

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026267.D
 Acq On : 20 Jun 2023 14:08
 Operator : SY/MD
 Sample : 03334-05MS
 Misc : 5.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MS

Quant Time: Jun 21 01:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	62843	21.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.887	69	59361	26.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	4.021	65	33099	22.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.040%
21) 2-Butanone-d5	7.081	46	58979	67.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.880%#
24) Chloroform-d	7.648	84	152911	24.637	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.307	65	87792	25.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.480%
32) Benzene-d6	8.276	84	288348	22.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	9.276	67	97210	24.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.325	98	233055	20.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.640%
43) trans-1,3-Dichloroprop...	10.575	79	33277	20.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.360%
47) 2-Hexanone-d5	10.922	63	25499	40.123	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90162	30.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.960%#
66) 1,2-Dichlorobenzene-d4	13.849	152	77067	23.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	62331	23.991	ug/L	92
3) Chloromethane	2.216	50	76026	22.821	ug/L	95
5) Vinyl chloride	2.363	62	87942	24.696	ug/L	99
6) Bromomethane	2.790	94	46836	24.126	ug/L	98
8) Chloroethane	2.930	64	53428	27.765	ug/L	96
9) Trichlorofluoromethane	3.265	101	109962	47.999	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	67795	23.452	ug/L	98
13) Acetone	4.125	43	53546	79.721	ug/L	99
14) Carbon disulfide	4.381	76	193901	20.355	ug/L	99
15) Methyl Acetate	4.679	43	43343	28.752	ug/L	97
16) Methylene chloride	4.923	84	80479	23.791	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	66029	21.809	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	141614	29.678	ug/L	99
19) 1,1-Dichloroethane	6.216	63	142789	23.166	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	93224	29.069	ug/L	98
22) 2-Butanone	7.173	43	59910	62.529	ug/L	97
25) Chloroform	7.679	83	135402	23.585	ug/L	97
27) 1,2-Dichloroethane	8.398	62	94282	23.812	ug/L	98
29) Cyclohexane	7.959	56	117796	20.181	ug/L	99

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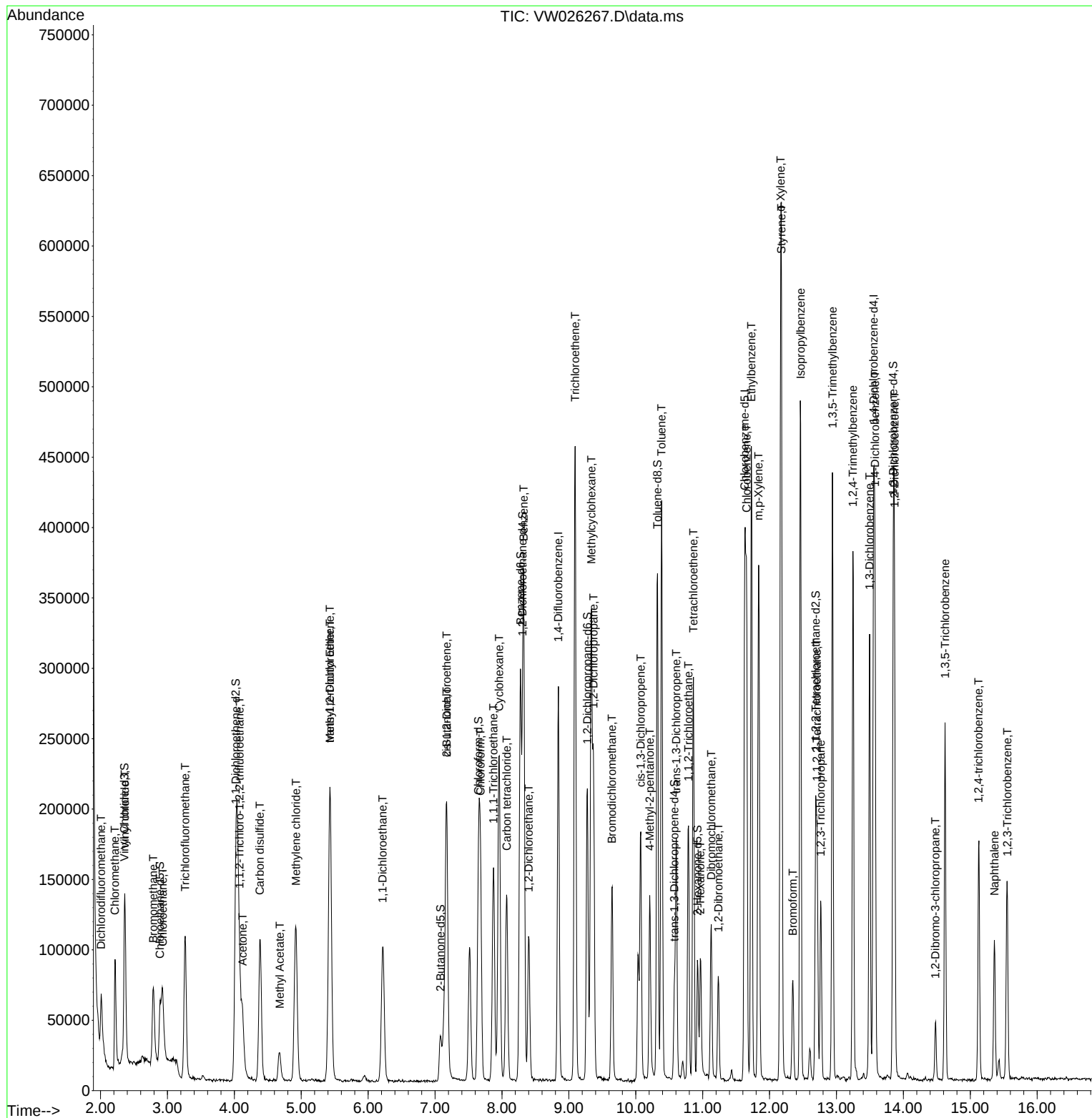
Quant Time: Jun 21 01:12:43 2023
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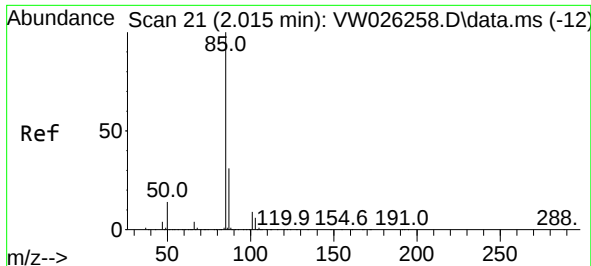
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	116190	25.324	ug/L	98
31) Carbon tetrachloride	8.069	117	97294	23.238	ug/L	100
33) Benzene	8.325	78	295927	22.849	ug/L	100
34) Trichloroethene	9.093	95	162920	49.125	ug/L	97
35) Methylcyclohexane	9.337	83	113484	19.338	ug/L	96
37) 1,2-Dichloropropane	9.368	63	83966	23.935	ug/L	100
38) Bromodichloromethane	9.642	83	93109	22.846	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	103768	20.129	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95051	45.958	ug/L	98
42) Toluene	10.386	91	286146	21.600	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	89153	20.758	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	57591	24.910	ug/L	97
46) Tetrachloroethene	10.861	164	60921	25.971	ug/L	96
48) 2-Hexanone	10.965	43	58822	40.336	ug/L	92
49) Dibromochloromethane	11.130	129	56438	23.283	ug/L	98
50) 1,2-Dibromoethane	11.233	107	50467	23.575	ug/L	94
51) Chlorobenzene	11.654	112	170796	20.575	ug/L	99
52) Ethylbenzene	11.727	91	299088	20.014	ug/L	96
53) m,p-Xylene	11.837	106	110023	19.791	ug/L	94
54) o-Xylene	12.166	106	105380	20.084	ug/L	99
55) Styrene	12.178	104	180534	20.055	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	73058	26.111	ug/L	97
59) Bromoform	12.349	173	31696	24.326	ug/L	97
60) Isopropylbenzene	12.465	105	296755	21.776	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53875	27.725	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	219254	20.239	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	195265	19.679	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	117460	20.499	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	118782	20.590	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	109031	21.190	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11566	25.690	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	69137	17.565	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	50549	15.564	ug/L	96
71) Naphthalene	15.360	128	79748	13.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	43991	15.498	ug/L	99

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

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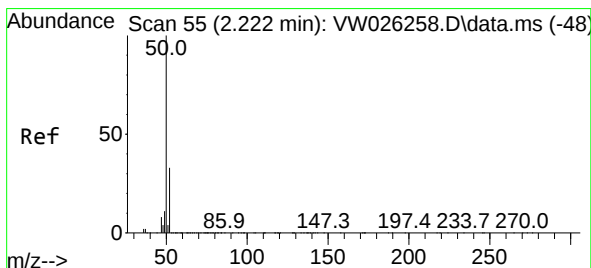
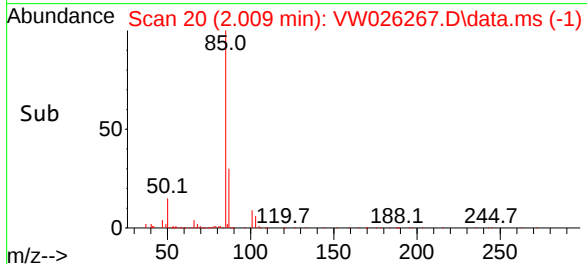
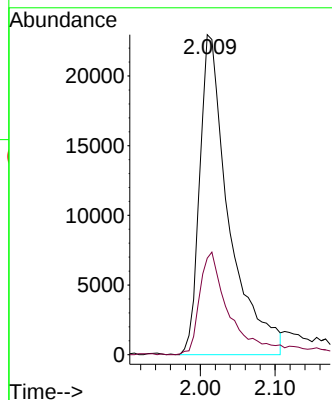
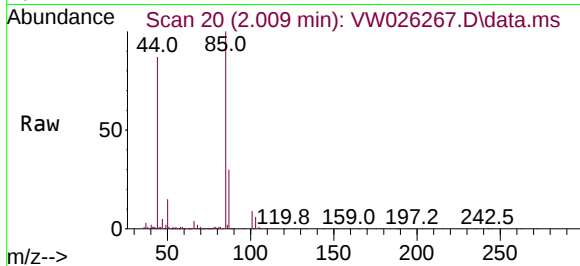




#2
 Dichlorodifluoromethane
 Concen: 23.991 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

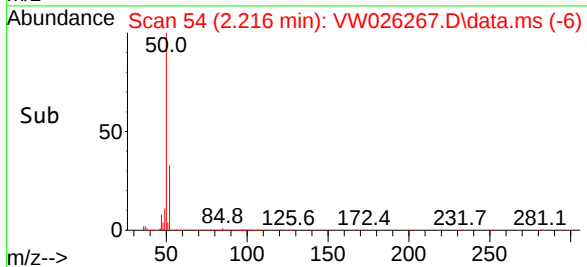
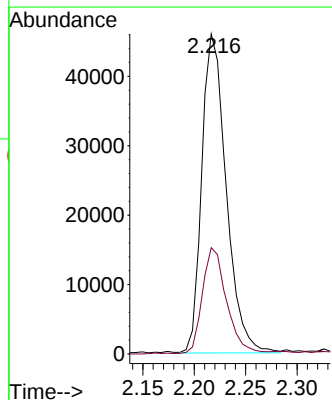
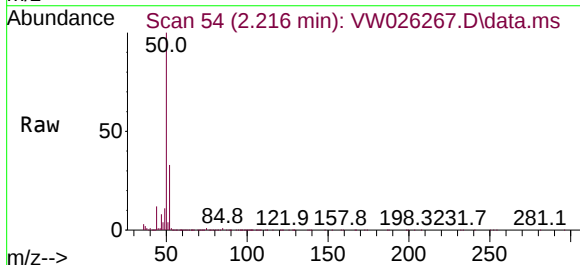
Instrument :
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 ClientSampleId :
 YBW01MS

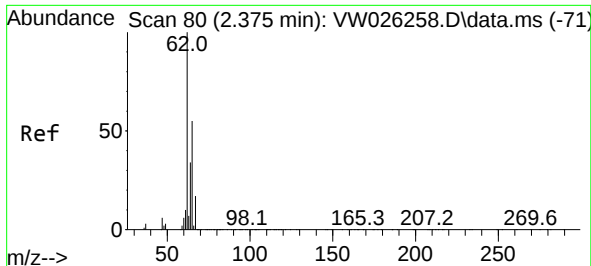
Tgt Ion: 85 Resp: 62331
 Ion Ratio Lower Upper
 85 100
 87 31.7 22.2 33.2



#3
 Chloromethane
 Concen: 22.821 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

