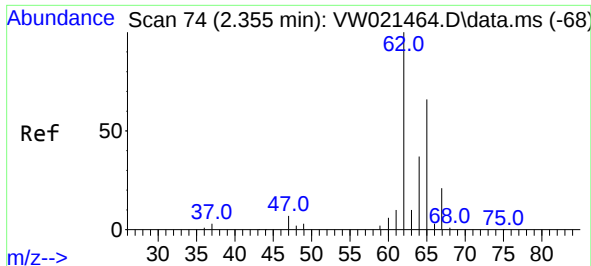
Tgt Ion: 85 Resp: 8621
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6



#3
 Chloromethane
 Concen: 20.637 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021490.D
 Acq: 20 Dec 2021 11:23

Tgt Ion: 50 Resp: 32755
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

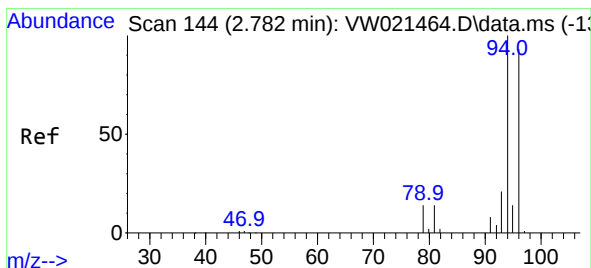
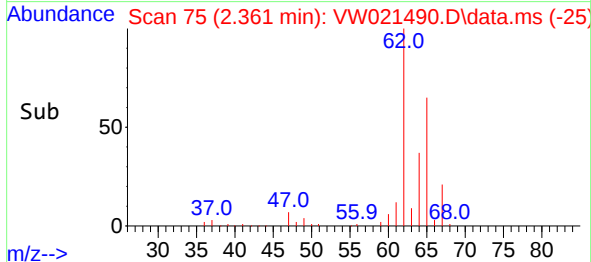
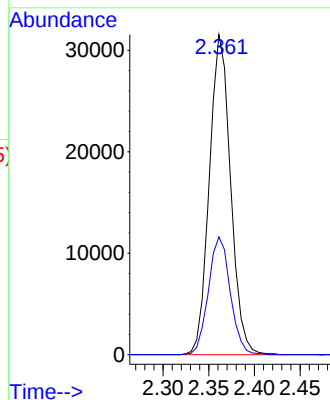
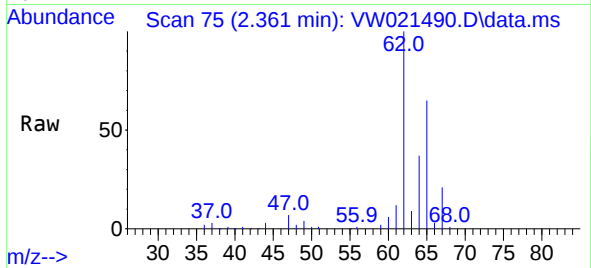




#5
 Vinyl chloride
 Concen: 20.441 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021490.D
 Acq: 20 Dec 2021 11:23

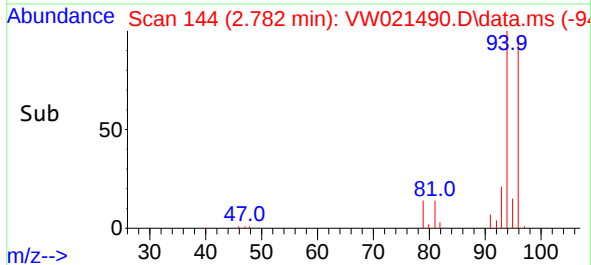
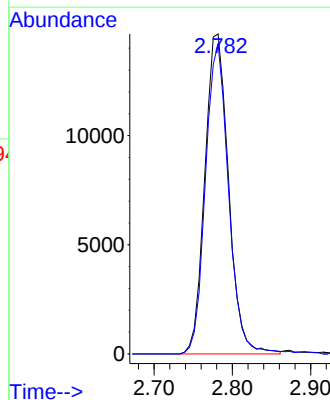
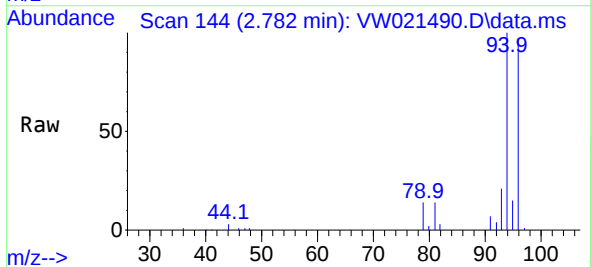
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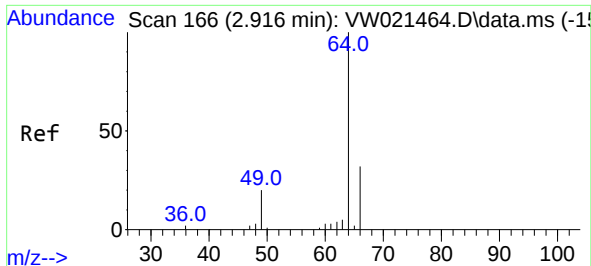
Tgt Ion: 62 Resp: 50933
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.4 45.2



#6
 Bromomethane
 Concen: 19.116 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021490.D
 Acq: 20 Dec 2021 11:23

Tgt Ion: 94 Resp: 30894
 Ion Ratio Lower Upper
 94 100
 96 96.9 64.8 120.4





#8

Chloroethane

Concen: 21.038 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

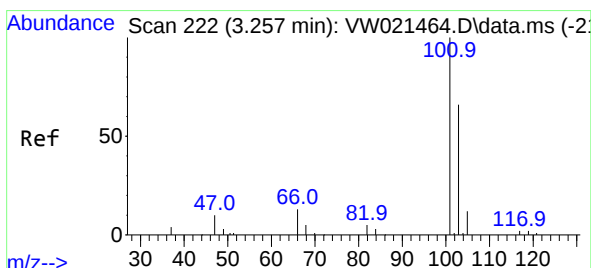
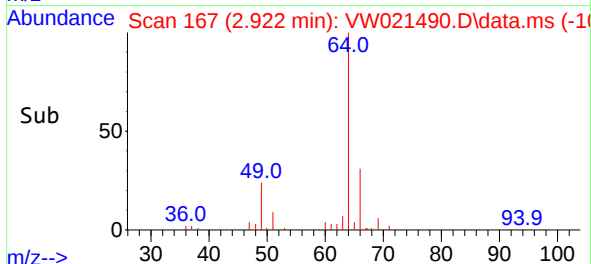
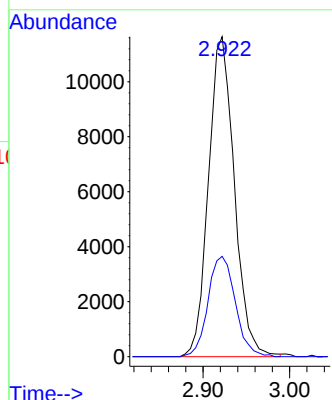
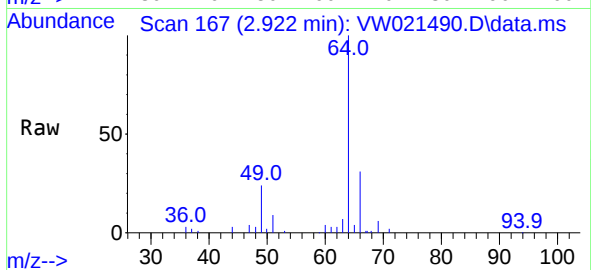
ClientSampleId :

Tgt Ion: 64 Resp: 24149

Ion Ratio Lower Upper

64 100

66 31.4 22.0 40.8



#9

Trichlorofluoromethane

Concen: 28.573 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.012 min

Lab File: VW021490.D

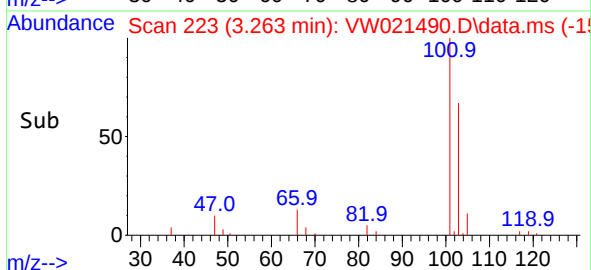
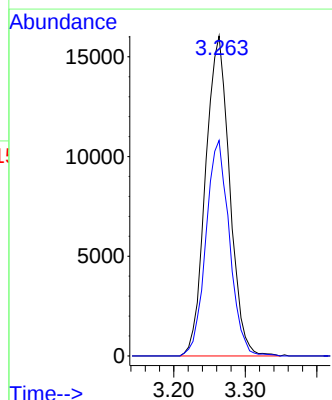
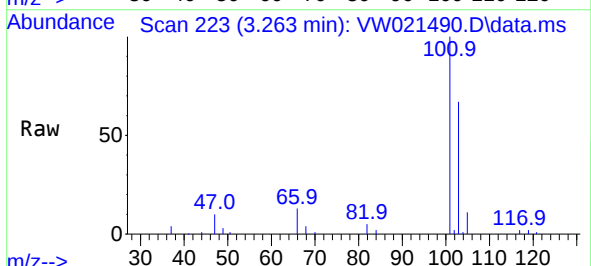
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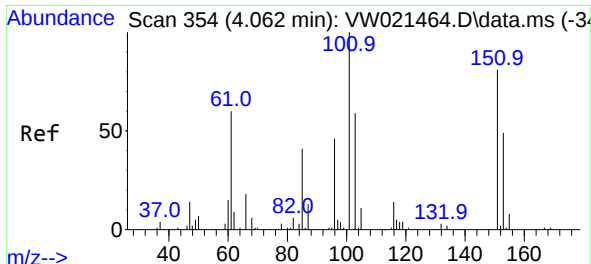
Tgt Ion:101 Resp: 37565

Ion Ratio Lower Upper

101 100

103 65.7 51.4 77.2

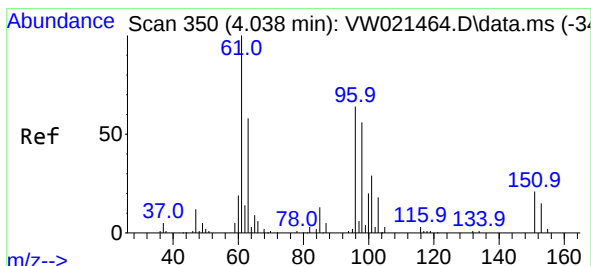
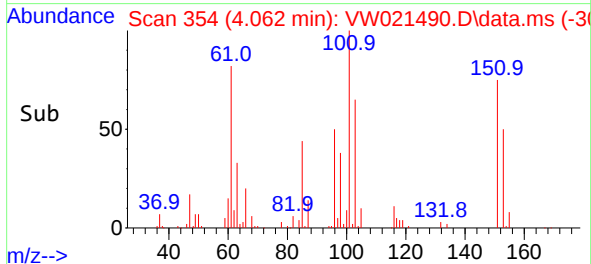
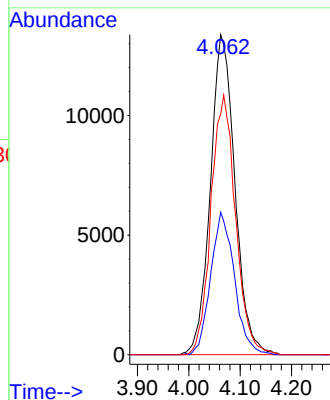
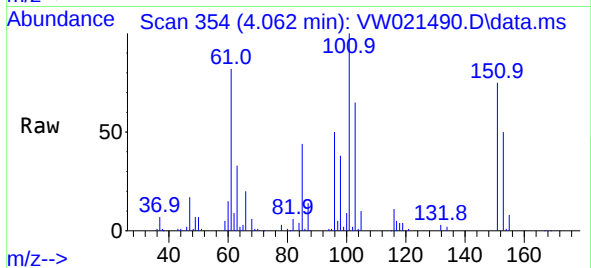




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.992 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

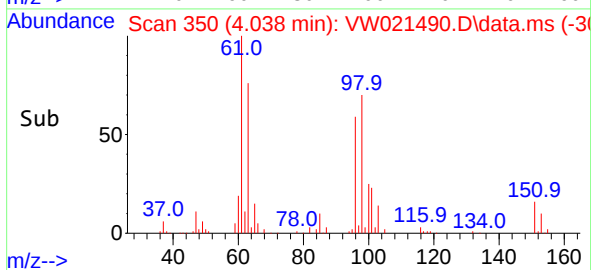
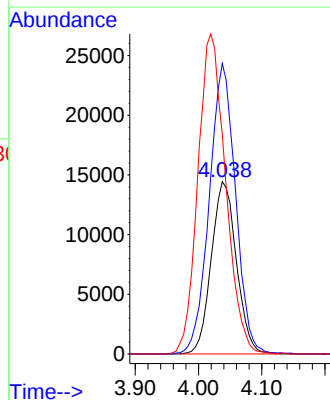
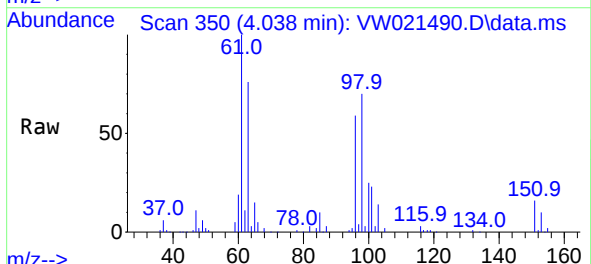
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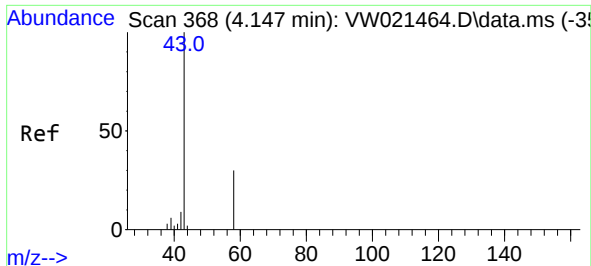
Tgt Ion:101 Resp: 44534
Ion Ratio Lower Upper
101 100
85 43.0 36.6 54.8
151 81.1 57.4 86.0



#12
1,1-Dichloroethene
Concen: 25.849 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 96 Resp: 39756
Ion Ratio Lower Upper
96 100
61 168.6 138.3 256.9
63 127.7 82.6 153.4