Tgt Ion: 50 Resp: 76026
 Ion Ratio Lower Upper
 50 100
 52 33.2 21.3 39.6

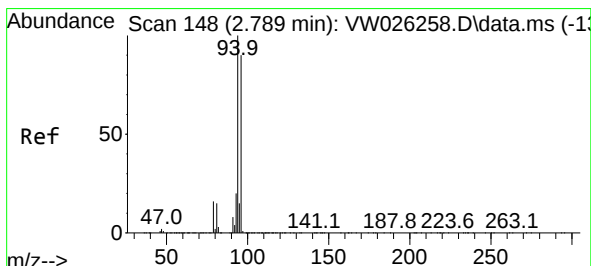
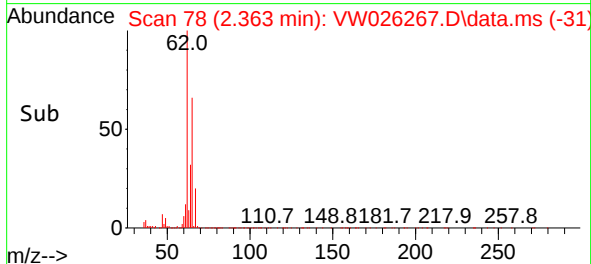
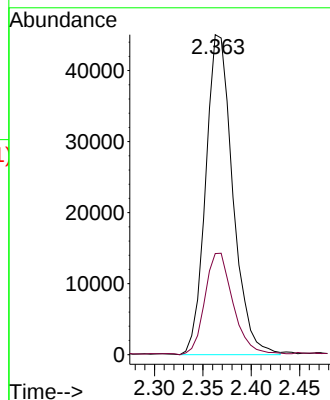
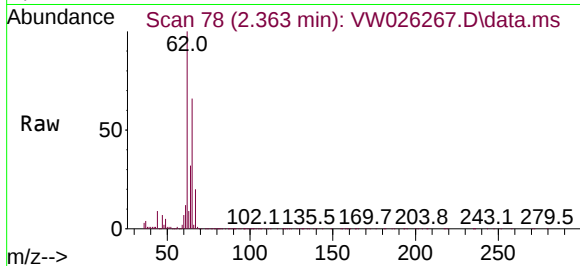




#5
 Vinyl chloride
 Concen: 24.696 ug/L
 RT: 2.363 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

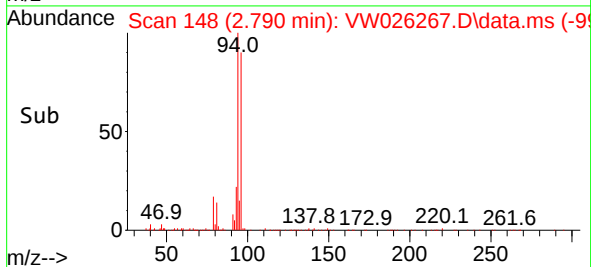
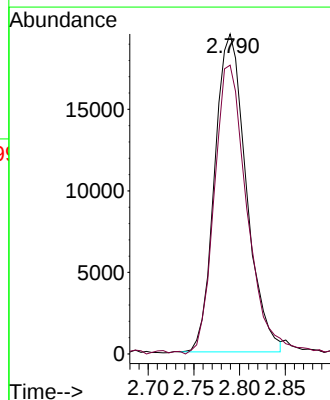
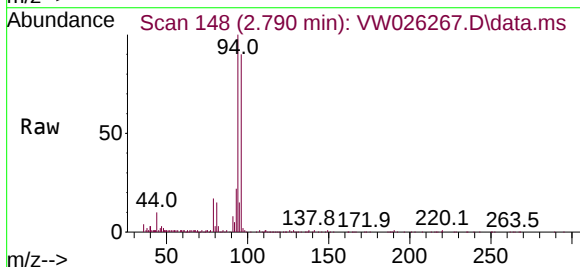
Instrument :
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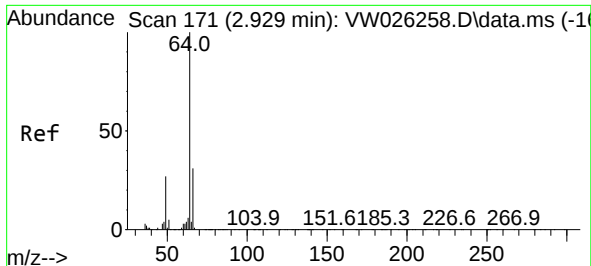
Tgt Ion: 62 Resp: 87942
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 24.126 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

Tgt Ion: 94 Resp: 46836
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.2 119.2

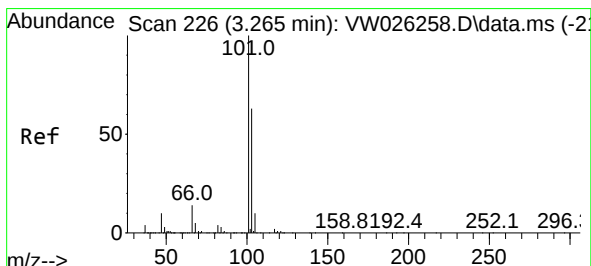
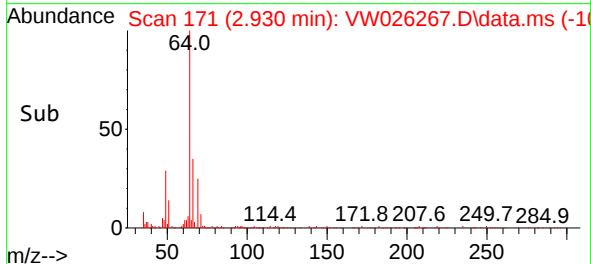
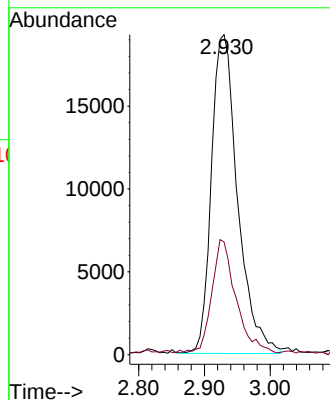
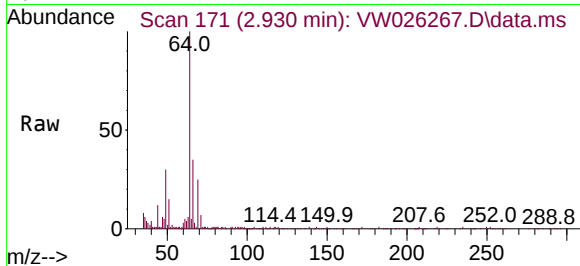




#8
Chloroethane
Concen: 27.765 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

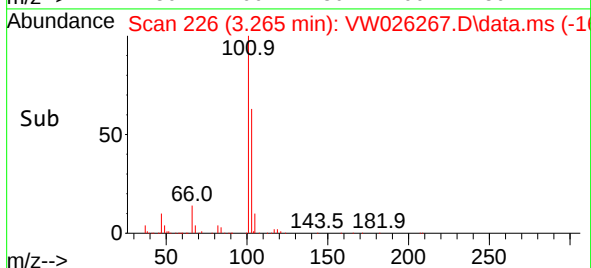
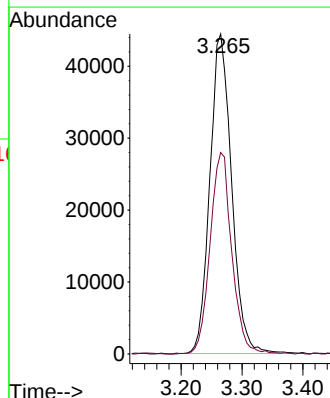
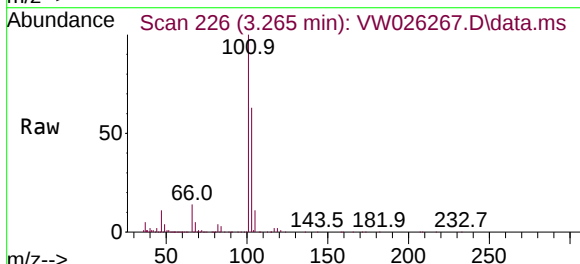
Instrument :
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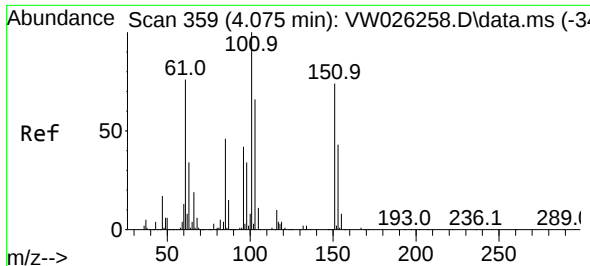
Tgt Ion: 64 Resp: 53428
Ion Ratio Lower Upper
64 100
66 35.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.999 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 101 Resp: 109962
Ion Ratio Lower Upper
101 100
103 62.2 51.6 77.4

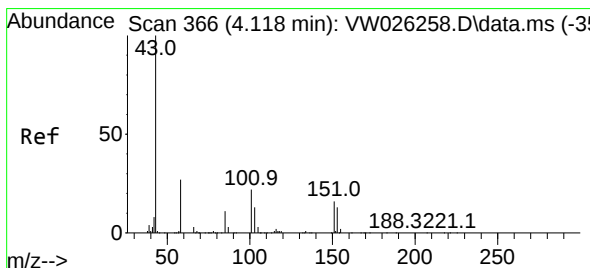
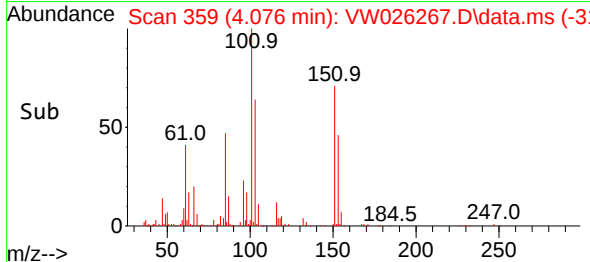
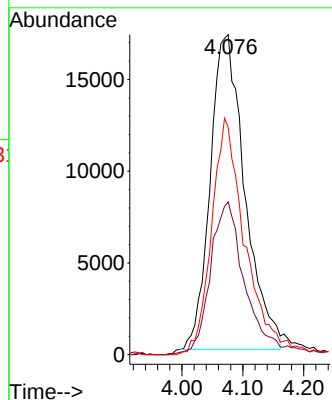
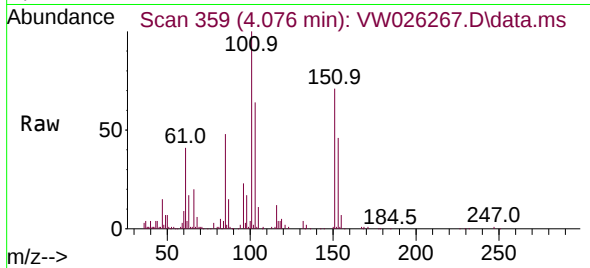




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.452 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

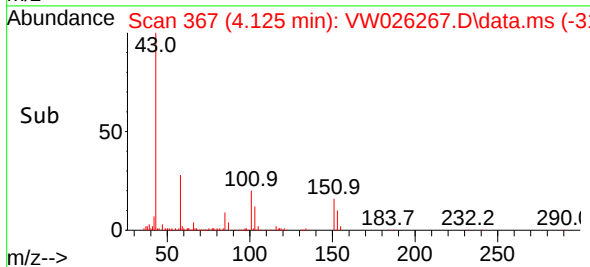
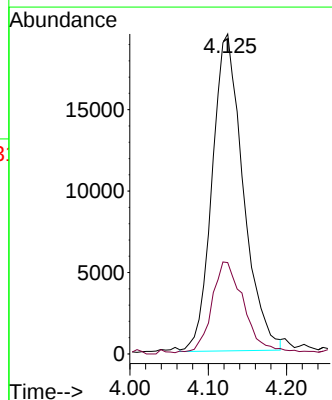
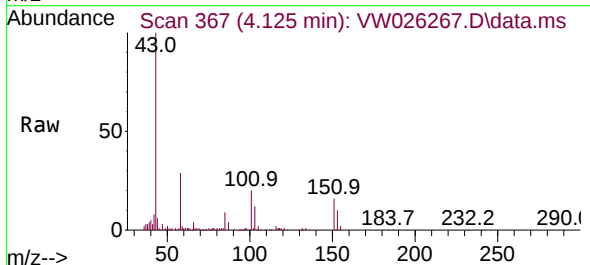
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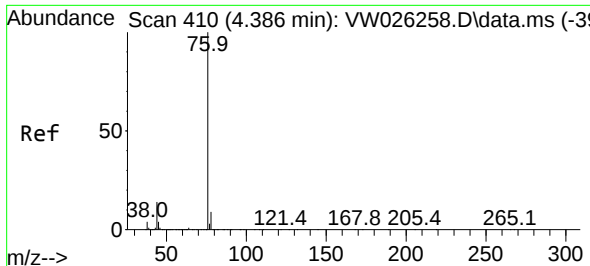
Tgt Ion:101 Resp: 67795
 Ion Ratio Lower Upper
 101 100
 85 47.7 36.1 54.1
 151 68.7 55.1 82.7



#13
 Acetone
 Concen: 79.721 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. 0.007 min
 Lab File: VW026267.D
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Tgt Ion: 43 Resp: 53546
 Ion Ratio Lower Upper
 43 100
 58 28.3 0.0 58.2

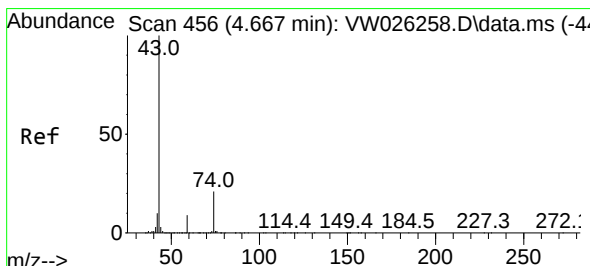
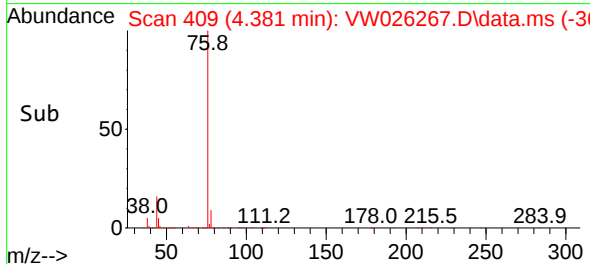
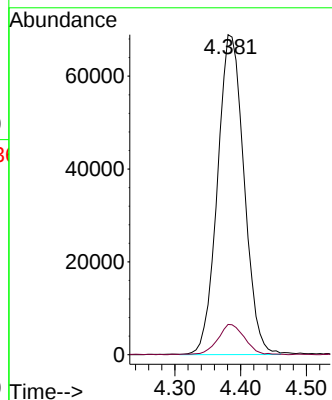
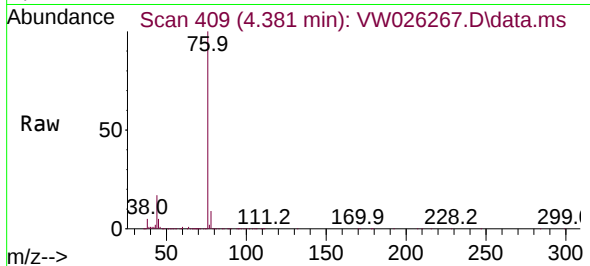




#14
Carbon disulfide
Concen: 20.355 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

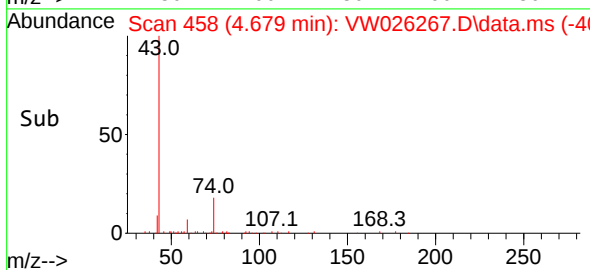
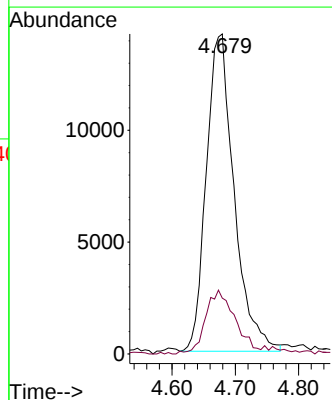
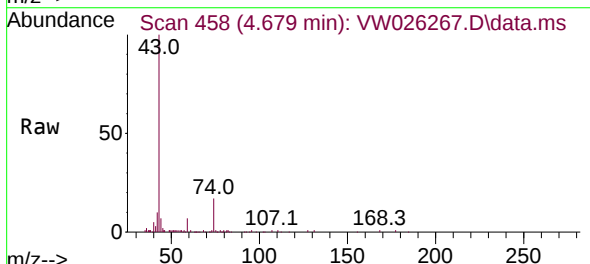
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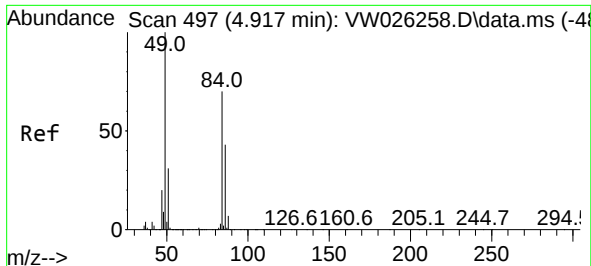
Tgt Ion: 76 Resp: 193901
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#15
Methyl Acetate
Concen: 28.752 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.013 min
Lab File: VW026267.D
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Tgt Ion: 43 Resp: 43343
Ion Ratio Lower Upper
43 100
74 19.4 16.6 25.0

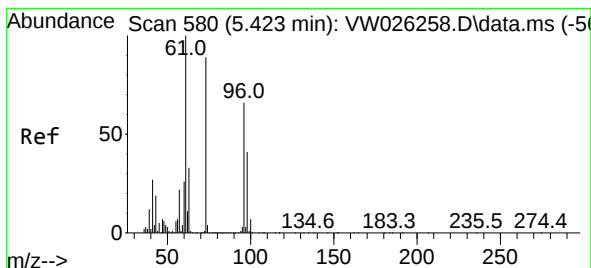
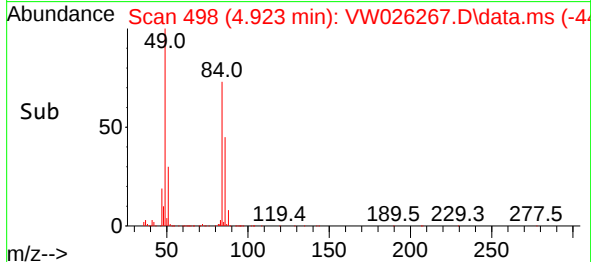
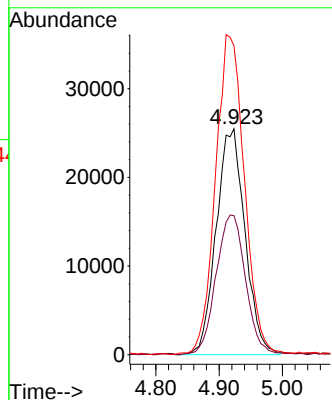
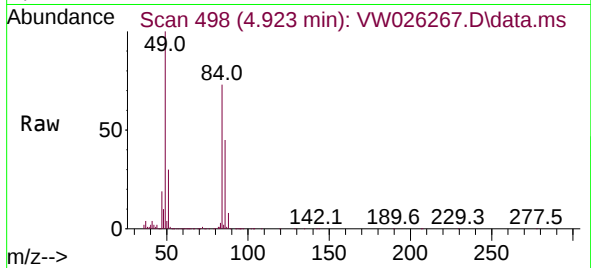




#16
Methylene chloride
Concen: 23.791 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

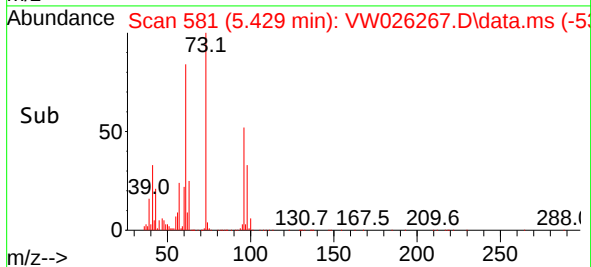
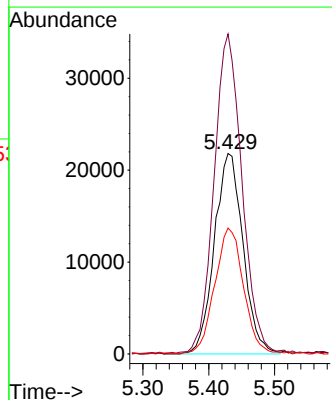
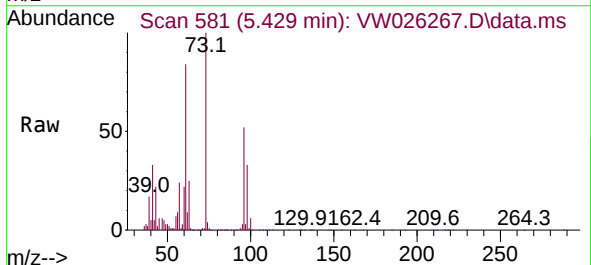
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

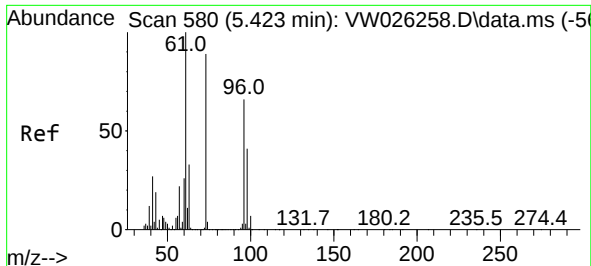
Tgt Ion: 84 Resp: 80479
Ion Ratio Lower Upper
84 100
86 61.5 44.2 82.0
49 136.8 98.8 183.6



#17
trans-1,2-Dichloroethene
Concen: 21.809 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 96 Resp: 66029
Ion Ratio Lower Upper
96 100
61 159.6 113.0 209.8
98 62.8 42.5 78.9

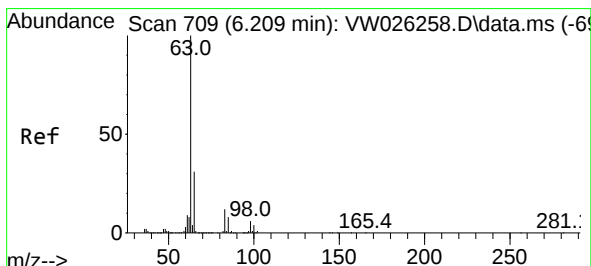
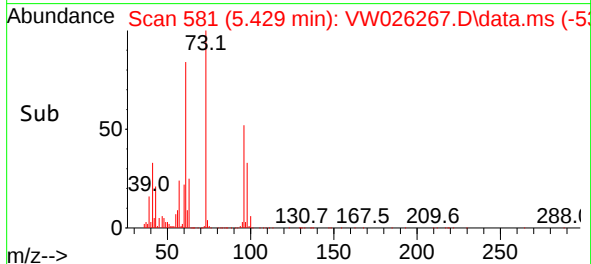
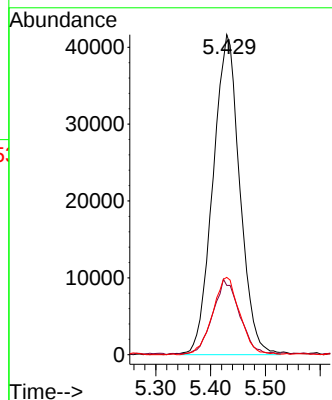
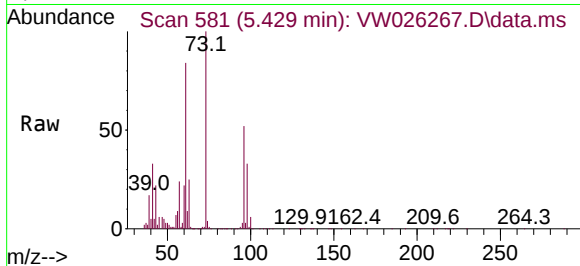




#18
Methyl tert-butyl Ether
Concen: 29.678 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

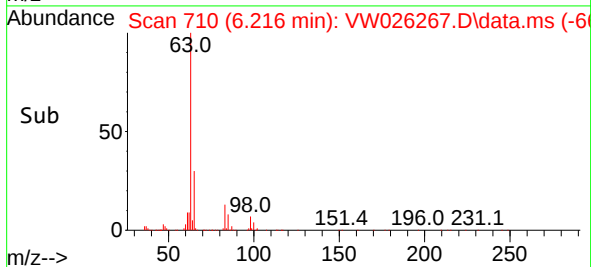
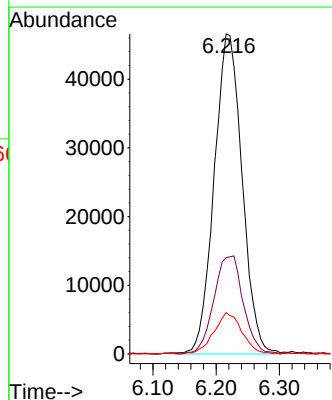
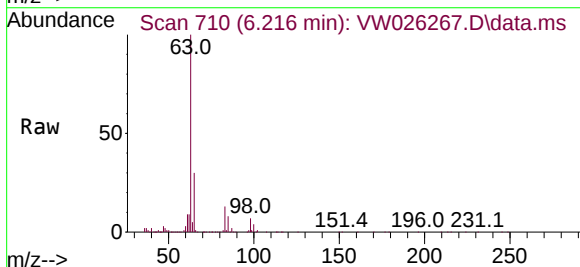
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