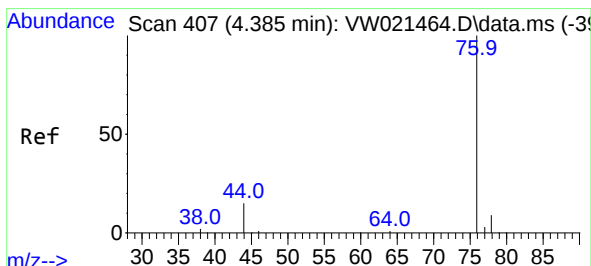
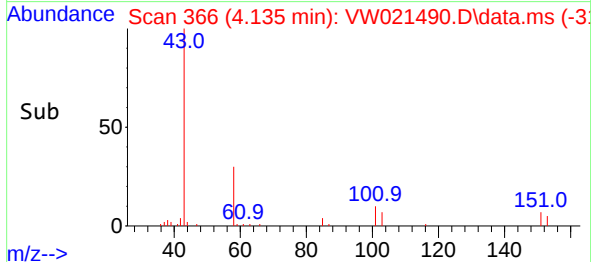
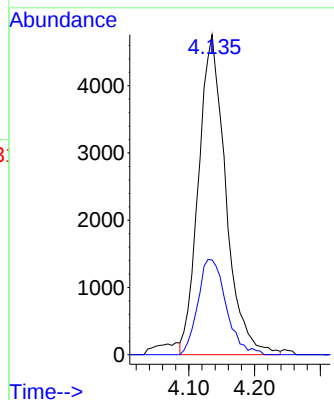
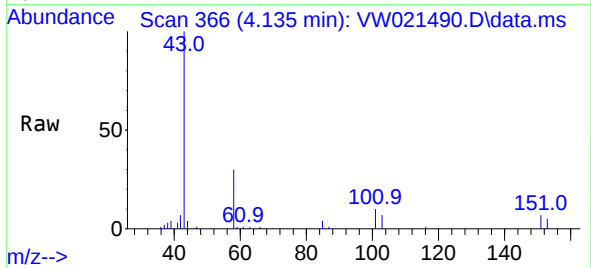




#13
Acetone
Concen: 47.922 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

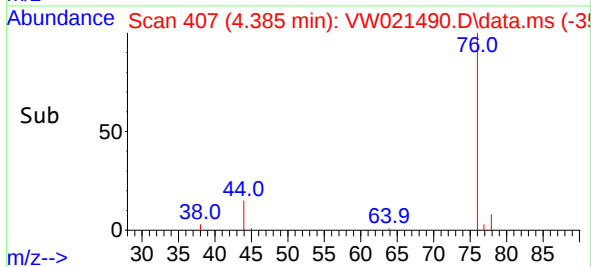
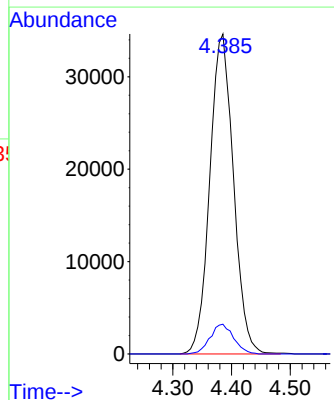
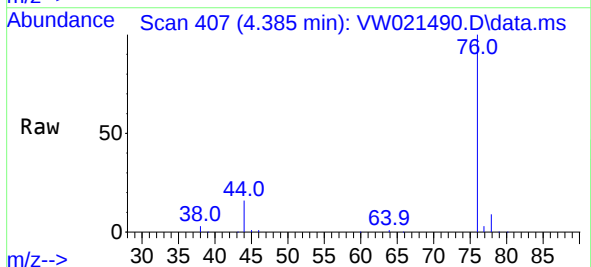
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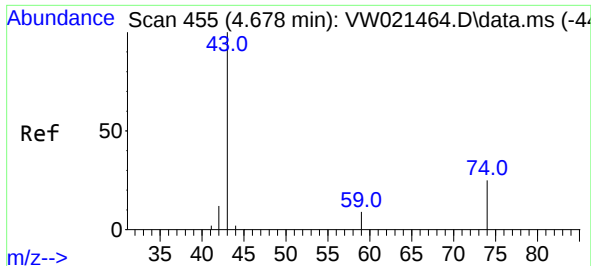
Tgt Ion: 43 Resp: 13685
Ion Ratio Lower Upper
43 100
58 30.4 0.0 52.8



#14
Carbon disulfide
Concen: 24.376 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 76 Resp: 96820
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

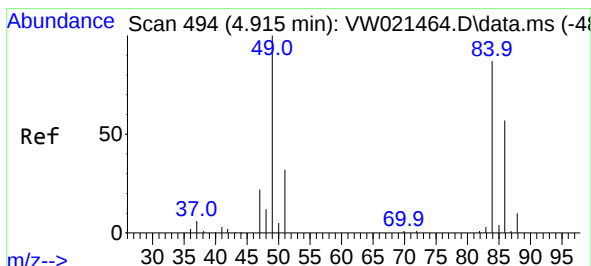
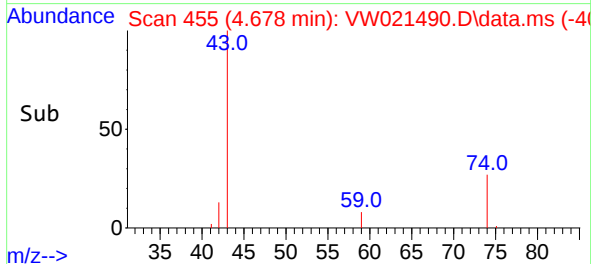
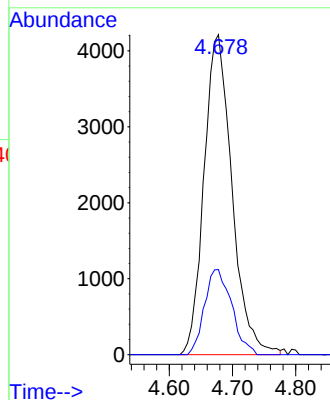
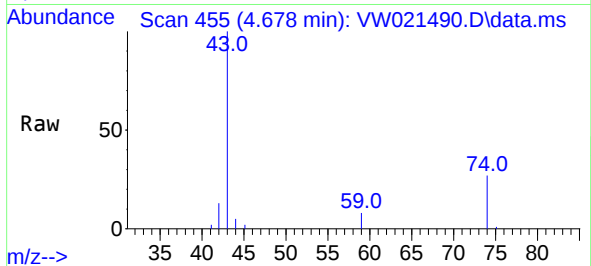




#15
Methyl Acetate
Concen: 26.260 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

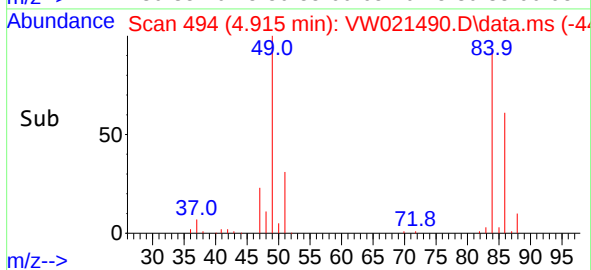
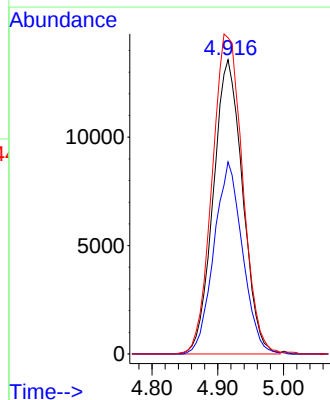
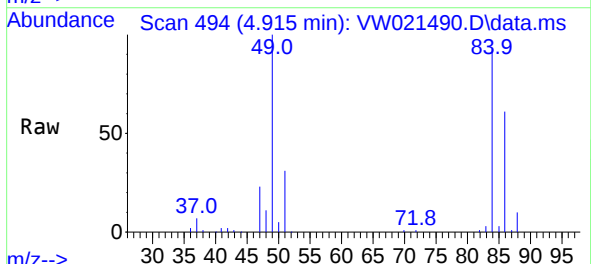
Instrument :
MSVOA_W
ClientSampleId :

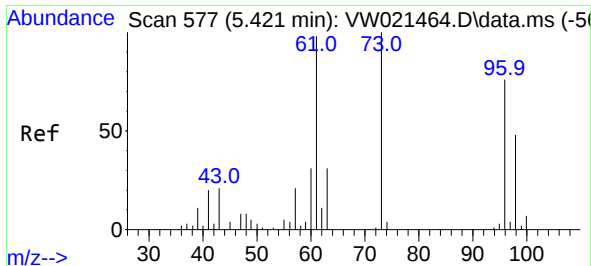
Tgt Ion: 43 Resp: 12939
Ion Ratio Lower Upper
43 100
74 25.8 16.4 24.6#



#16
Methylene chloride
Concen: 20.554 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 84 Resp: 42140
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 107.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 25.166 ug/L

RT: 5.428 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

ClientSampleId :

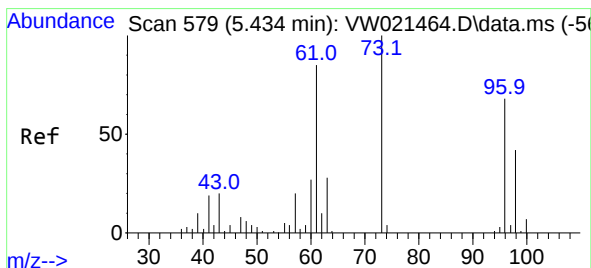
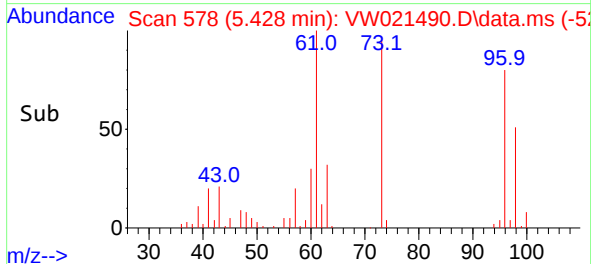
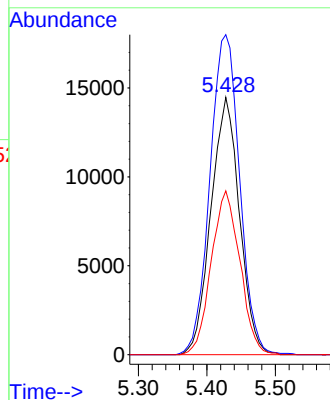
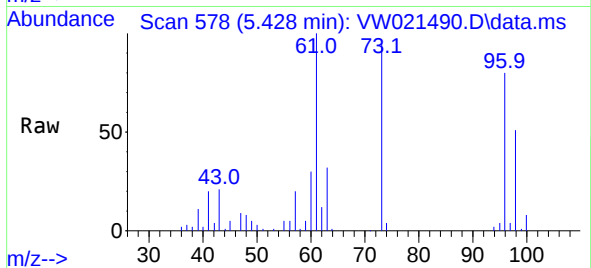
Tgt Ion: 96 Resp: 41909

Ion Ratio Lower Upper

96 100

61 124.4 107.4 199.4

98 63.7 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.893 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

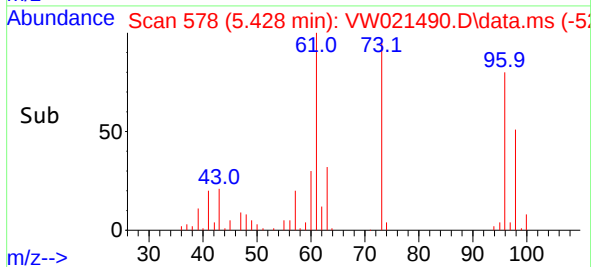
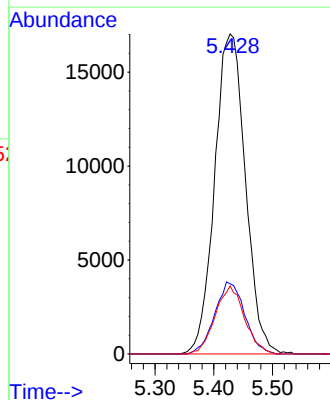
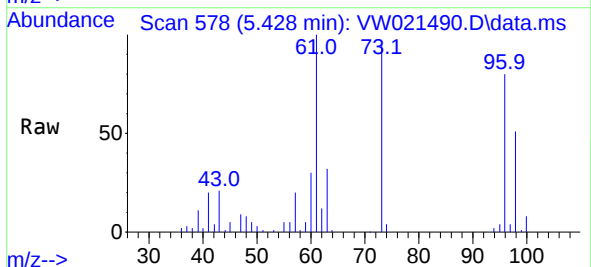
Tgt Ion: 73 Resp: 61853

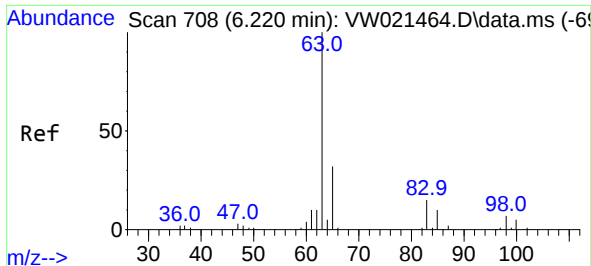
Ion Ratio Lower Upper

73 100

43 22.0 19.5 29.3

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.823 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

ClientSampleId :

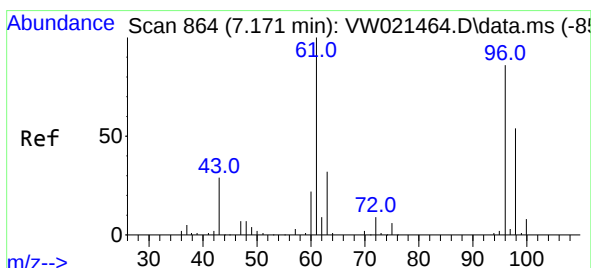
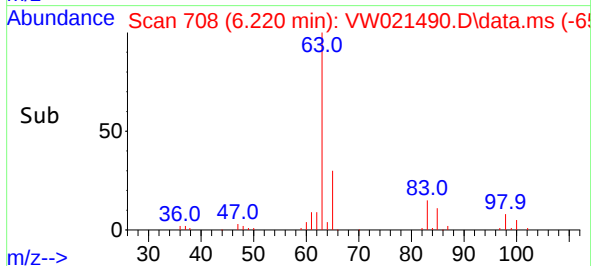
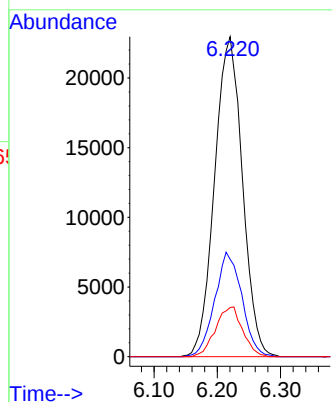
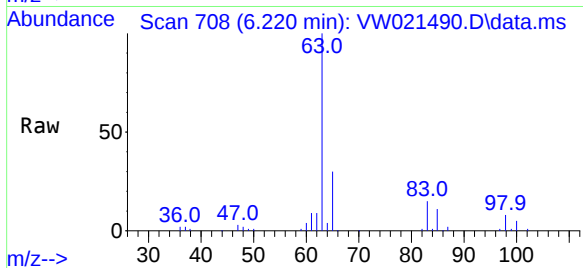
Tgt Ion: 63 Resp: 70094