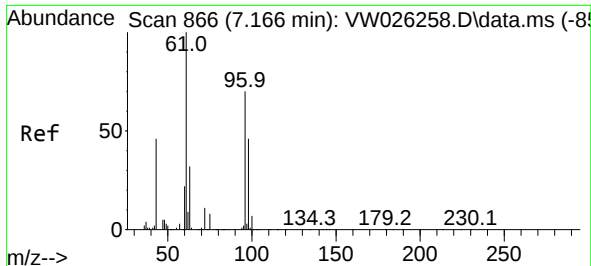
Tgt Ion: 73 Resp: 141614
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 24.5 18.9 28.3



#19
1,1-Dichloroethane
Concen: 23.166 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 63 Resp: 142789
Ion Ratio Lower Upper
63 100
65 30.1 22.3 41.5
83 12.9 9.1 16.9

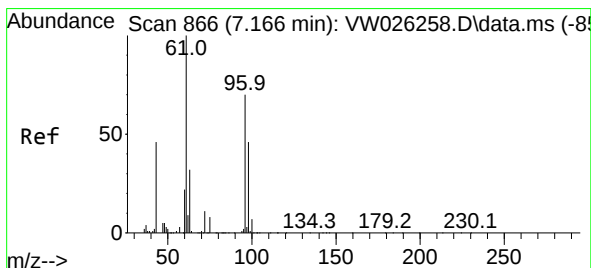
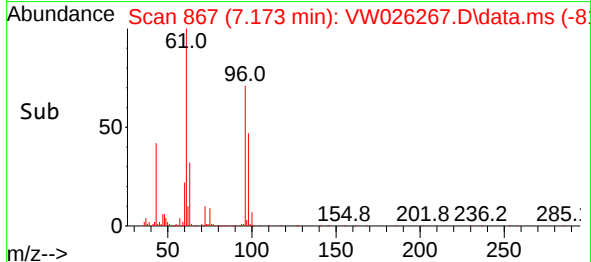
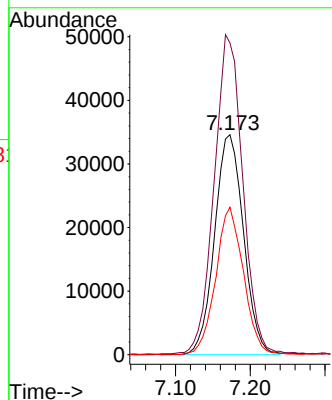
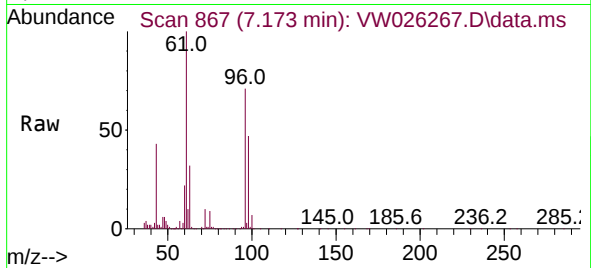




#20
 cis-1,2-Dichloroethene
 Concen: 29.069 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.007 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

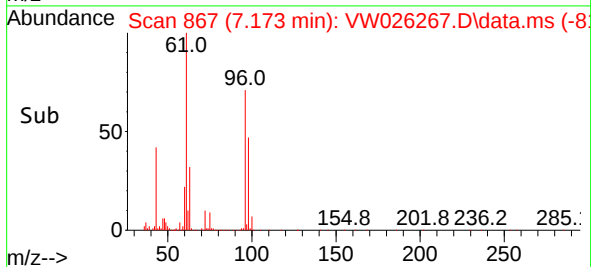
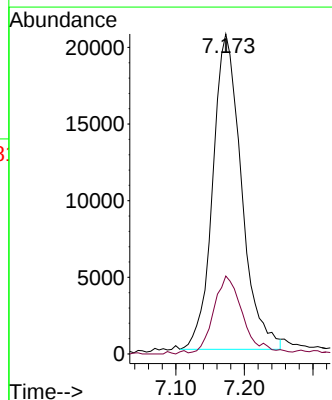
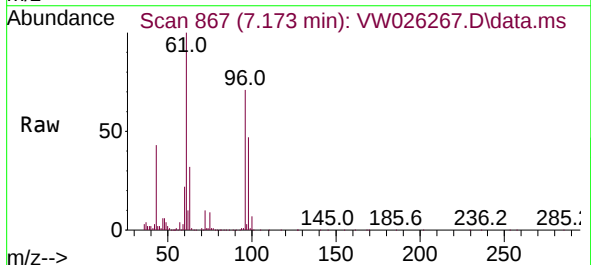
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MS

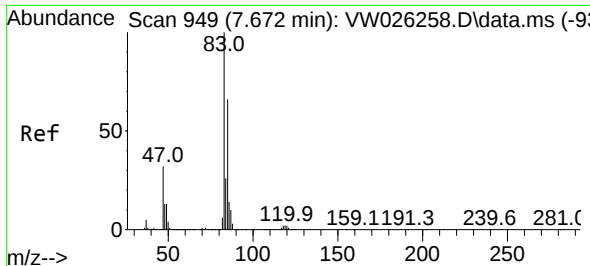
Tgt Ion: 96 Resp: 93224
 Ion Ratio Lower Upper
 96 100
 61 141.7 98.4 182.8
 98 67.1 45.2 84.0



#22
 2-Butanone
 Concen: 62.529 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.007 min
 Lab File: VW026267.D
 Acq: 20 Jun 2023 14:08

Tgt Ion: 43 Resp: 59910
 Ion Ratio Lower Upper
 43 100
 72 23.3 12.4 37.4

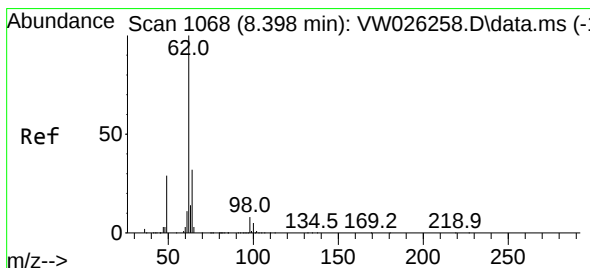
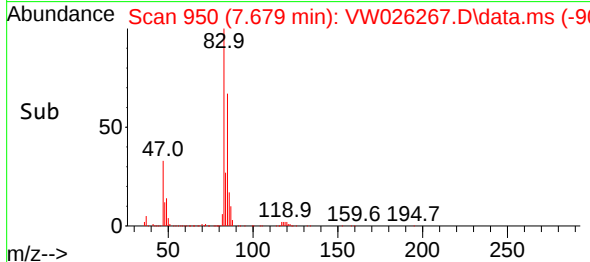
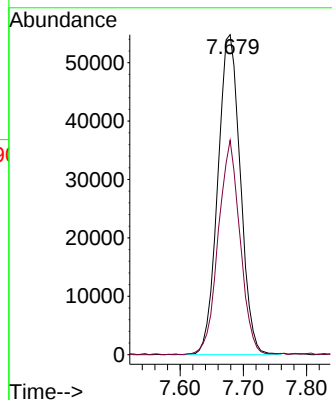
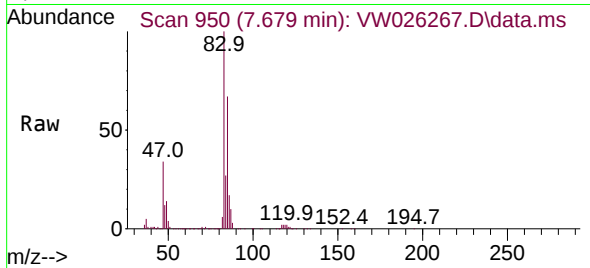




#25
Chloroform
Concen: 23.585 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

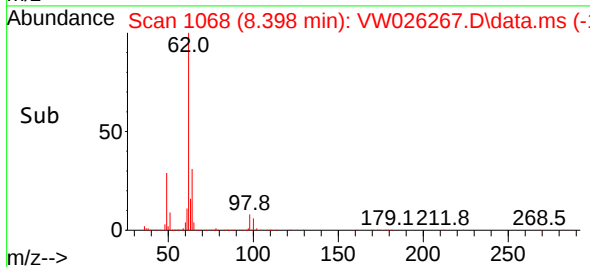
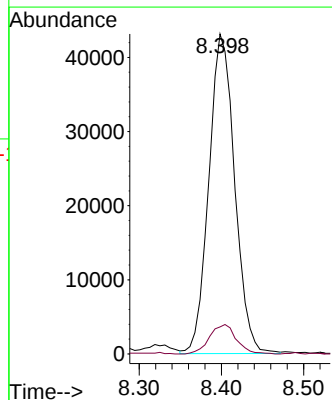
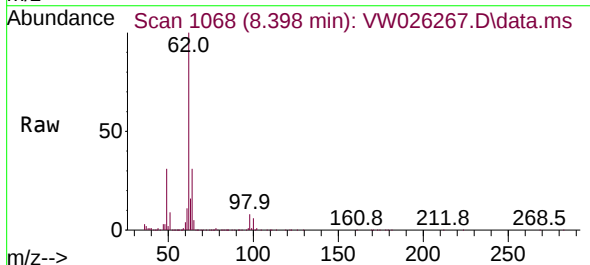
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

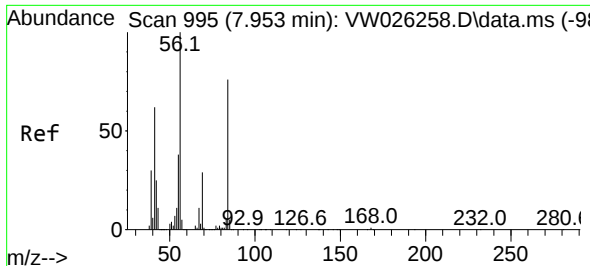
Tgt Ion: 83 Resp: 135402
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.812 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 62 Resp: 94282
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.2

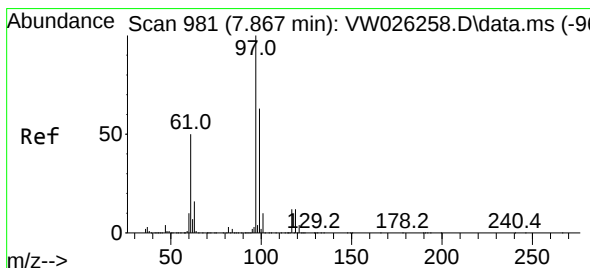
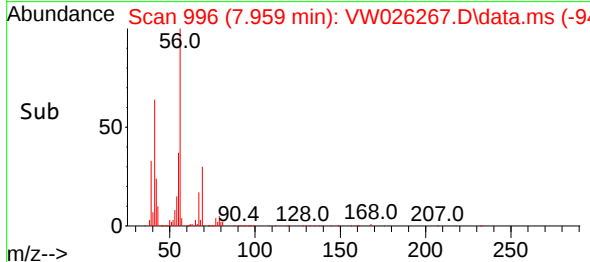
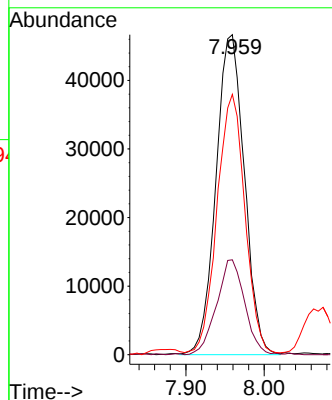
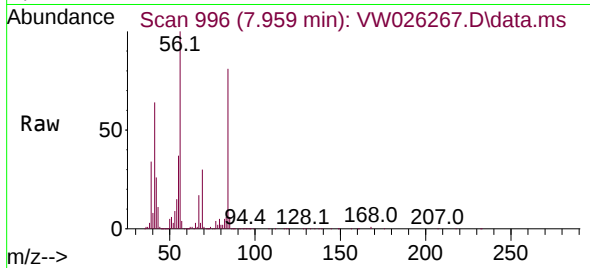




#29
Cyclohexane
Concen: 20.181 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

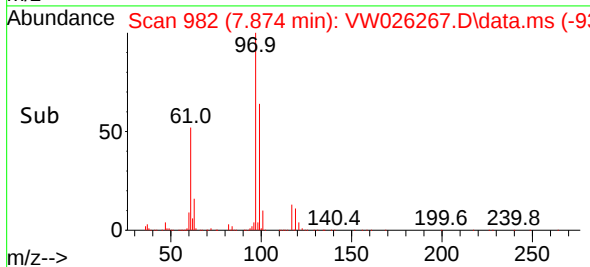
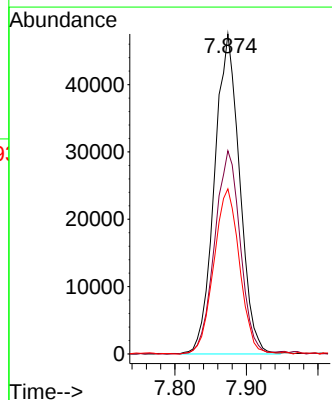
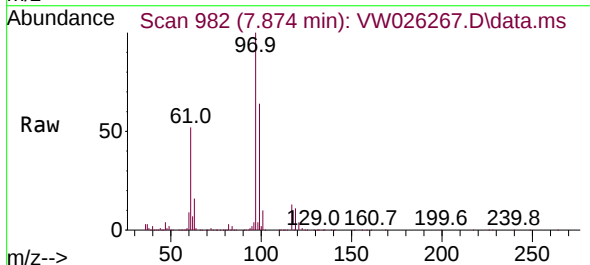
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