Ion Ratio Lower Upper

63 100

65 30.4 22.1 41.1

83 15.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.934 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

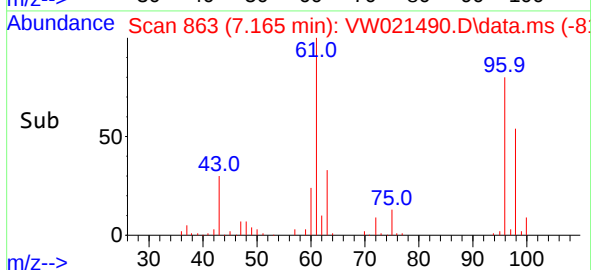
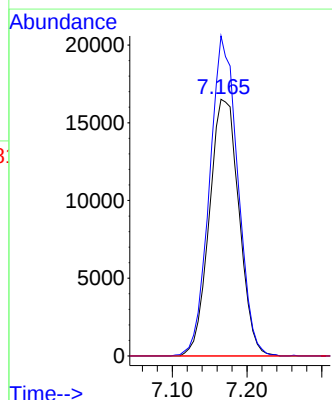
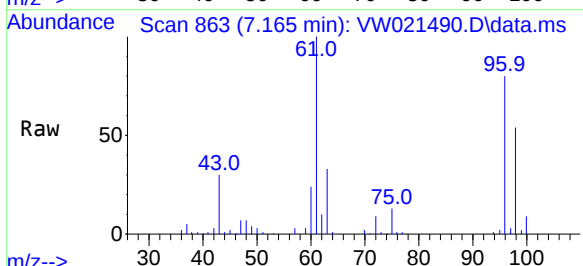
Tgt Ion: 96 Resp: 45553

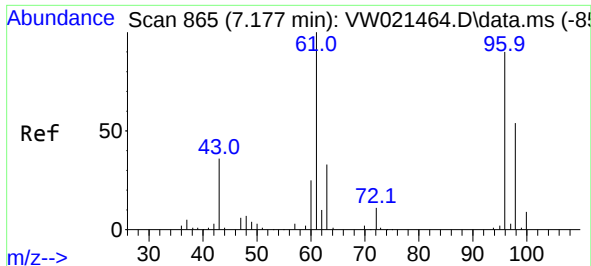
Ion Ratio Lower Upper

96 100

61 124.7 103.7 192.7

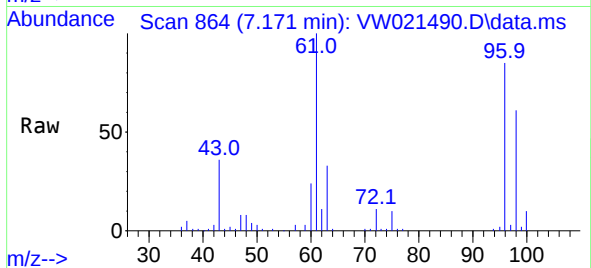
68 0.0 0.0 0.0



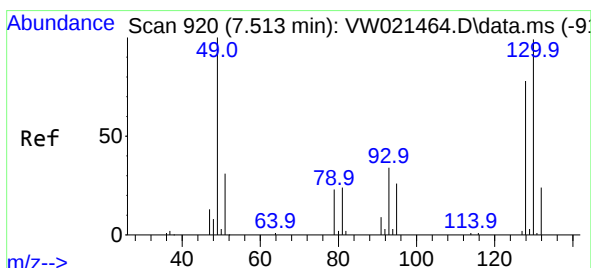
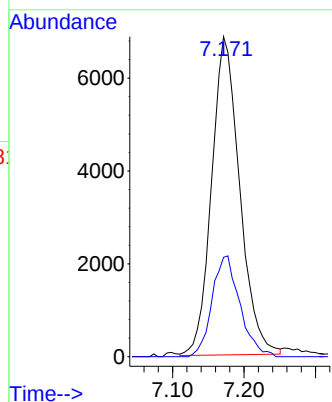


#22
2-Butanone
Concen: 50.175 ug/L
RT: 7.171 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Instrument :
MSVOA_W
ClientSampleId :

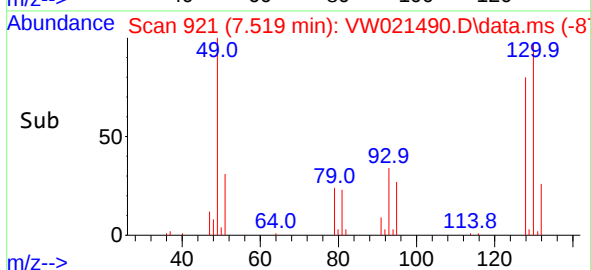
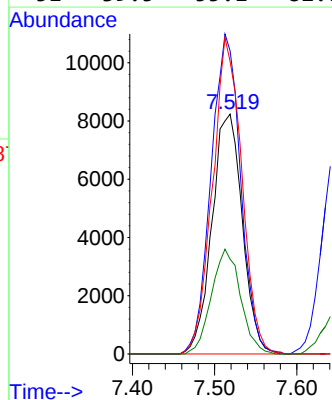
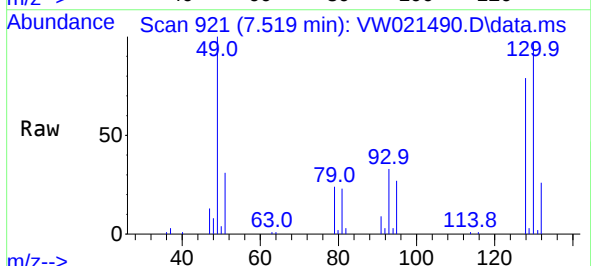


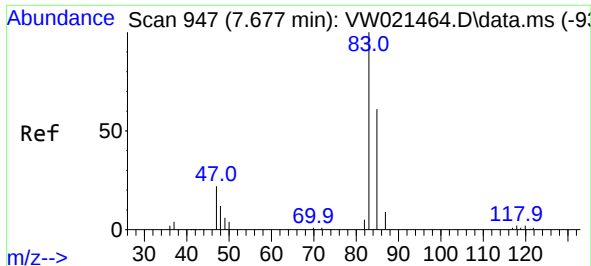
Tgt Ion: 43 Resp: 18712
Ion Ratio Lower Upper
43 100
72 30.9 11.8 35.4



#23
Bromochloromethane
Concen: 25.776 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 128 Resp: 21170
Ion Ratio Lower Upper
128 100
49 126.4 150.3 279.1#
130 121.9 88.3 163.9
51 39.5 55.1 82.7#

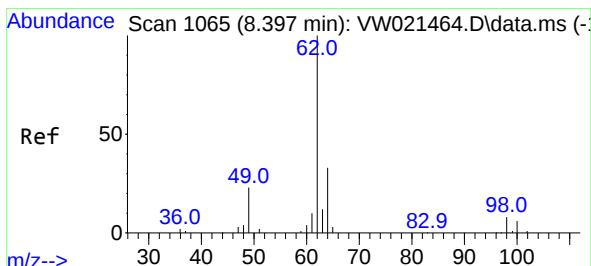
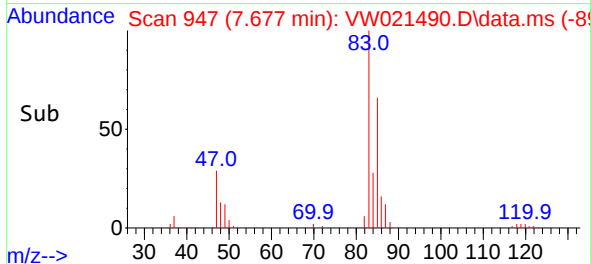
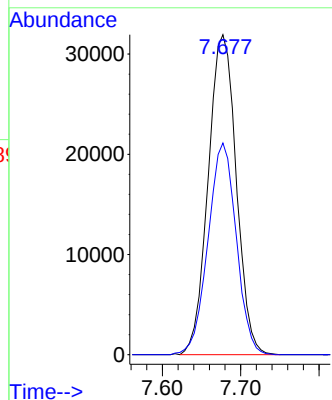
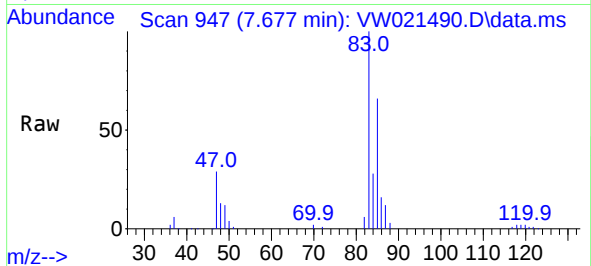




#25
Chloroform
Concen: 26.219 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

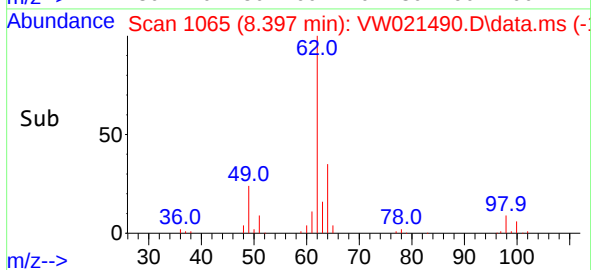
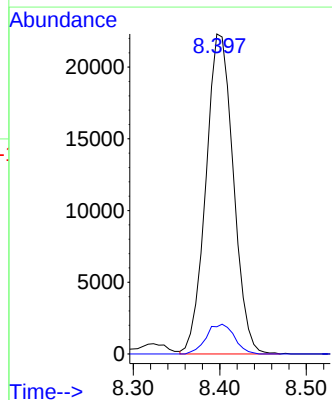
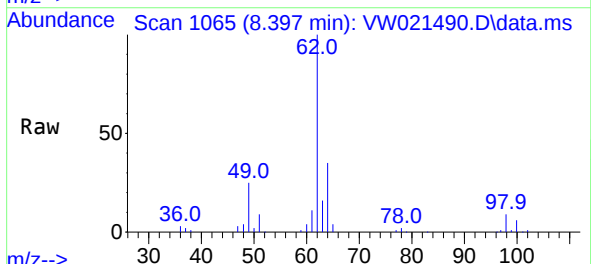
Instrument :
MSVOA_W
ClientSampleId :

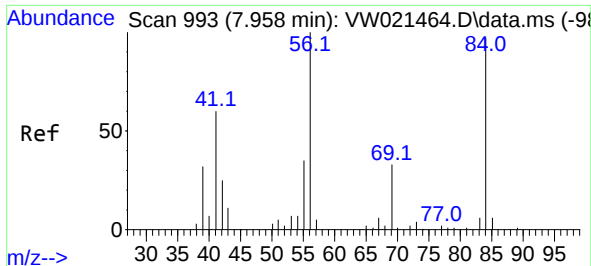
Tgt Ion: 83 Resp: 79535
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.583 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 62 Resp: 49145
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7

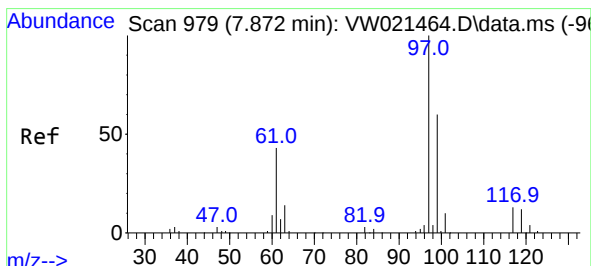
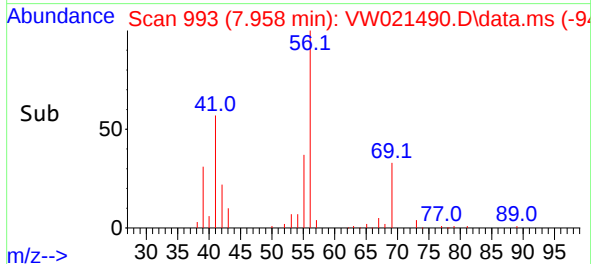
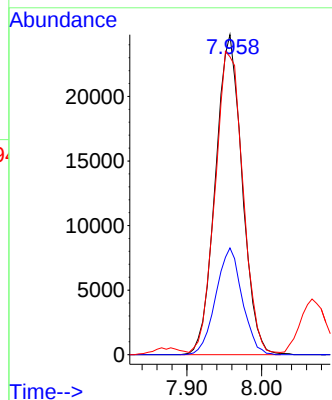
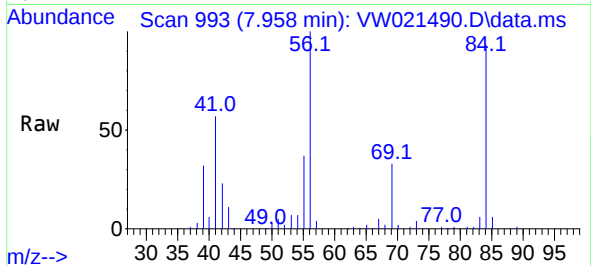




#29
Cyclohexane
Concen: 25.424 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

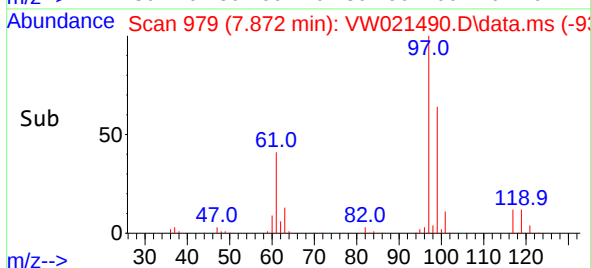
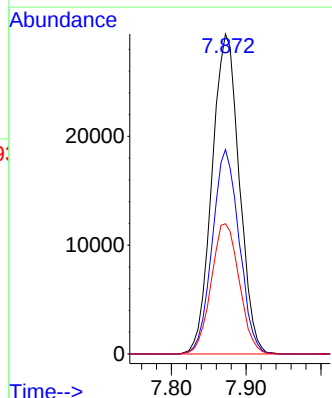
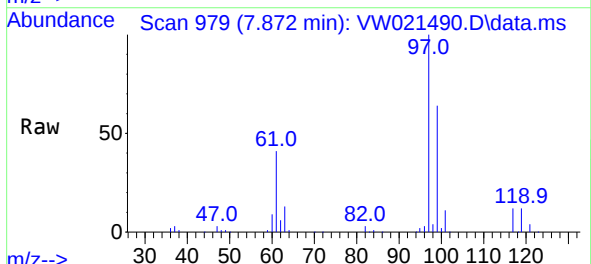
Instrument :
MSVOA_W
ClientSampleId :

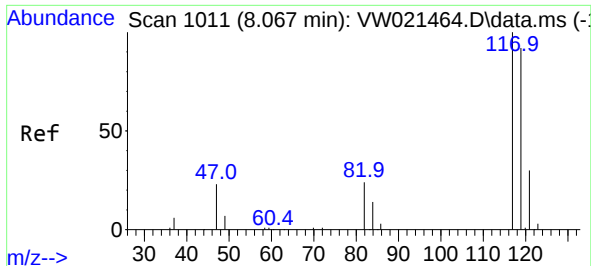
Tgt Ion: 56 Resp: 61591
Ion Ratio Lower Upper
56 100
69 32.9 23.5 35.3
84 99.2 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 27.323 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 97 Resp: 74614
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 41.9 40.9 61.3