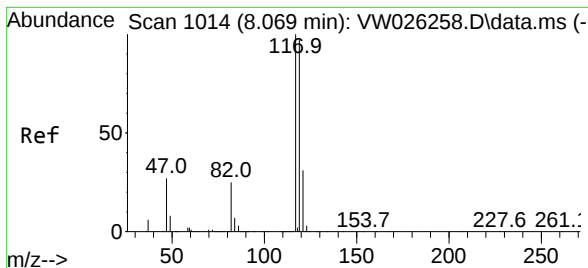
Tgt Ion: 56 Resp: 117796
Ion Ratio Lower Upper
56 100
69 29.3 23.3 34.9
84 80.3 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 25.324 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 97 Resp: 116190
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 52.8 40.5 60.7





#31

Carbon tetrachloride

Concen: 23.238 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

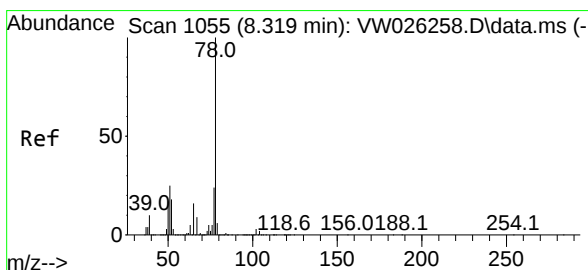
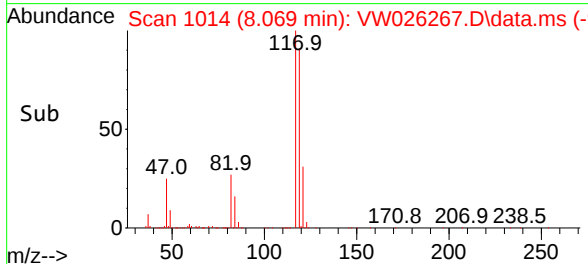
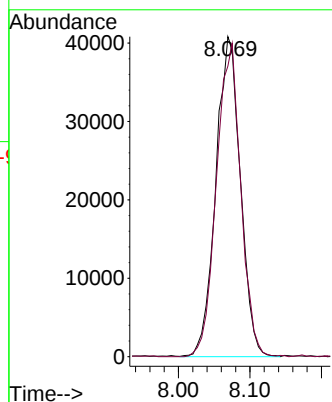
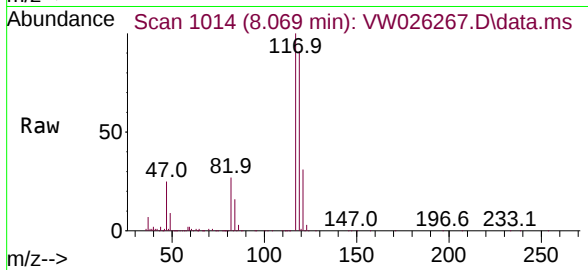
YBW01MS

Tgt Ion:117 Resp: 97294

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2



#33

Benzene

Concen: 22.849 ug/L

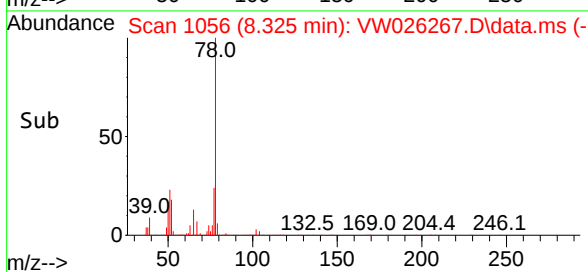
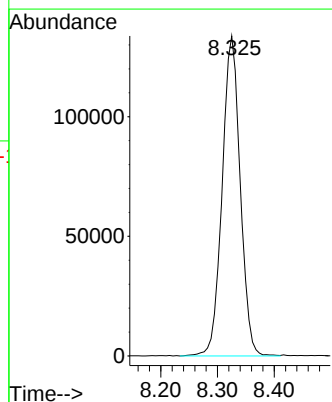
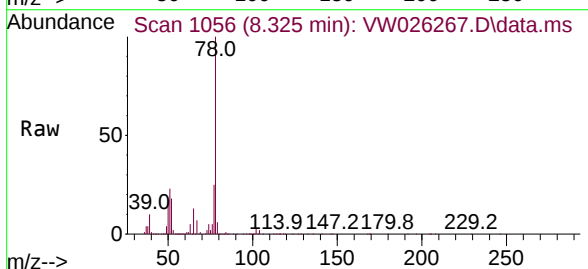
RT: 8.325 min Scan# 1056

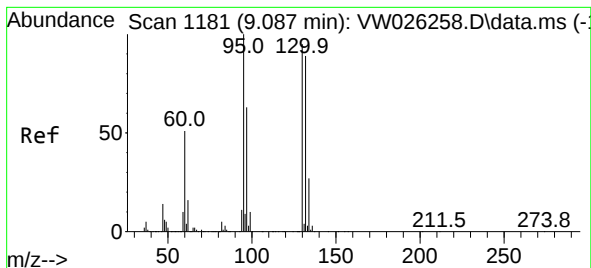
Delta R.T. 0.007 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Tgt Ion: 78 Resp: 295927





#34

Trichloroethene

Concen: 49.125 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.007 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

Tgt Ion: 95 Resp: 162920

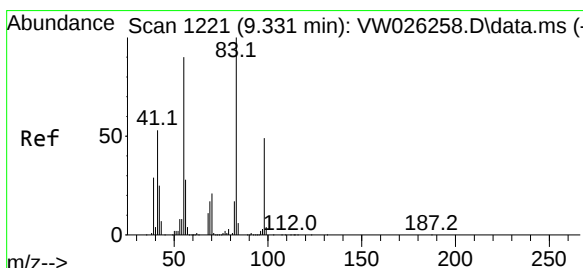
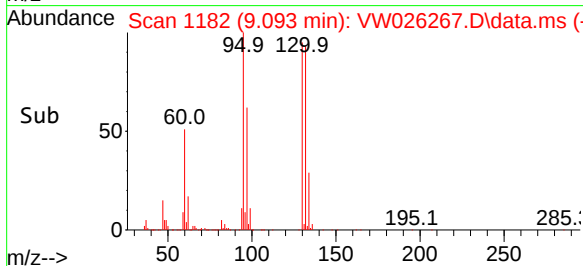
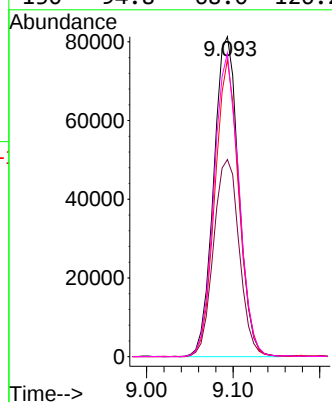
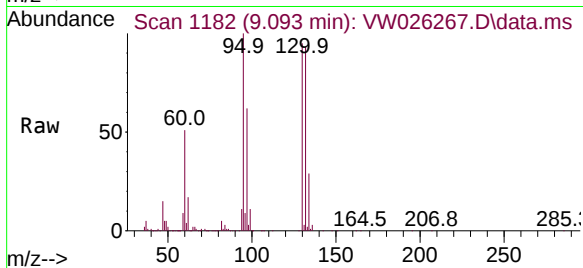
Ion Ratio Lower Upper

95 100

97 61.6 45.9 85.3

132 92.8 67.1 124.7

130 94.8 68.0 126.2



#35

Methylcyclohexane

Concen: 19.338 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.007 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

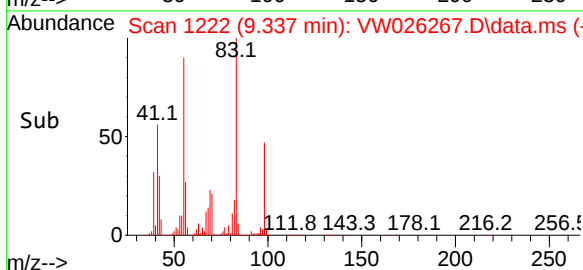
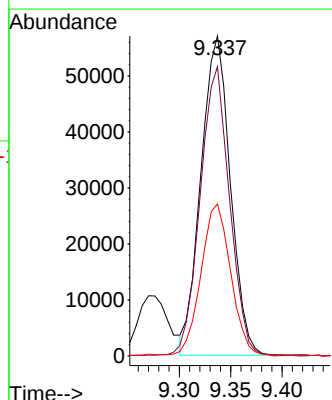
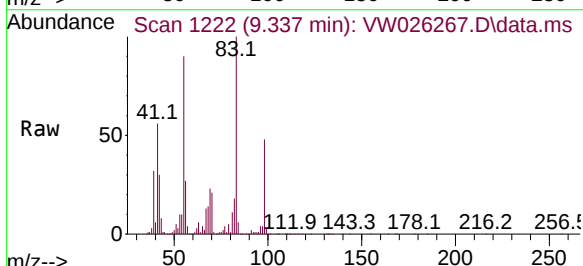
Tgt Ion: 83 Resp: 113484

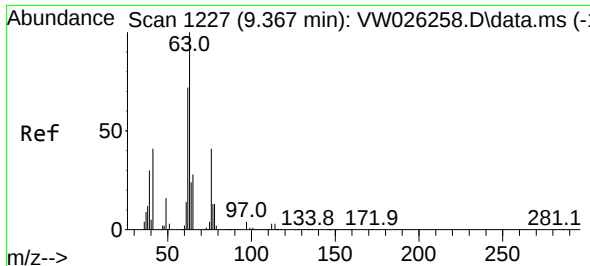
Ion Ratio Lower Upper

83 100

55 90.5 68.2 102.4

98 48.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.935 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

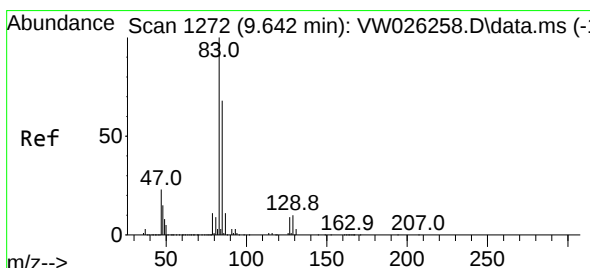
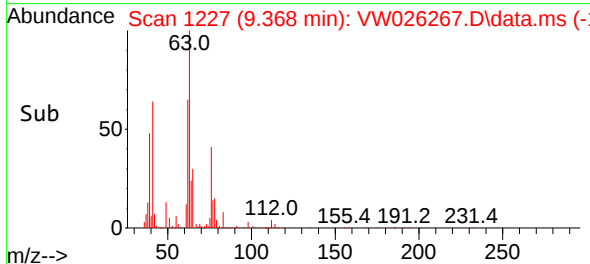
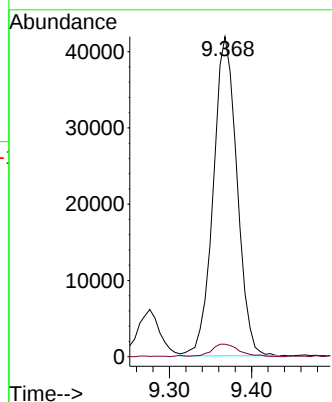
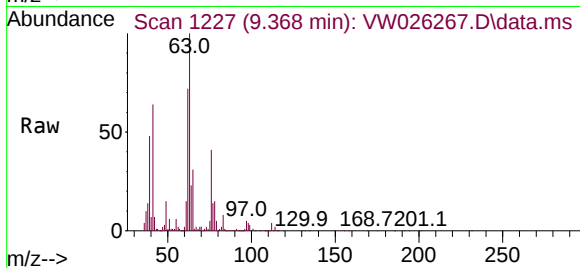
YBW01MS

Tgt Ion: 63 Resp: 83966

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 22.846 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

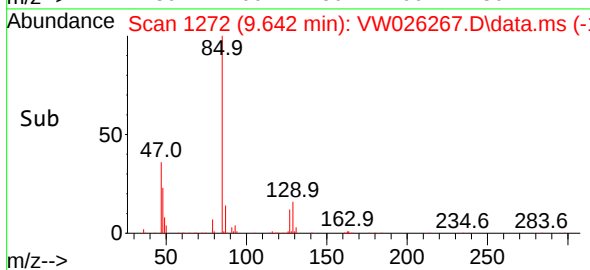
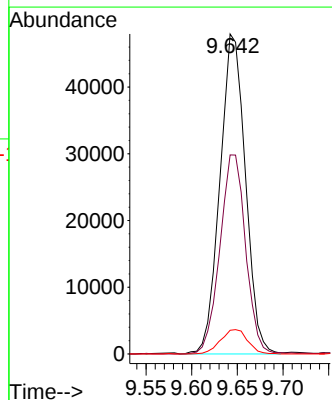
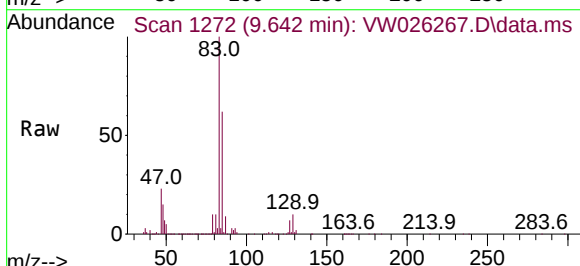
Tgt Ion: 83 Resp: 93109