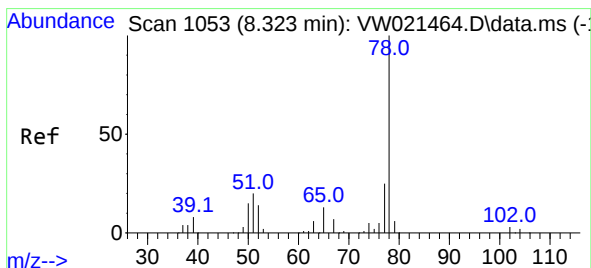
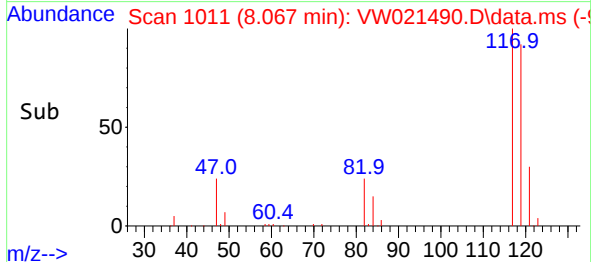
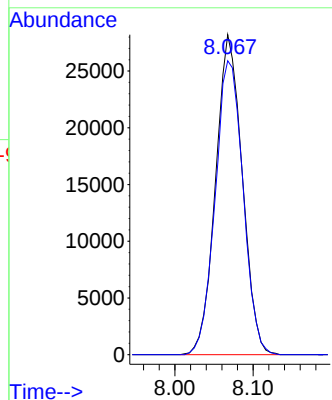
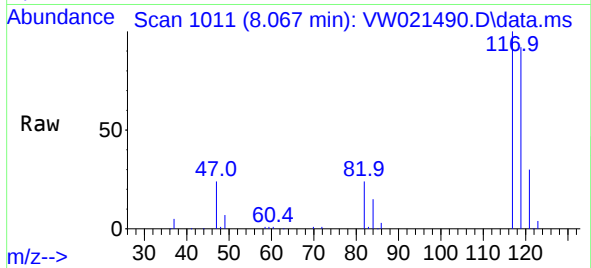




#31
Carbon tetrachloride
Concen: 26.471 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

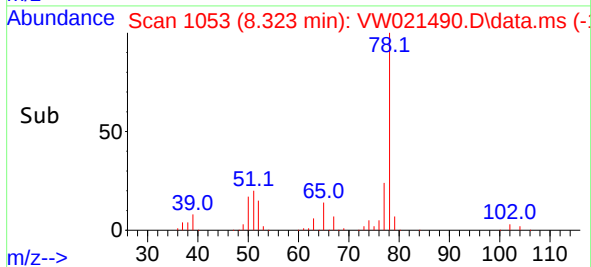
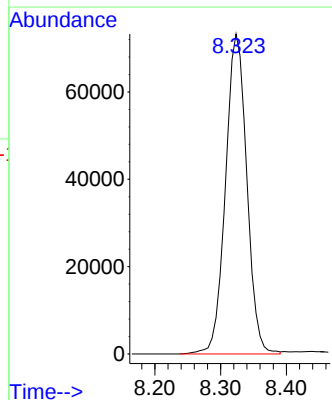
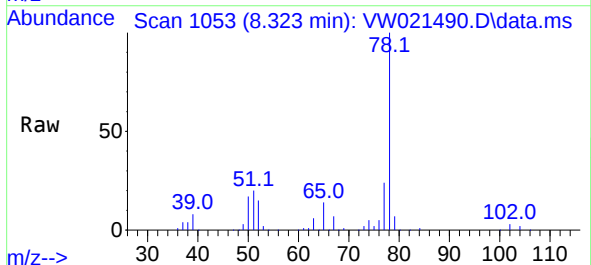
Instrument :
MSVOA_W
ClientSampleId :

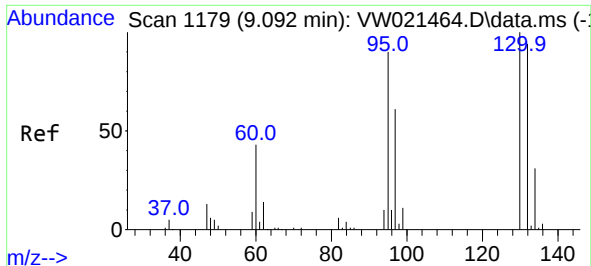
Tgt Ion:117 Resp: 66685
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#33
Benzene
Concen: 24.906 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

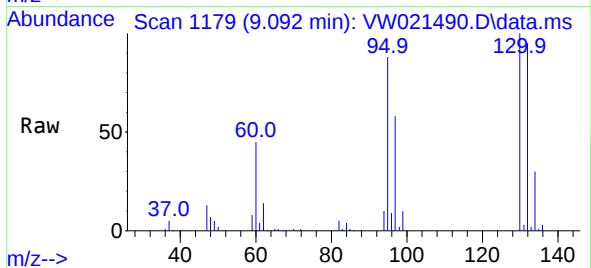
Tgt Ion: 78 Resp: 165131



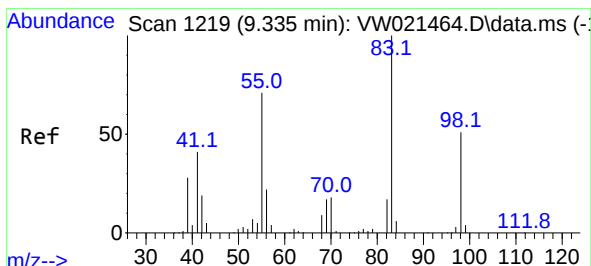
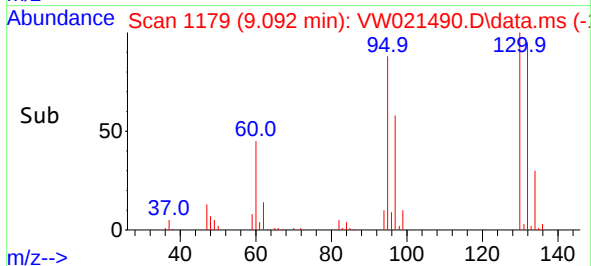
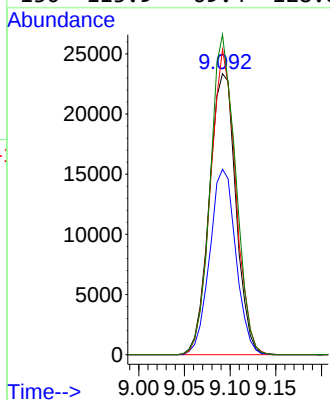


#34
Trichloroethene
Concen: 25.328 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Instrument :
MSVOA_W
ClientSampleId :

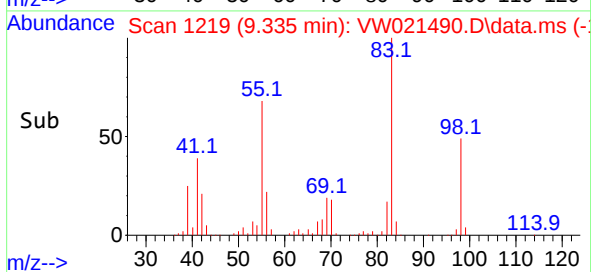
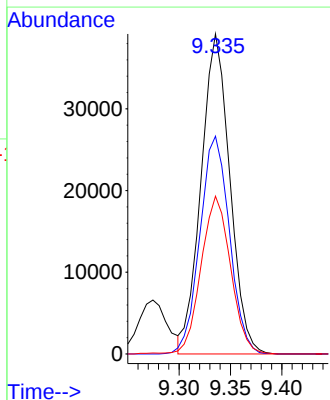
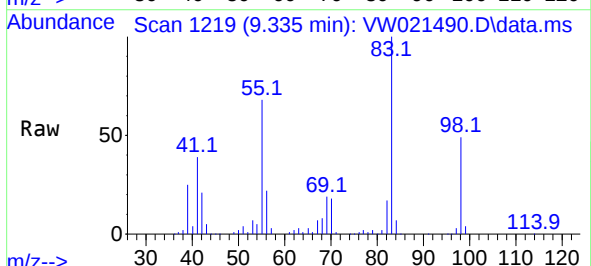


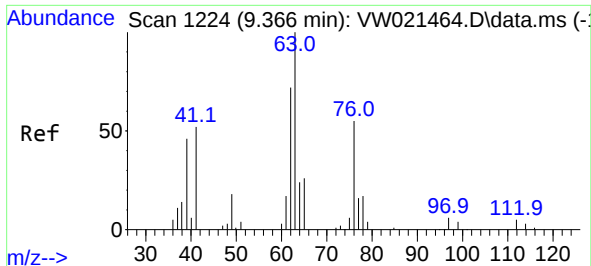
Tgt Ion: 95 Resp: 47140
Ion Ratio Lower Upper
95 100
97 66.0 47.0 87.2
132 108.7 65.5 121.6
130 113.9 69.4 128.8



#35
Methylcyclohexane
Concen: 24.827 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 83 Resp: 76222
Ion Ratio Lower Upper
83 100
55 69.9 70.8 106.2#
98 50.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.144 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

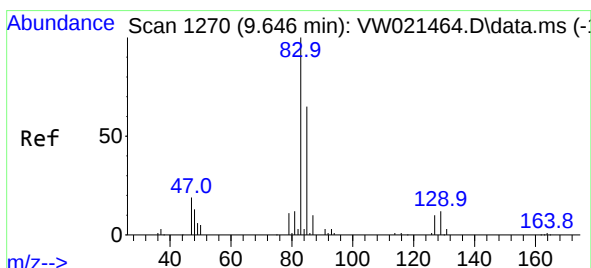
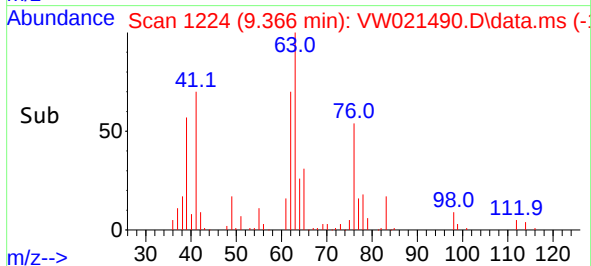
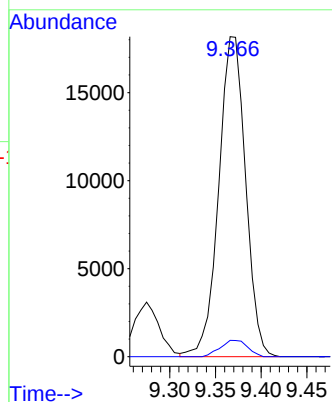
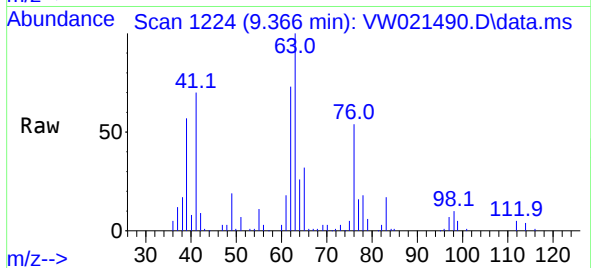
ClientSampleId :

Tgt Ion: 63 Resp: 37186

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 27.336 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

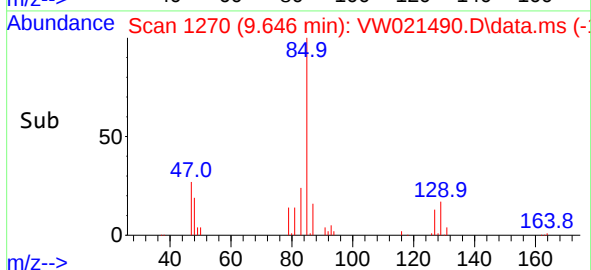
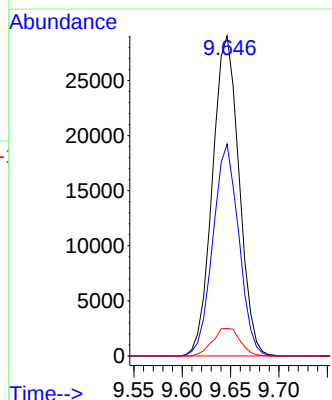
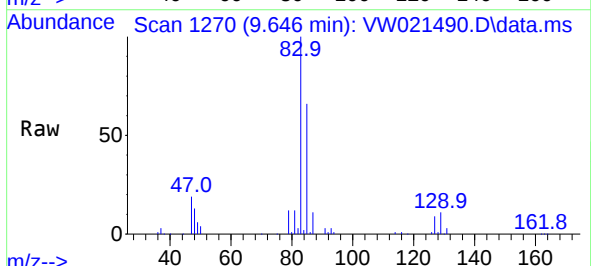
Tgt Ion: 83 Resp: 55584

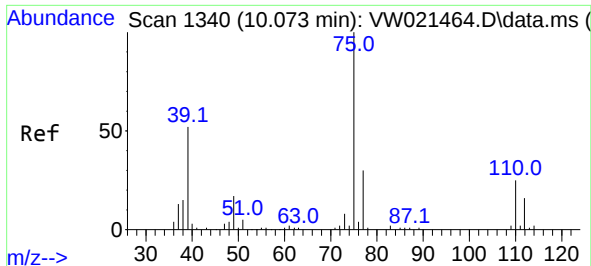
Ion Ratio Lower Upper

83 100

85 66.2 44.1 81.9

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.909 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

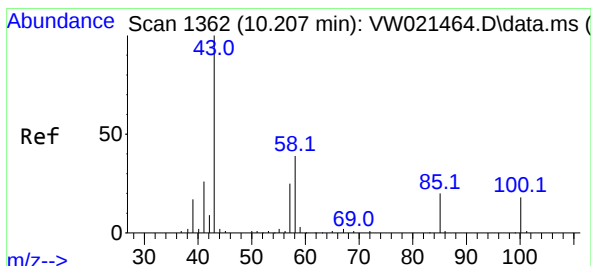
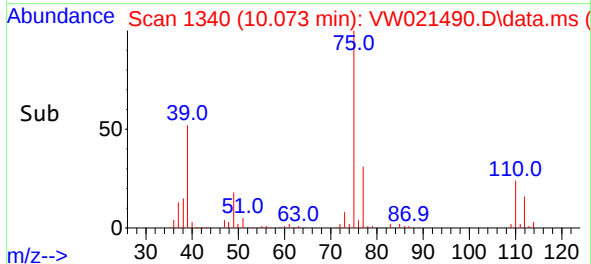
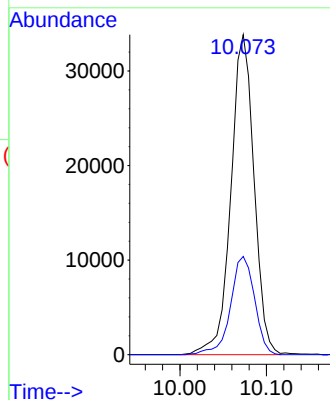
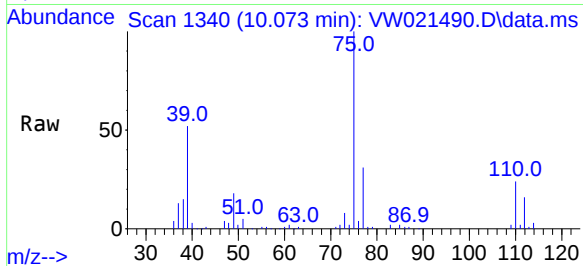
ClientSampleId :

Tgt Ion: 75 Resp: 62733

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.965 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

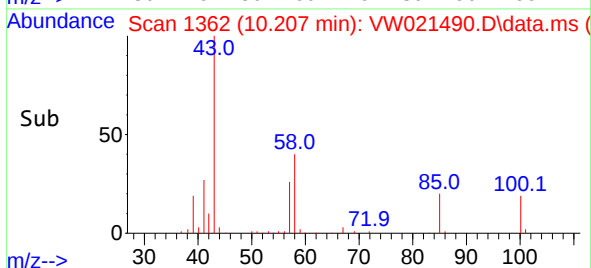
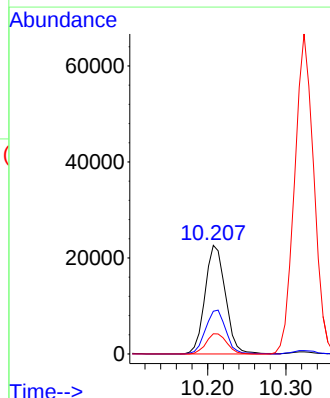
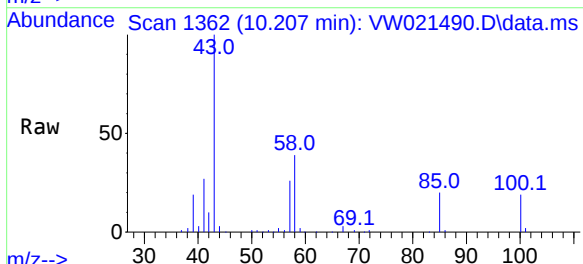
Tgt Ion: 43 Resp: 41069

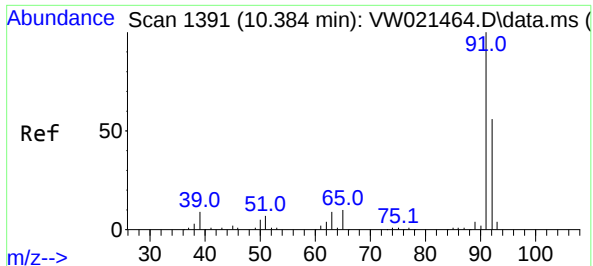
Ion Ratio Lower Upper

43 100

58 39.8 28.8 43.2

100 18.8 10.0 15.0#





#42

Toluene

Concen: 24.824 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

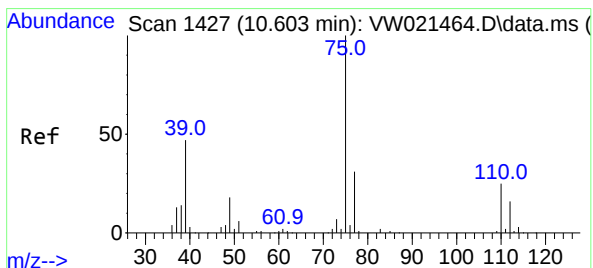
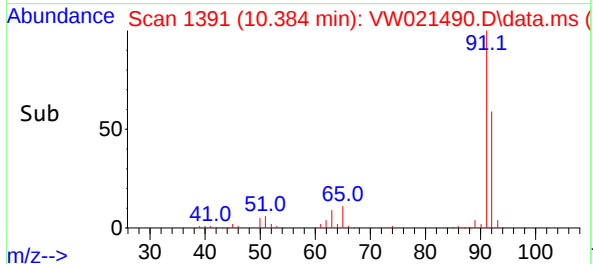
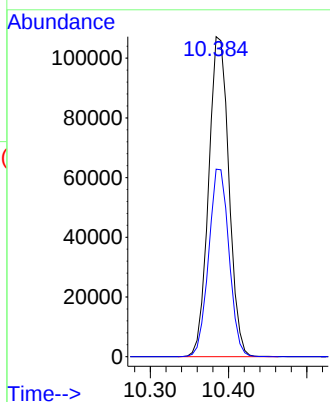
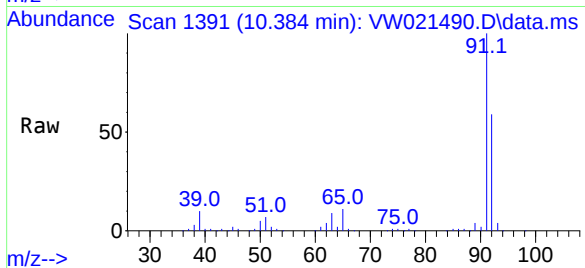
ClientSampleId :

Tgt Ion: 91 Resp: 192493

Ion Ratio Lower Upper

91 100

92 58.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.530 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021490.D

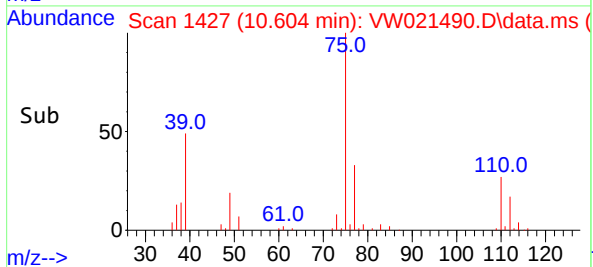
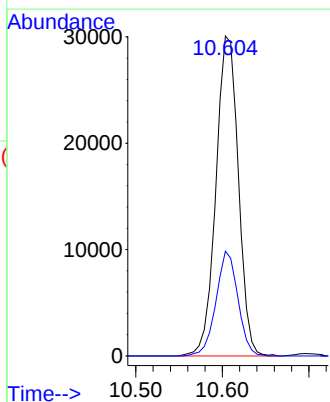
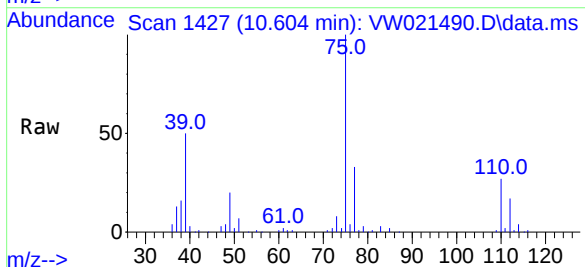
Acq: 20 Dec 2021 11:23

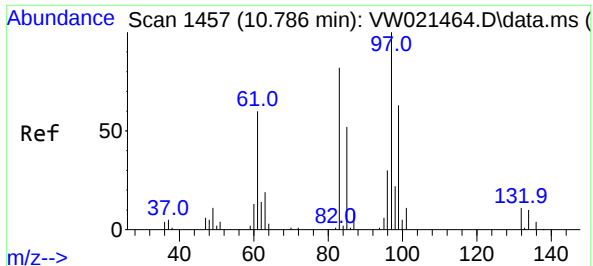
Tgt Ion: 75 Resp: 54173

Ion Ratio Lower Upper

75 100

77 32.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.102 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 30385

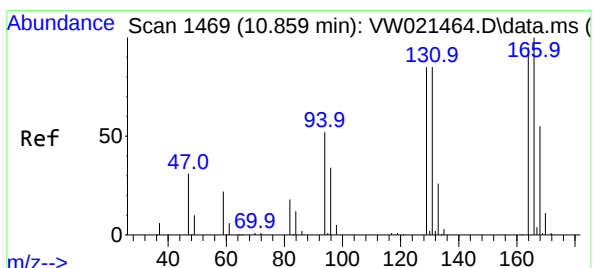
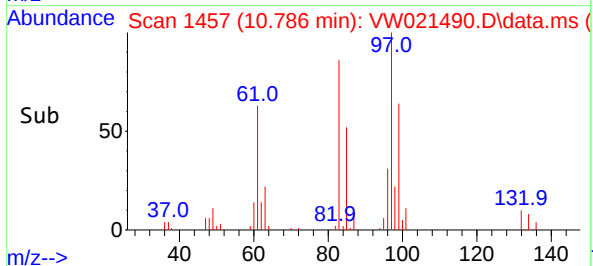
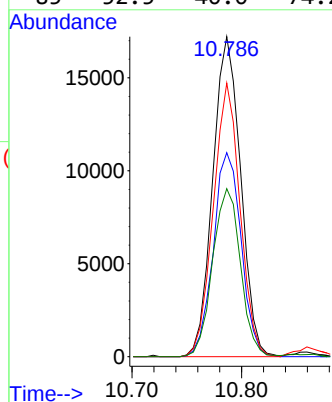
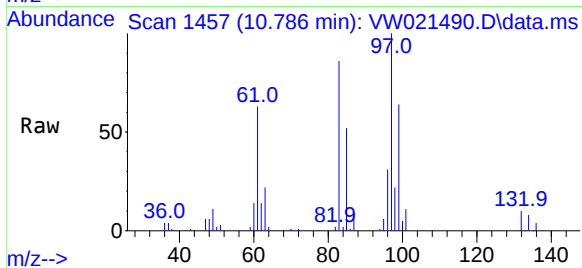
Ion Ratio Lower Upper

97 100

99 63.8 43.0 79.8

83 85.5 62.6 116.3

85 52.5 40.0 74.2



#46

Tetrachloroethene

Concen: 23.684 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Tgt Ion:164 Resp: 41874

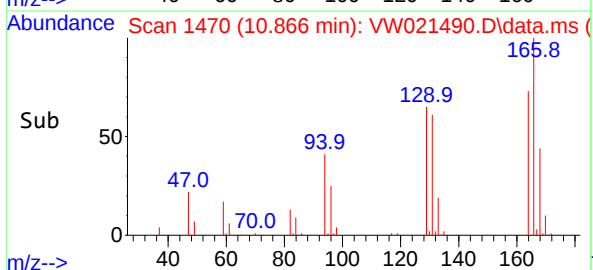
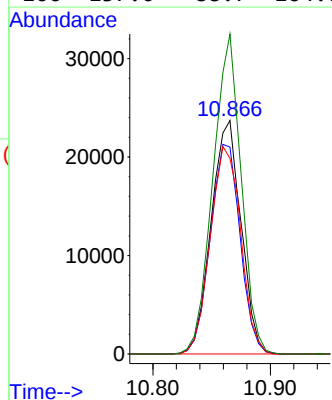
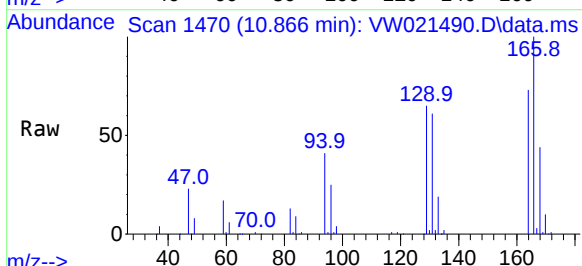
Ion Ratio Lower Upper

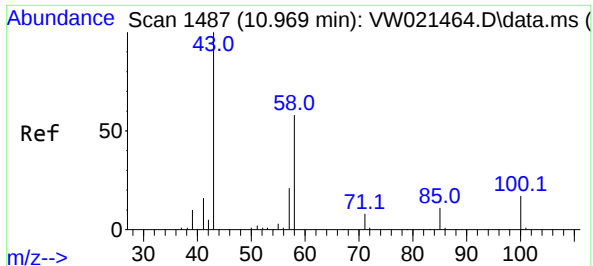
164 100

129 88.6 65.5 121.7

131 83.8 59.7 110.9

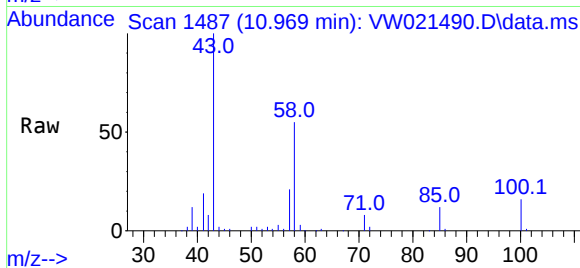
166 137.0 88.7 164.7



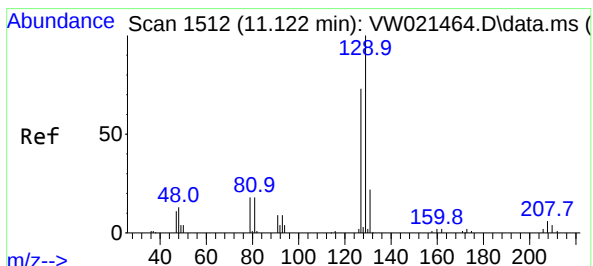
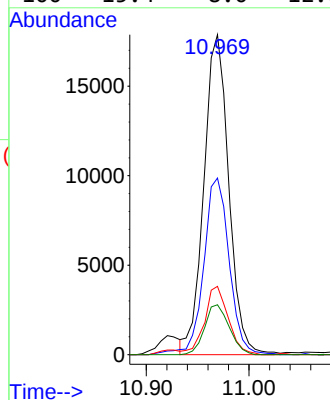
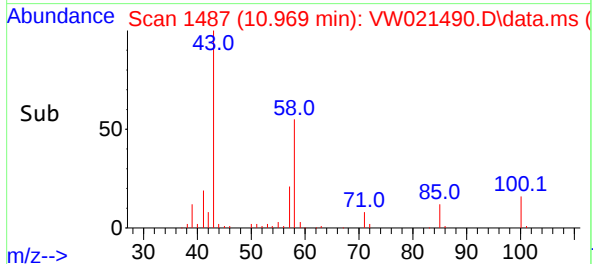


#48
2-Hexanone
Concen: 51.574 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

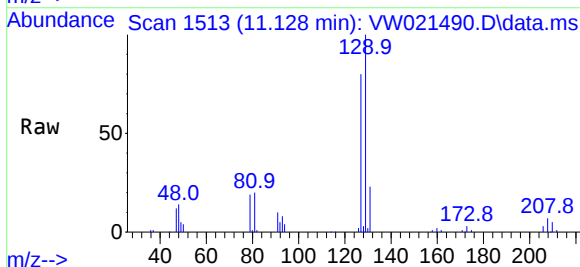
Instrument :
MSVOA_W
ClientSampleId :