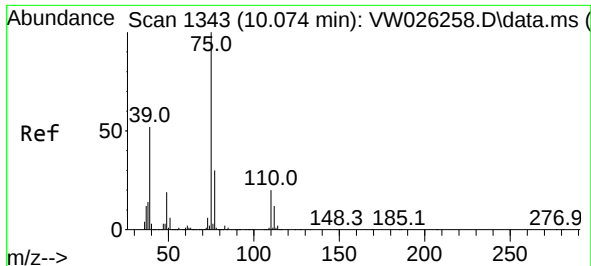
Ion Ratio Lower Upper

83 100

85 62.2 44.2 82.0

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 20.129 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

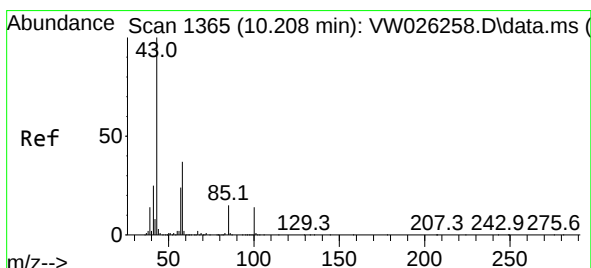
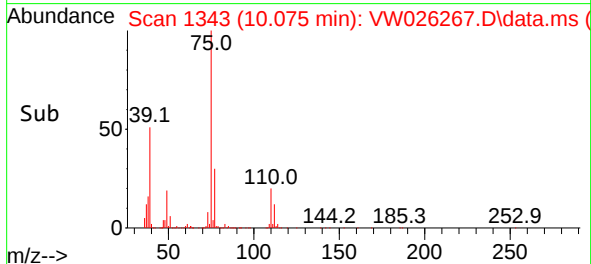
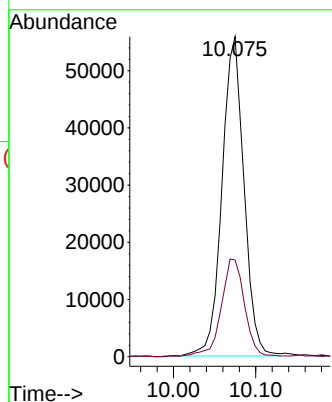
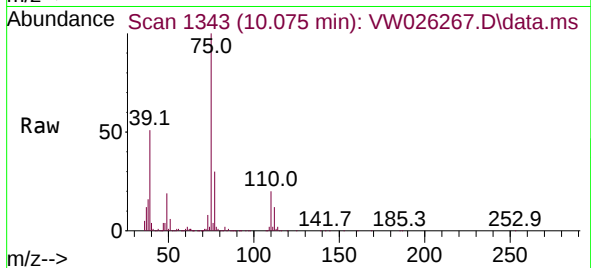
YBW01MS

Tgt Ion: 75 Resp: 103768

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 45.958 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

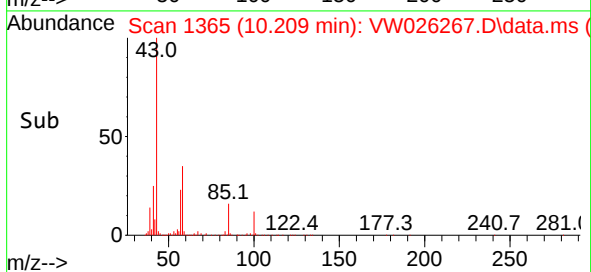
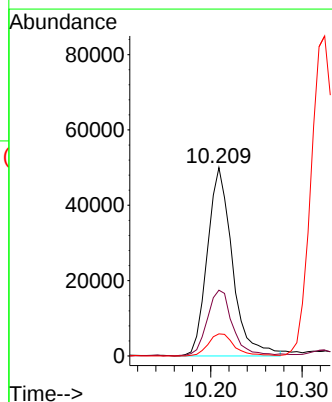
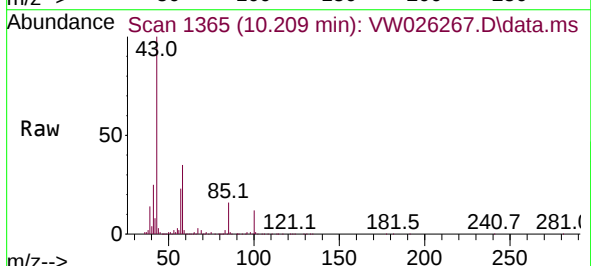
Tgt Ion: 43 Resp: 95051

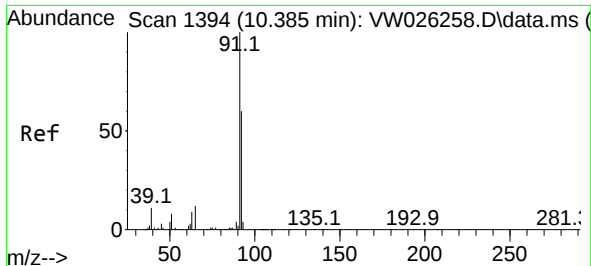
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

100 12.3 10.5 15.7

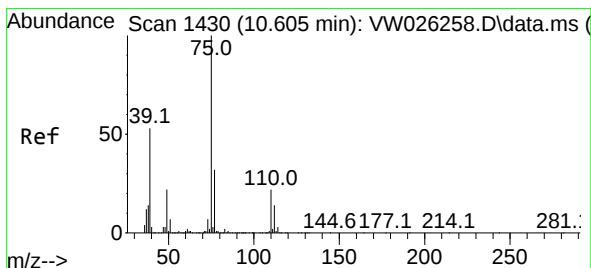
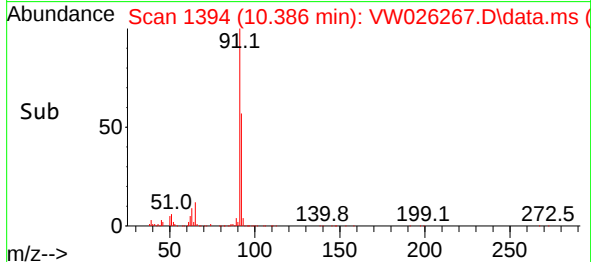
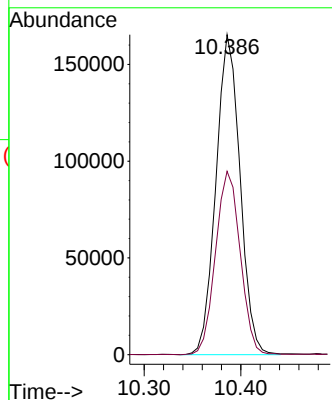
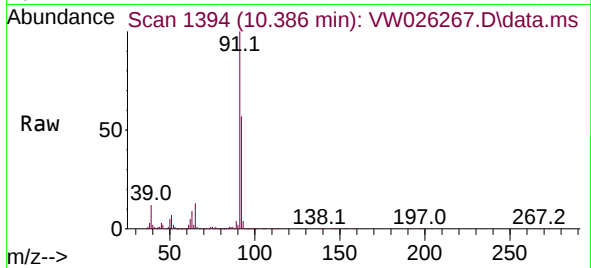




#42
Toluene
Concen: 21.600 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

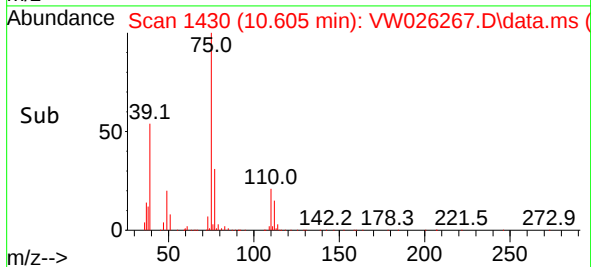
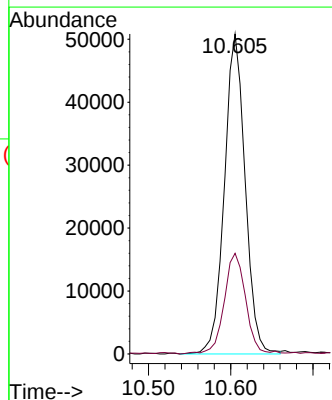
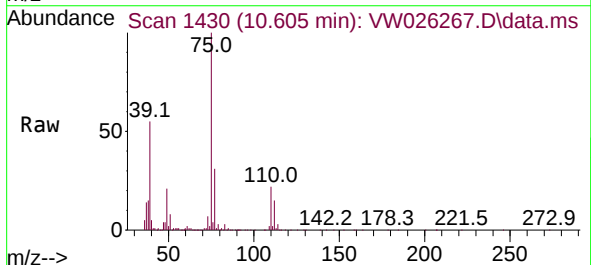
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

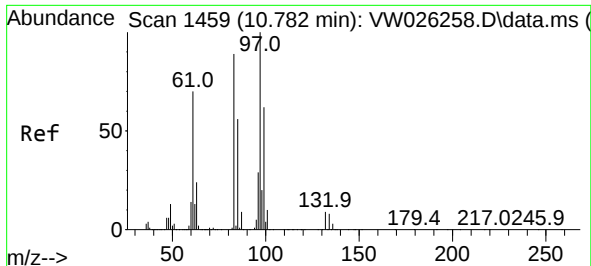
Tgt Ion: 91 Resp: 286146
Ion Ratio Lower Upper
91 100
92 57.3 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 20.758 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 75 Resp: 89153
Ion Ratio Lower Upper
75 100
77 31.5 21.1 39.3

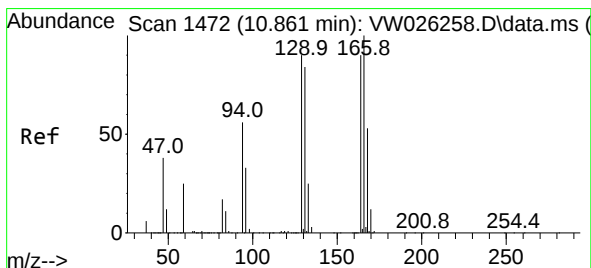
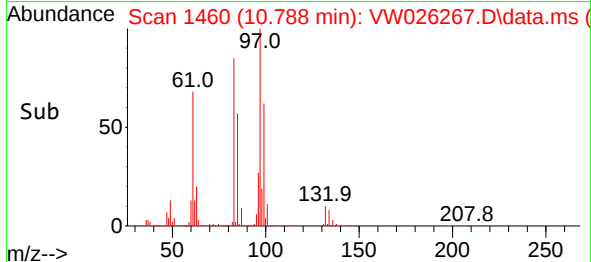
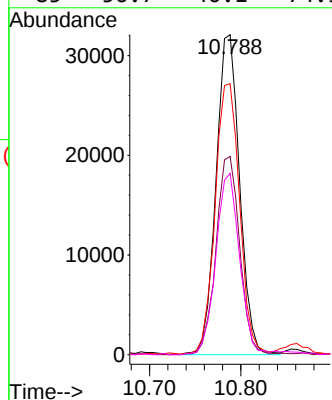
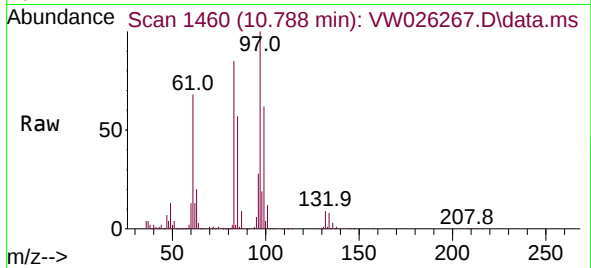




#45
1,1,2-Trichloroethane
Concen: 24.910 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