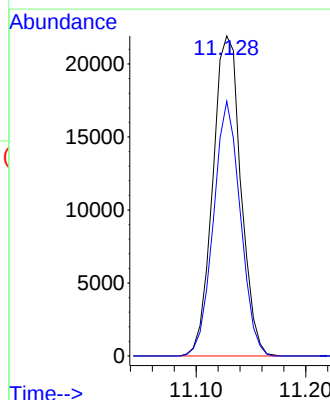
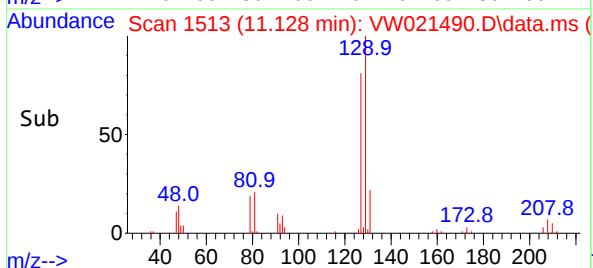
Tgt Ion: 43 Resp: 30138
Ion Ratio Lower Upper
43 100
58 55.4 40.2 60.2
57 20.4 14.3 21.5
100 15.4 8.0 12.0#

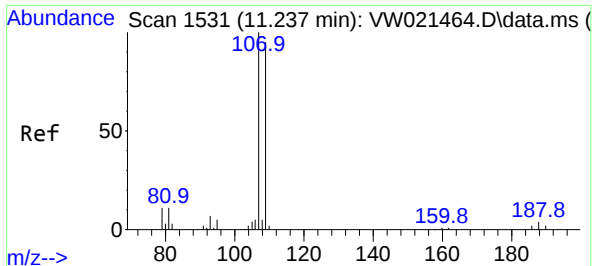


#49
Dibromochloromethane
Concen: 26.196 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23



Tgt Ion: 129 Resp: 39090
Ion Ratio Lower Upper
129 100
127 79.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.827 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021490.D

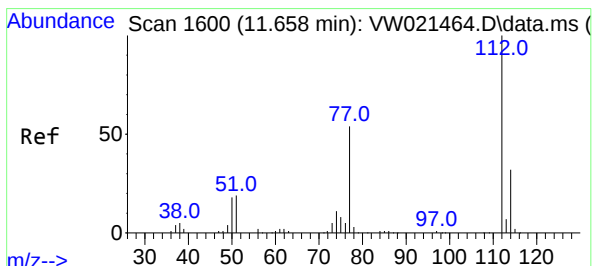
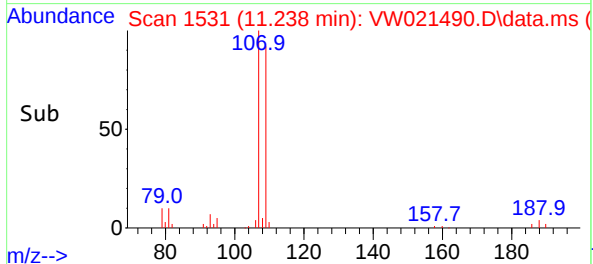
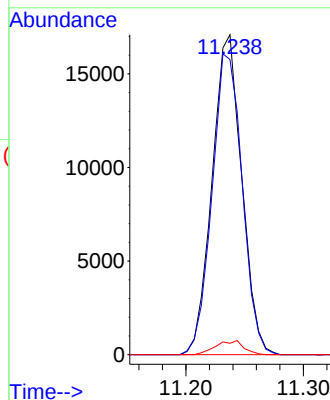
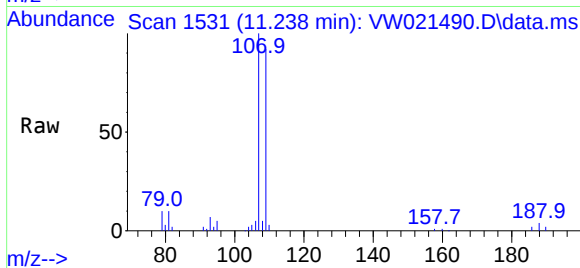
Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	29907
Ion	Ratio	Lower	Upper
107	100		
109	92.3	64.1	119.1
188	3.6	2.6	3.8



#51

Chlorobenzene

Concen: 24.353 ug/L

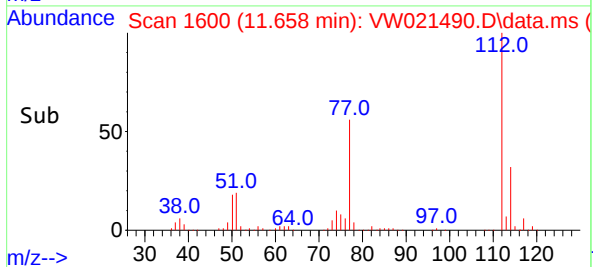
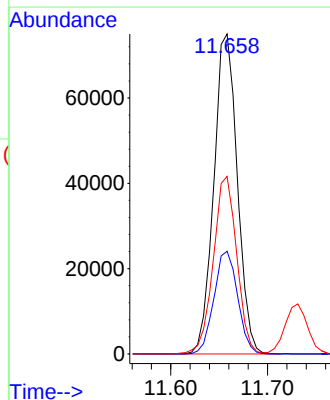
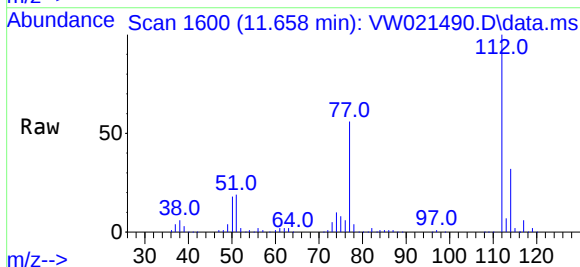
RT: 11.658 min Scan# 1600

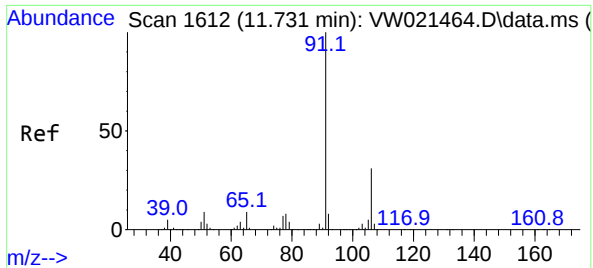
Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Tgt Ion:	112	Resp:	126428
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.4	41.6
77	55.5	50.2	75.4

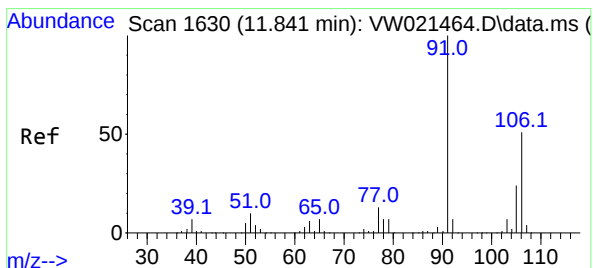
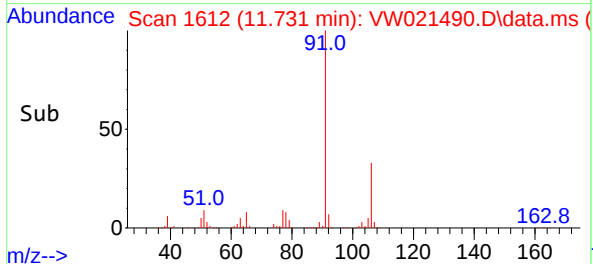
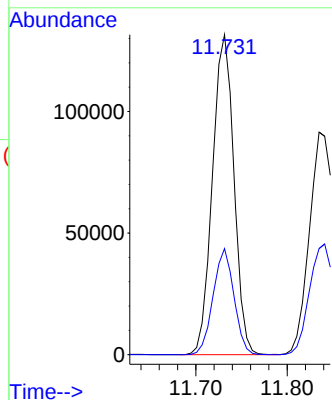
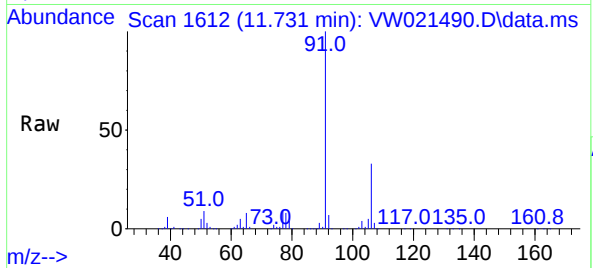




#52
Ethylbenzene
Concen: 24.234 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

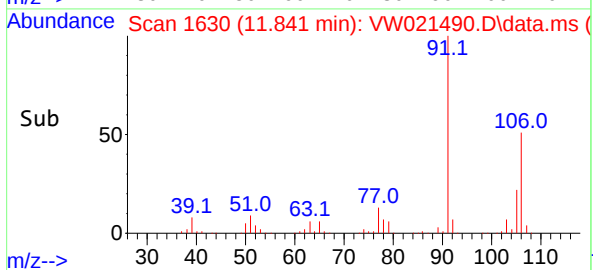
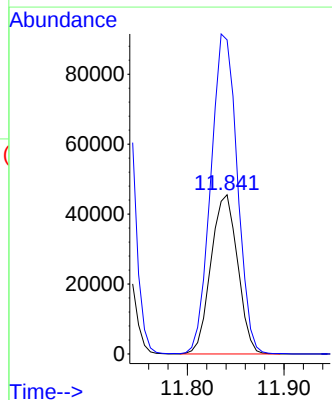
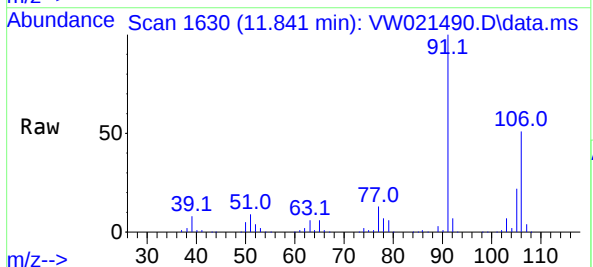
Instrument :
MSVOA_W
ClientSampleId :

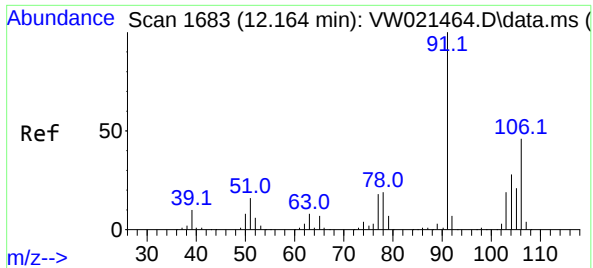
Tgt Ion: 91 Resp: 214741
Ion Ratio Lower Upper
91 100
106 33.2 21.5 39.9



#53
m,p-Xylene
Concen: 24.417 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion: 106 Resp: 87285
Ion Ratio Lower Upper
106 100
91 197.2 149.9 278.3

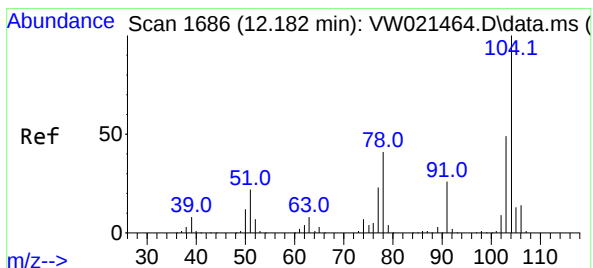
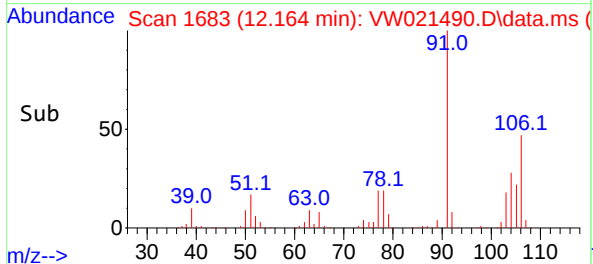
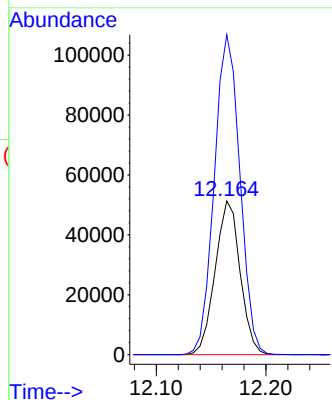
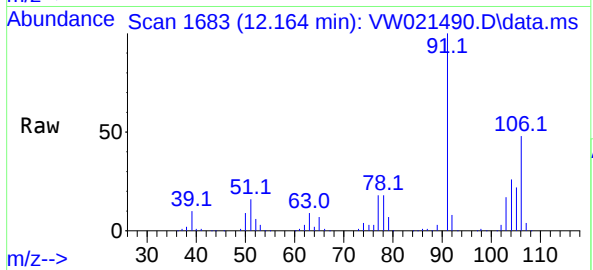




#54
o-Xylene
Concen: 23.950 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

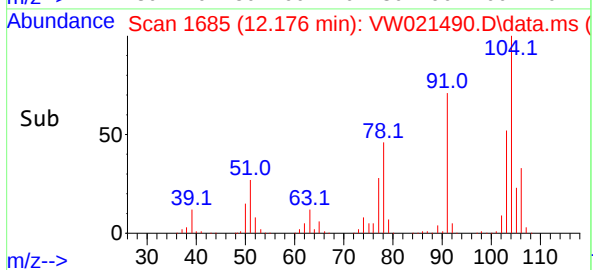
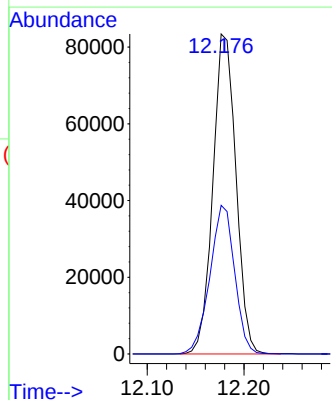
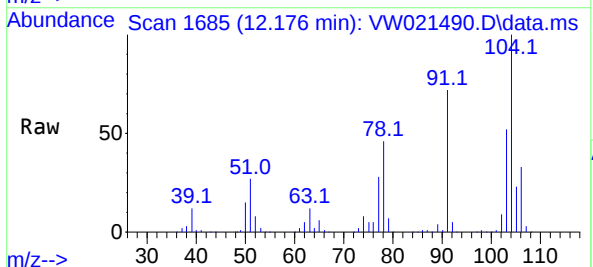
Instrument :
MSVOA_W
ClientSampleId :

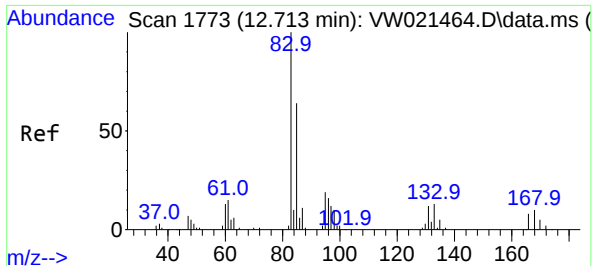
Tgt Ion:106 Resp: 81250
Ion Ratio Lower Upper
106 100
91 208.2 153.6 285.3



#55
Styrene
Concen: 23.924 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion:104 Resp: 138135
Ion Ratio Lower Upper
104 100
78 46.5 34.4 64.0

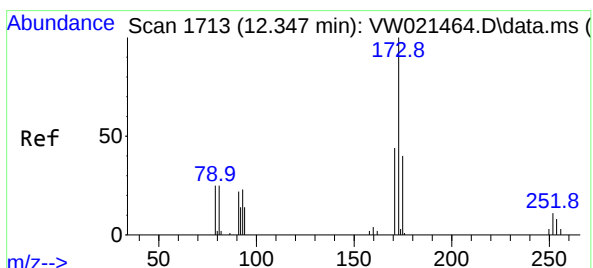
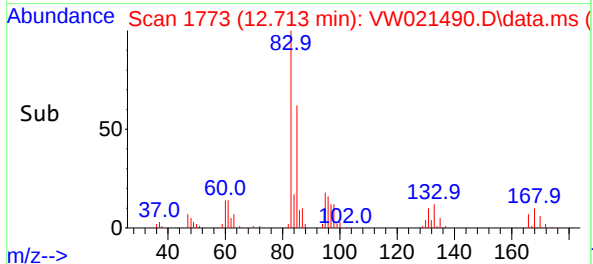
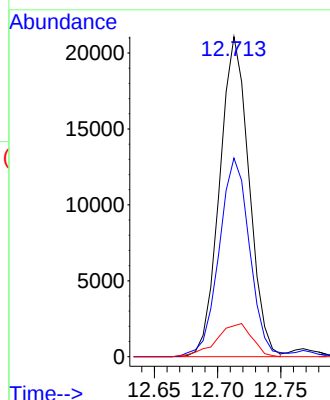
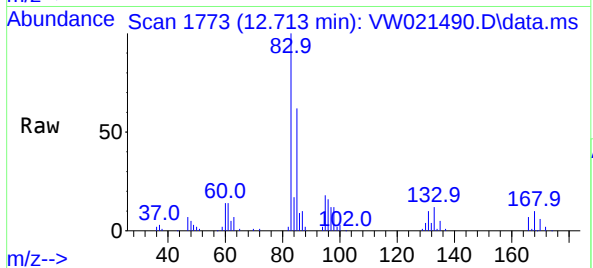




#57
1,1,2,2-Tetrachloroethane
Concen: 24.507 ug/L
RT: 12.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

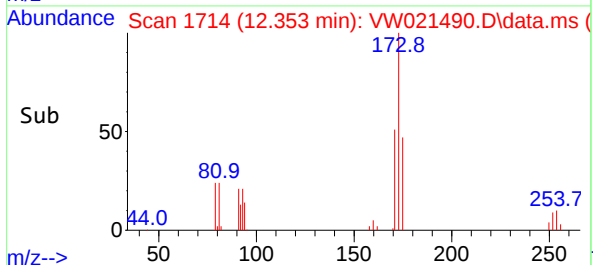
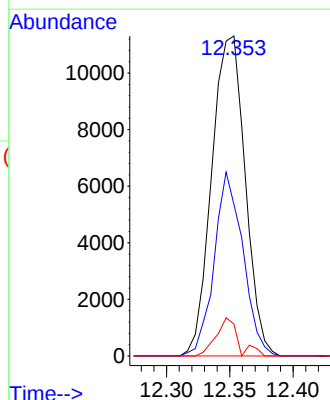
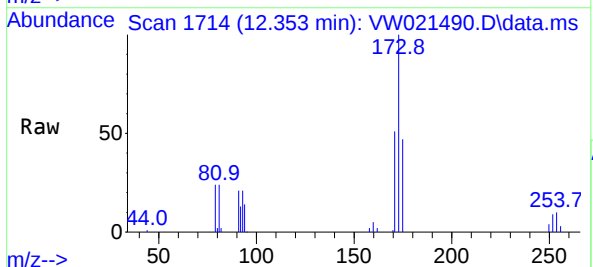
Instrument :
MSVOA_W
ClientSampleId :

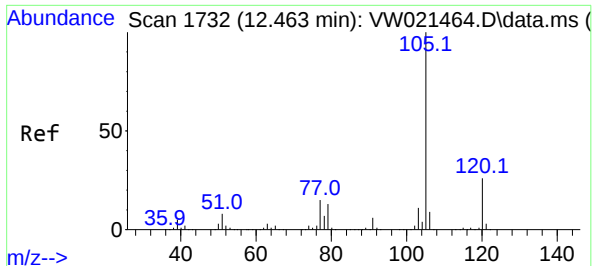
Tgt Ion:	83	Resp:	34005
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.0	81.6
131	9.7	6.9	10.3



#59
Bromoform
Concen: 25.316 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

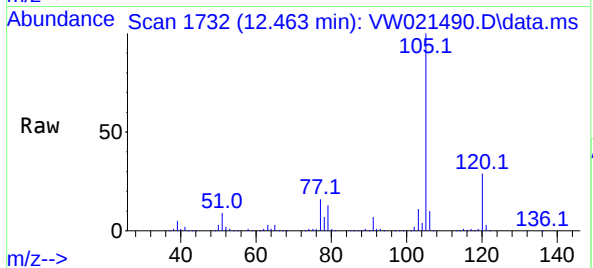
Tgt Ion:	173	Resp:	20798
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.6	59.4
254	6.8	7.4	11.0#



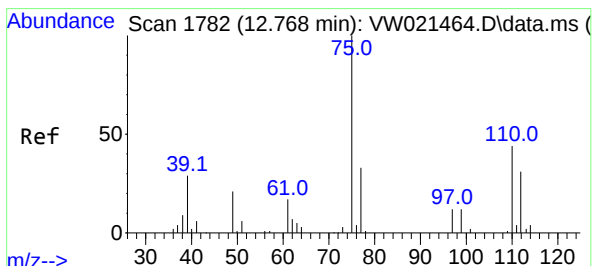
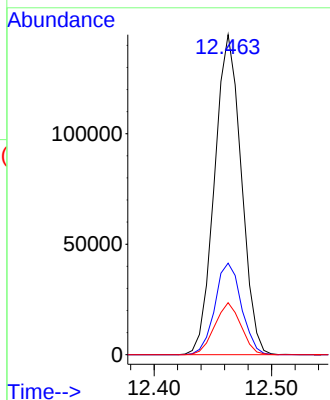
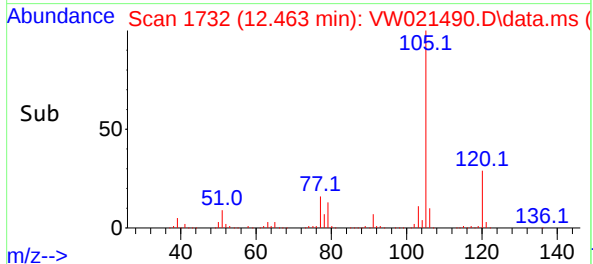


#60
Isopropylbenzene
Concen: 24.471 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

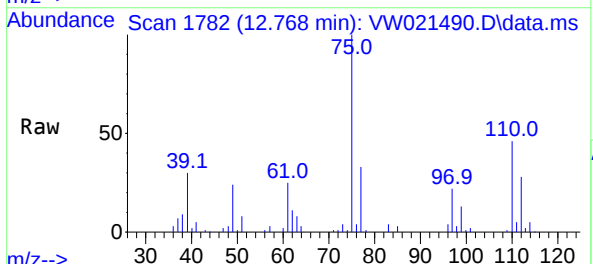
Instrument :
MSVOA_W
ClientSampleId :



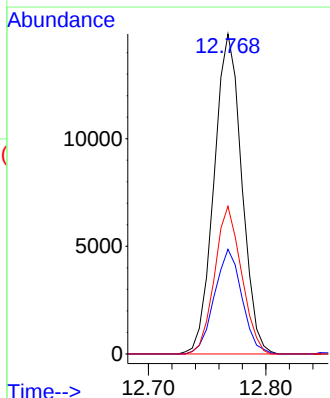
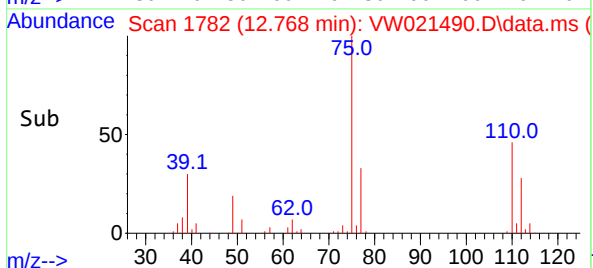
Tgt Ion:105 Resp: 229576
Ion Ratio Lower Upper
105 100
120 28.3 20.1 30.1
77 15.9 13.8 20.8

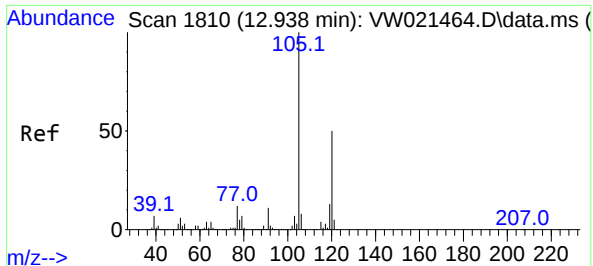


#61
1,2,3-Trichloropropane
Concen: 24.247 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23



Tgt Ion: 75 Resp: 24365
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 44.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.554 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

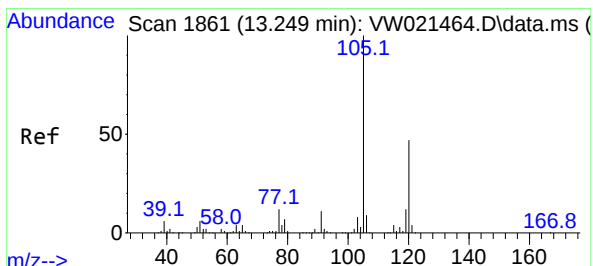
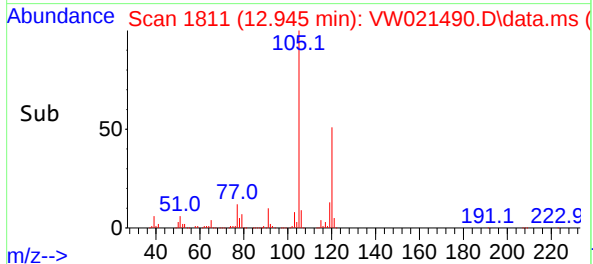
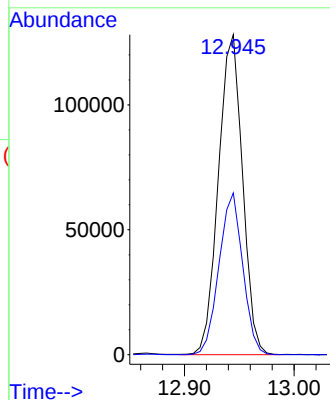
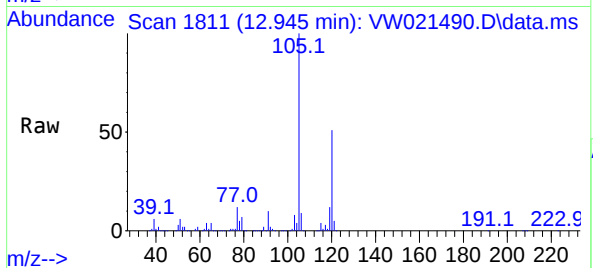
ClientSampleId :

Tgt Ion:105 Resp: 196027

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.941 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021490.D

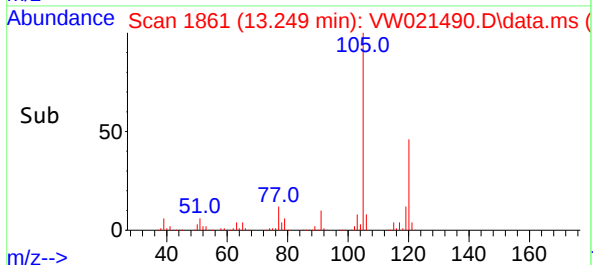
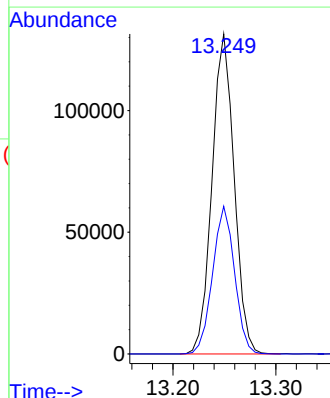
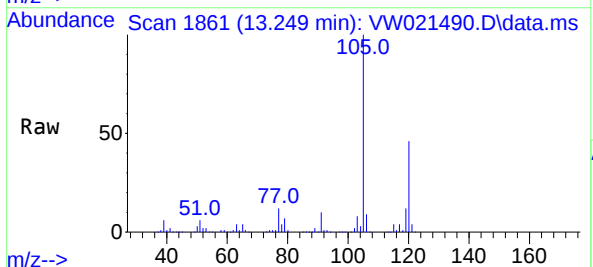
Acq: 20 Dec 2021 11:23

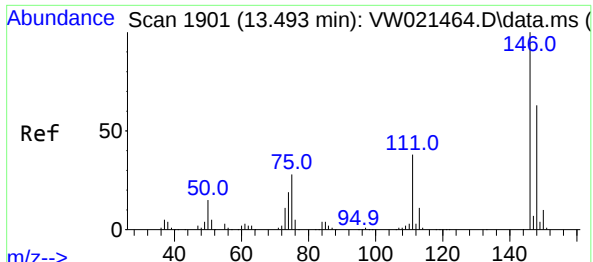
Tgt Ion:105 Resp: 196419

Ion Ratio Lower Upper

105 100

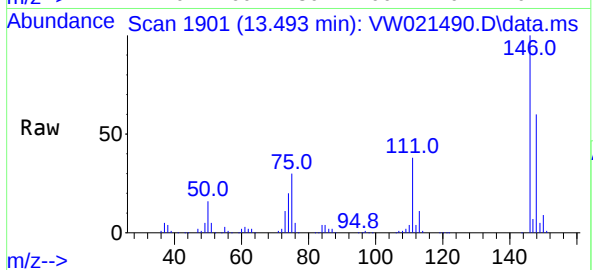
120 45.8 35.0 52.6



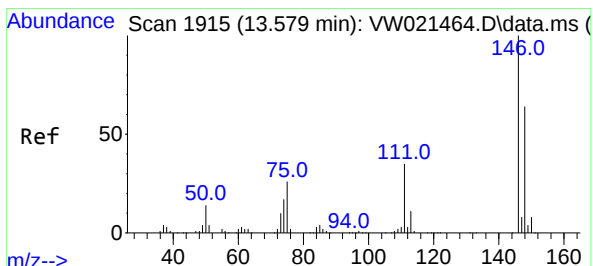
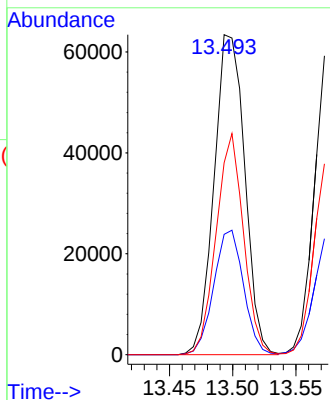
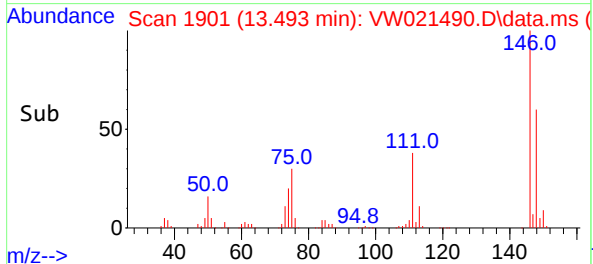