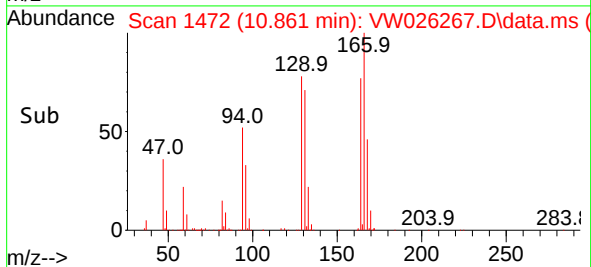
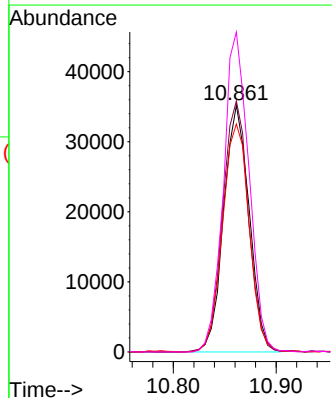
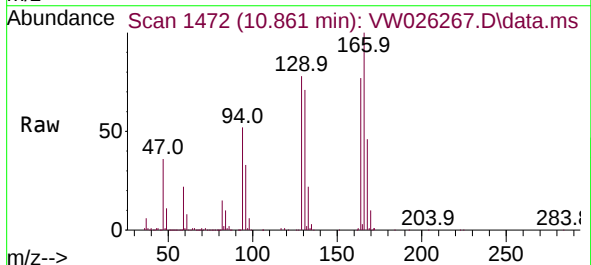
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

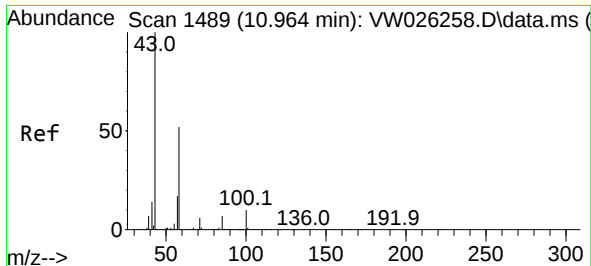
Tgt Ion:	97	Resp:	57591
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	84.7	62.9	116.9
85	56.7	40.1	74.5



#46
Tetrachloroethene
Concen: 25.971 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion:	164	Resp:	60921
Ion	Ratio	Lower	Upper
164	100		
129	101.8	68.5	127.1
131	92.4	67.1	124.7
166	129.7	94.1	174.8



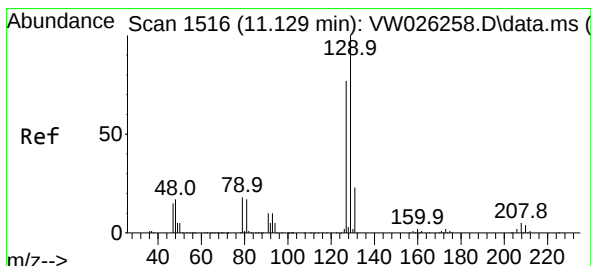
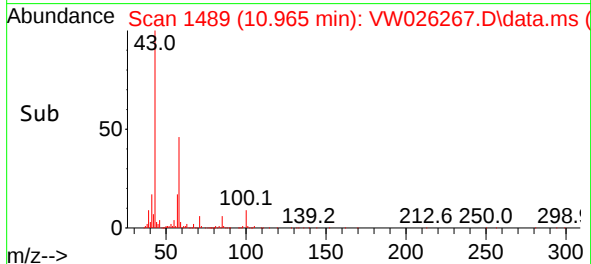
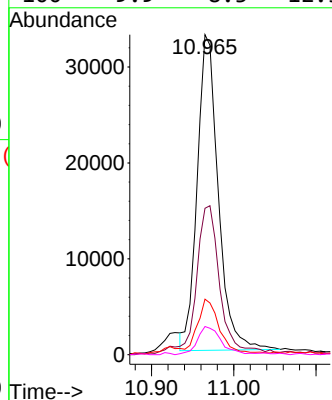
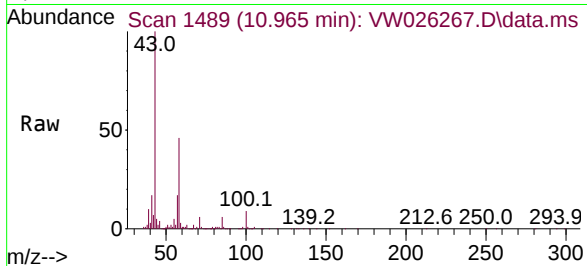


#48
2-Hexanone
Concen: 40.336 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

Tgt Ion: 43 Resp: 58822

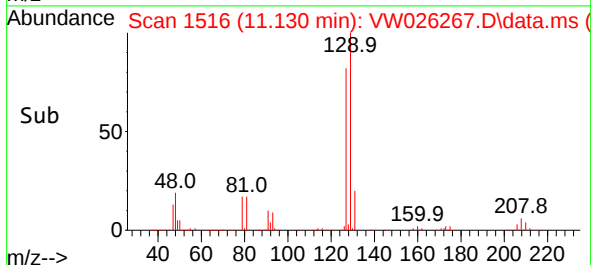
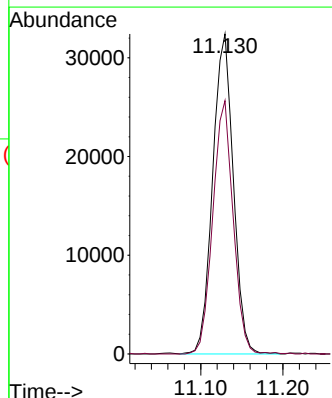
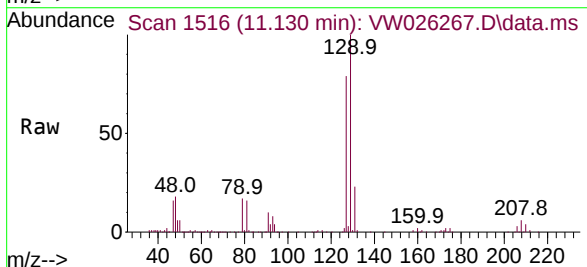
Ion	Ratio	Lower	Upper
43	100		
58	44.9	42.2	63.2
57	17.5	14.2	21.2
100	9.9	8.3	12.5

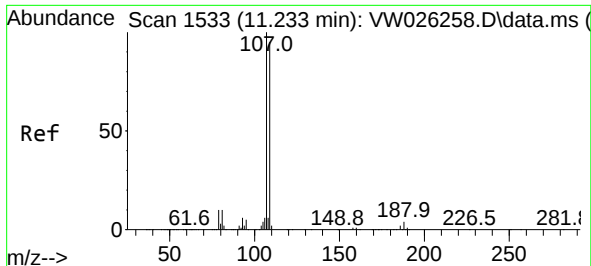


#49
Dibromochloromethane
Concen: 23.283 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 129 Resp: 56438

Ion	Ratio	Lower	Upper
129	100		
127	79.1	56.9	105.7

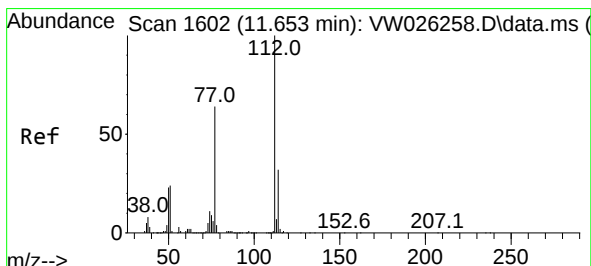
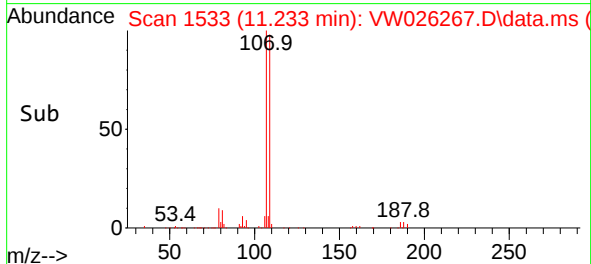
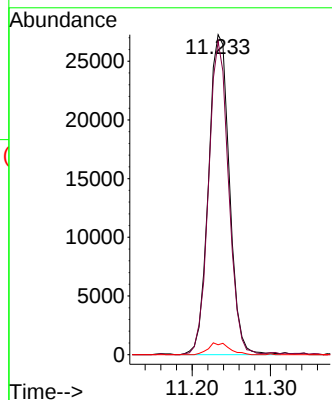
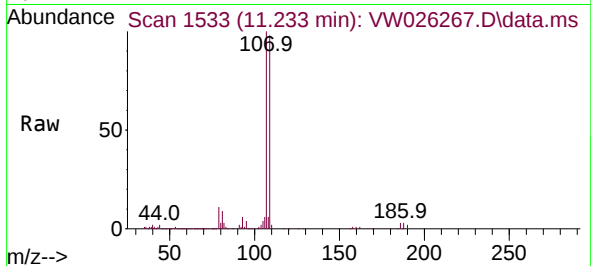




#50
1,2-Dibromoethane
Concen: 23.575 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

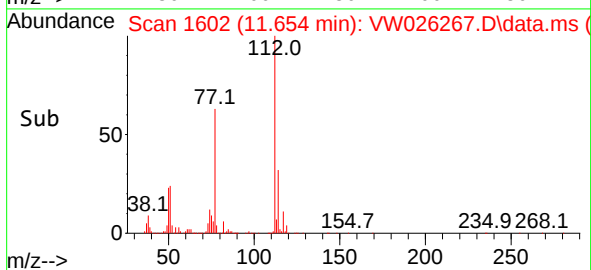
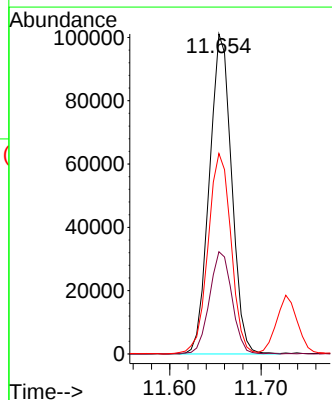
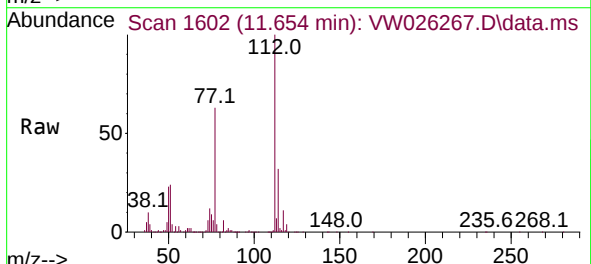
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

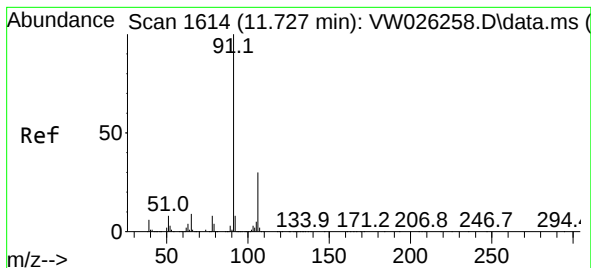
Tgt Ion:	107	Resp:	50467
Ion	Ratio	Lower	Upper
107	100		
109	97.8	64.0	119.0
188	3.1	2.6	3.8



#51
Chlorobenzene
Concen: 20.575 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion:	112	Resp:	170796
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.0	42.6
77	62.7	50.9	76.3

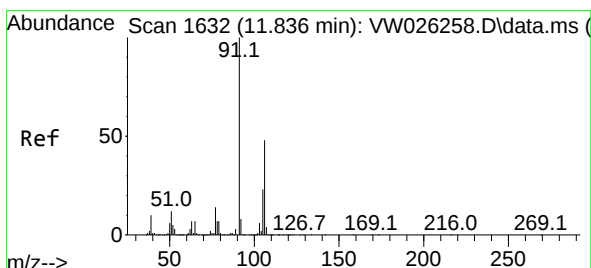
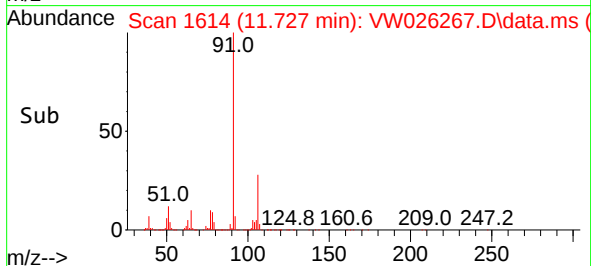
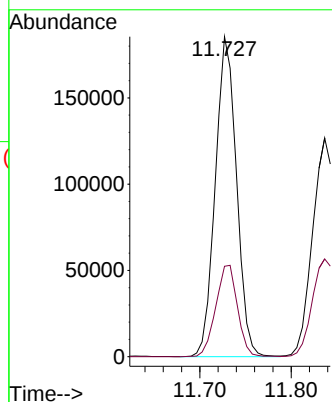
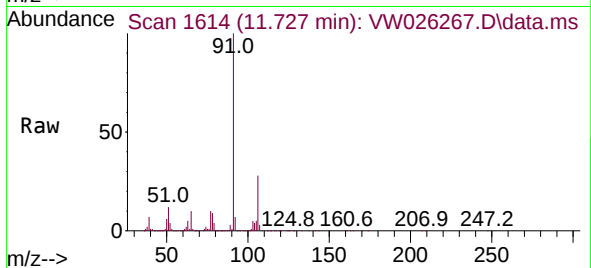