#64
1,3-Dichlorobenzene
Concen: 24.134 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

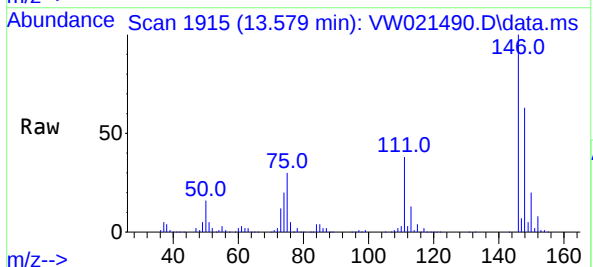
Instrument :
MSVOA_W
ClientSampleId :



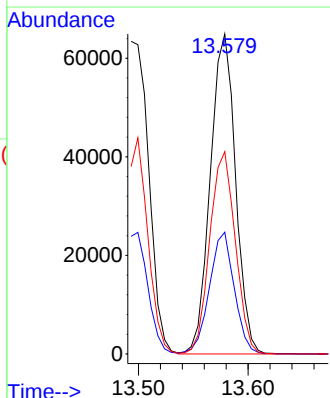
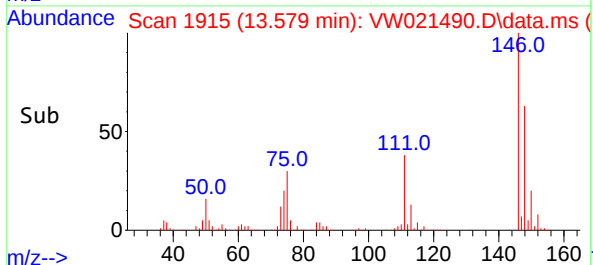
Tgt Ion:146 Resp: 106797
Ion Ratio Lower Upper
146 100
111 37.6 29.8 55.3
148 59.9 46.2 85.8

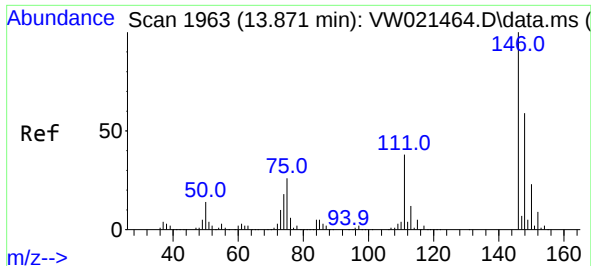


#65
1,4-Dichlorobenzene
Concen: 23.677 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23



Tgt Ion:146 Resp: 104099
Ion Ratio Lower Upper
146 100
111 38.0 29.0 53.9
148 63.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.234 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

Instrument :

MSVOA_W

ClientSampleId :

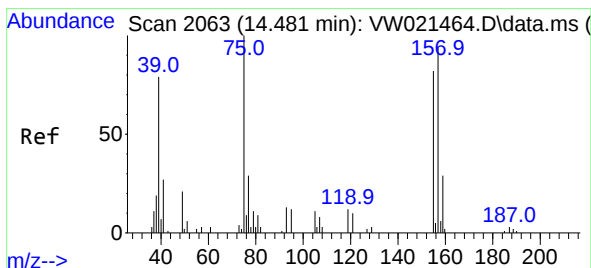
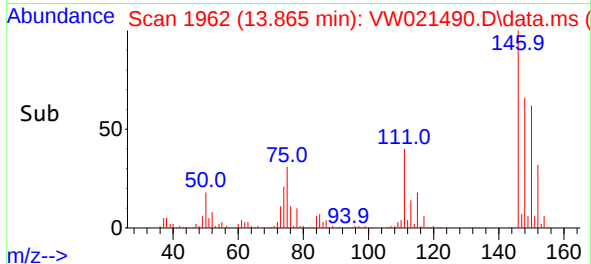
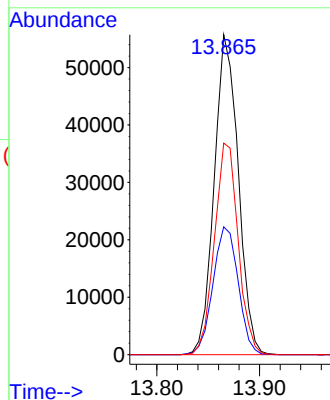
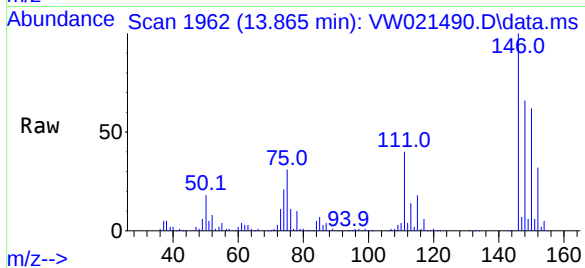
Tgt Ion:146 Resp: 90517

Ion Ratio Lower Upper

146 100

111 40.0 33.1 49.7

148 66.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.549 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021490.D

Acq: 20 Dec 2021 11:23

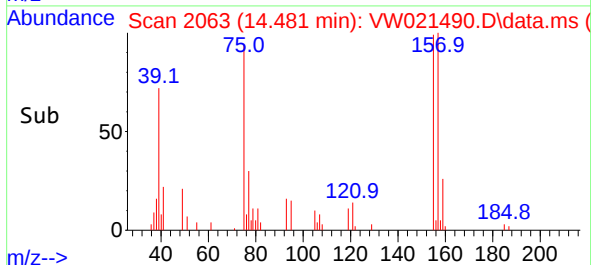
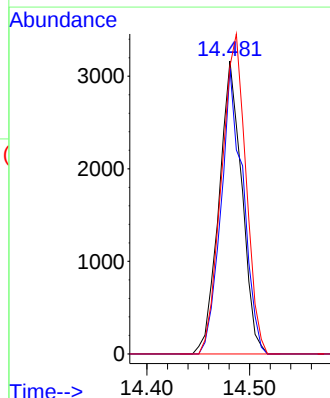
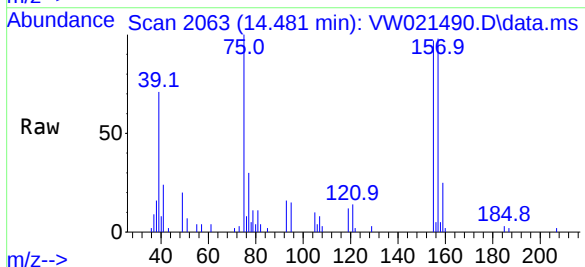
Tgt Ion: 75 Resp: 4881

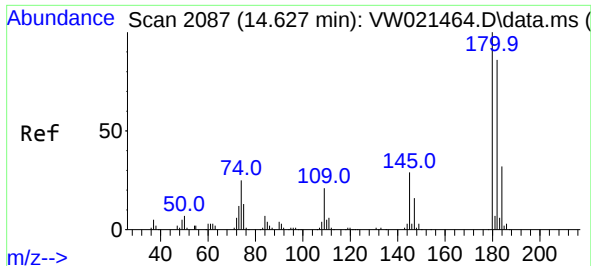
Ion Ratio Lower Upper

75 100

155 97.5 54.2 81.2#

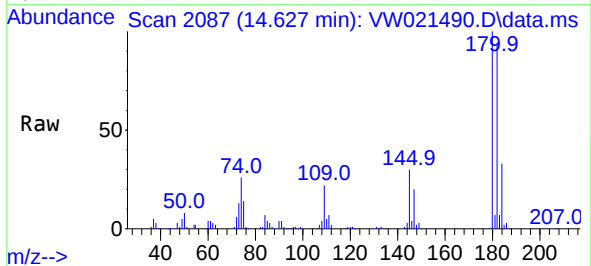
157 98.3 69.4 104.2





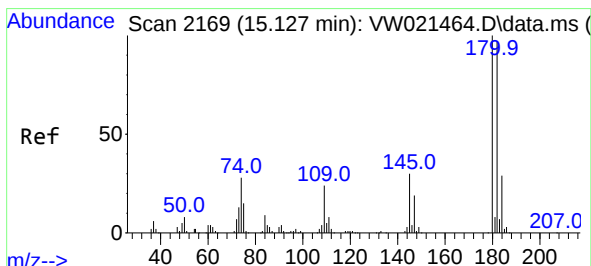
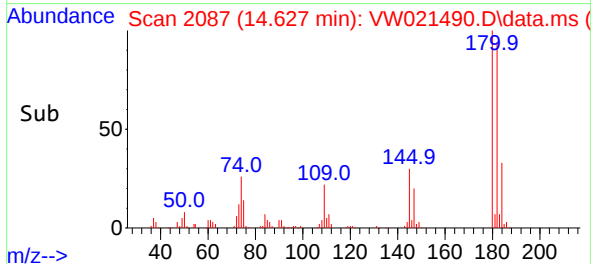
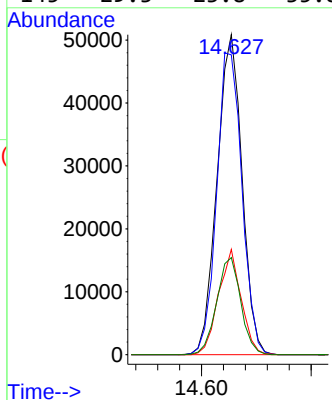
#69
1,3,5-Trichlorobenzene
Concen: 24.313 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Instrument :
MSVOA_W
ClientSampleId :

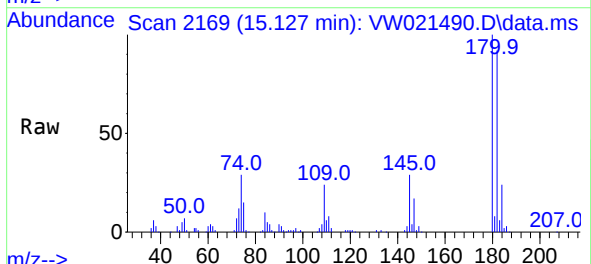


Tgt Ion:180 Resp: 80414

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
184	29.8	23.8	35.8
145	29.3	23.8	35.8

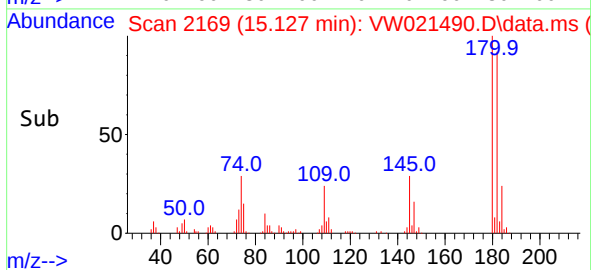
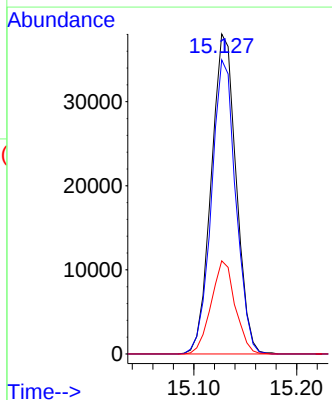


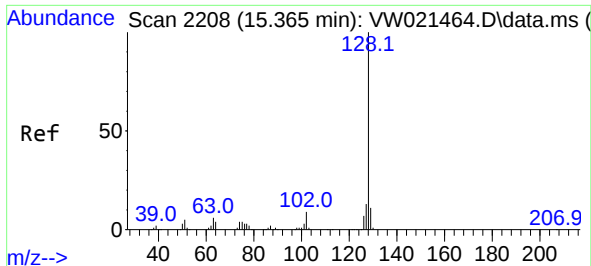
#70
1,2,4-trichlorobenzene
Concen: 23.999 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23



Tgt Ion:180 Resp: 63845

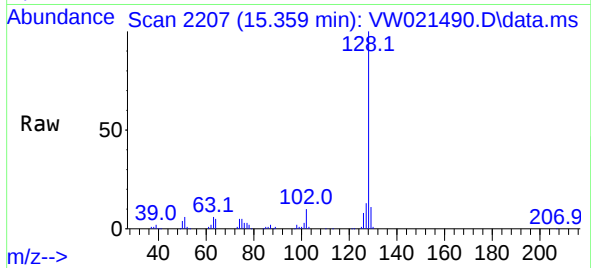
Ion	Ratio	Lower	Upper
180	100		
182	89.7	79.0	118.6
145	28.2	26.0	39.0



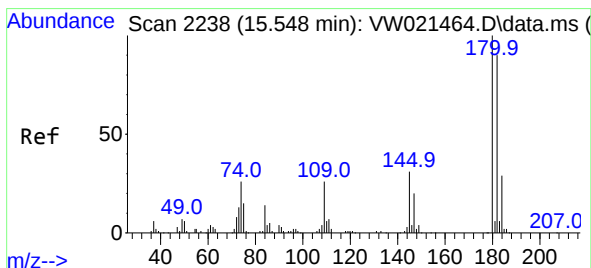
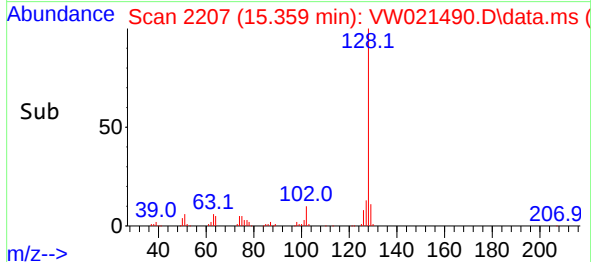
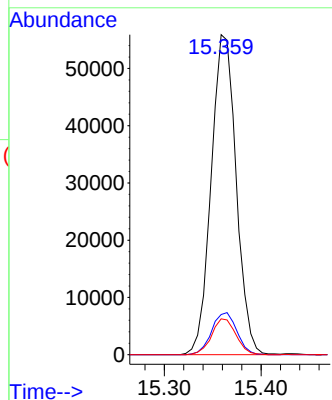


#71
Naphthalene
Concen: 23.256 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 100513
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.242 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW021490.D
Acq: 20 Dec 2021 11:23

Tgt Ion:180 Resp: 51099
Ion Ratio Lower Upper
180 100
182 92.7 76.6 114.8
145 31.8 27.4 41.0