#52
Ethylbenzene
Concen: 20.014 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

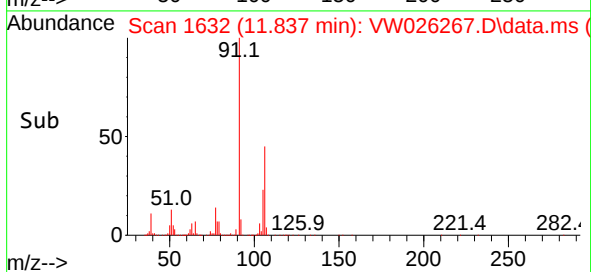
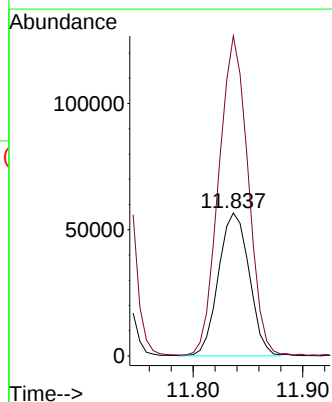
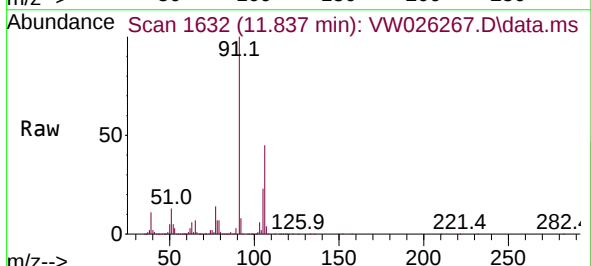
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

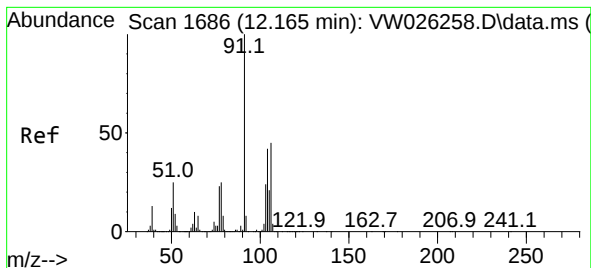
Tgt Ion: 91 Resp: 299088
Ion Ratio Lower Upper
91 100
106 28.3 21.2 39.4



#53
m,p-Xylene
Concen: 19.791 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 106 Resp: 110023
Ion Ratio Lower Upper
106 100
91 223.7 149.5 277.7





#54

o-Xylene

Concen: 20.084 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

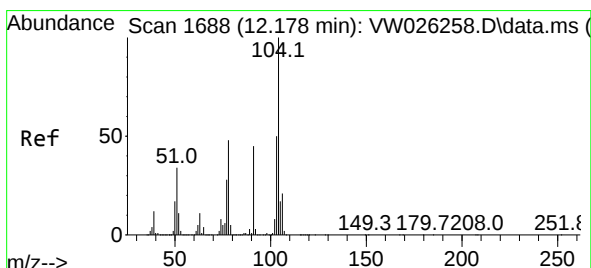
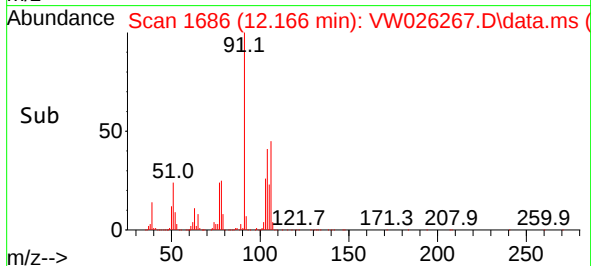
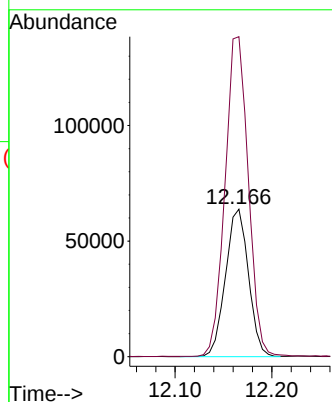
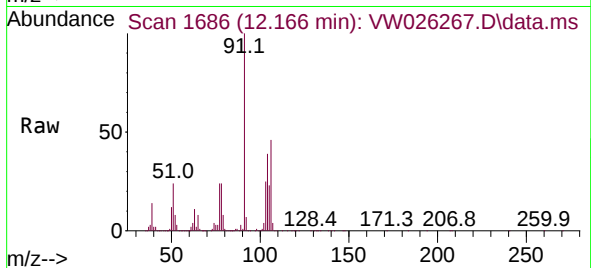
YBW01MS

Tgt Ion:106 Resp: 105380

Ion Ratio Lower Upper

106 100

91 217.0 150.9 280.3



#55

Styrene

Concen: 20.055 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026267.D

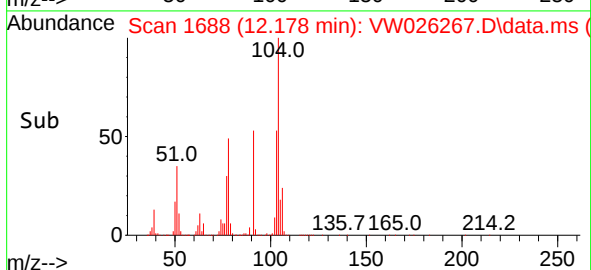
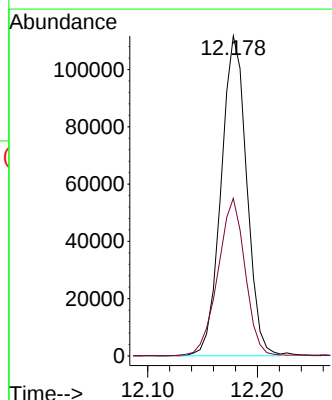
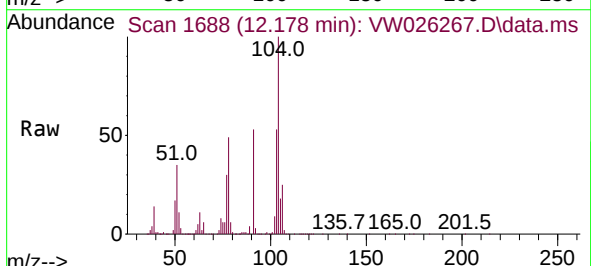
Acq: 20 Jun 2023 14:08

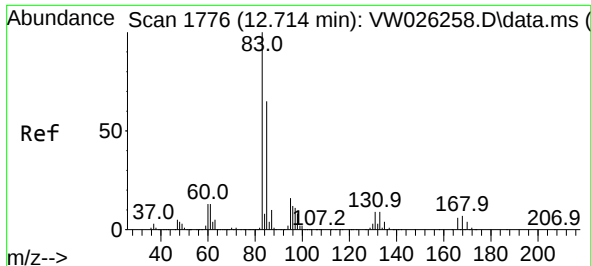
Tgt Ion:104 Resp: 180534

Ion Ratio Lower Upper

104 100

78 49.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.111 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

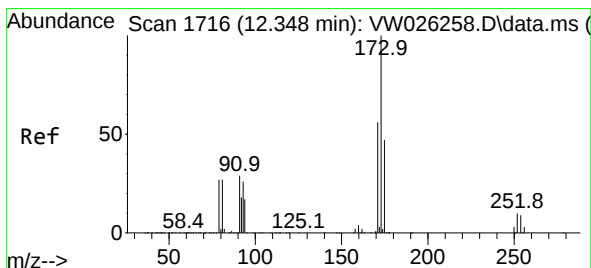
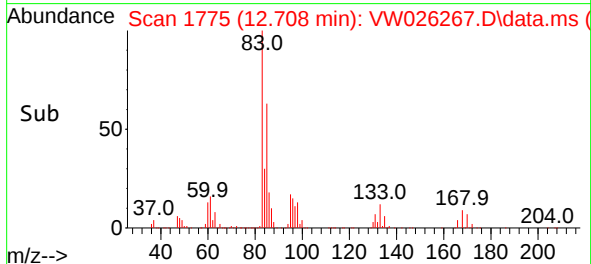
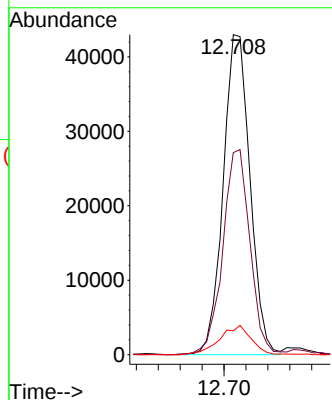
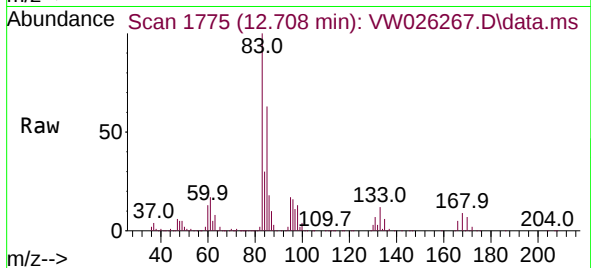
Tgt Ion: 83 Resp: 73058

Ion Ratio Lower Upper

83 100

85 63.2 42.6 79.0

131 7.5 7.2 10.8



#59

Bromoform

Concen: 24.326 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

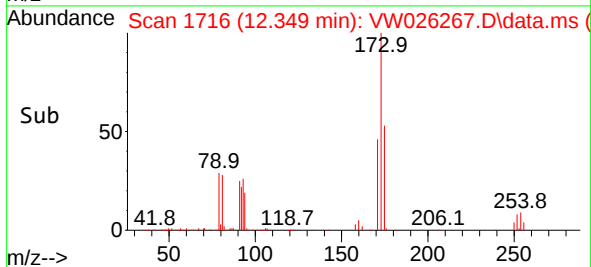
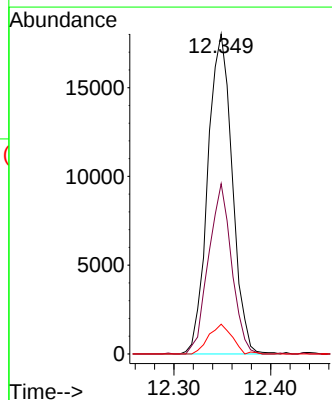
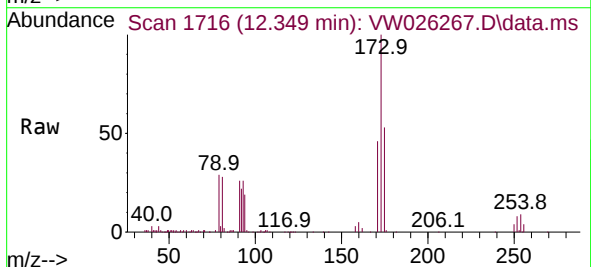
Tgt Ion:173 Resp: 31696

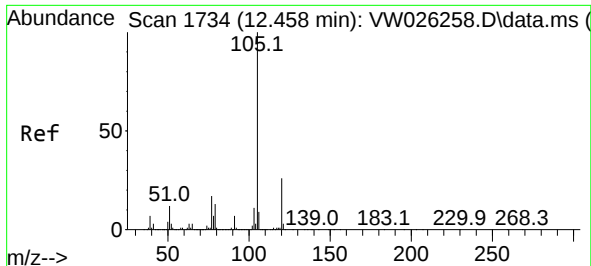
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

254 8.7 7.4 11.0

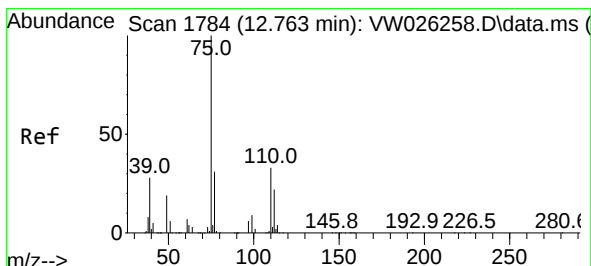
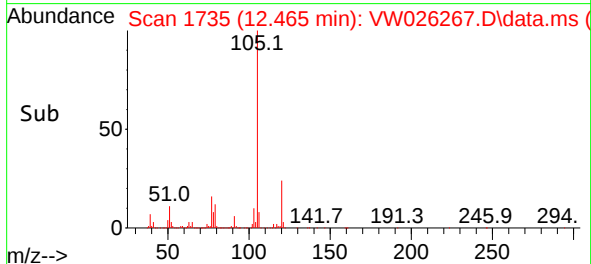
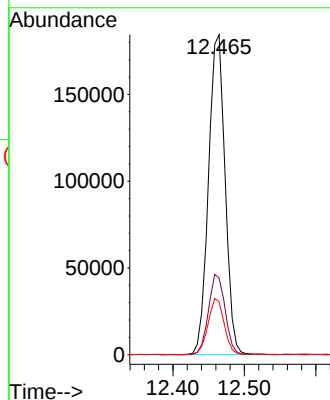
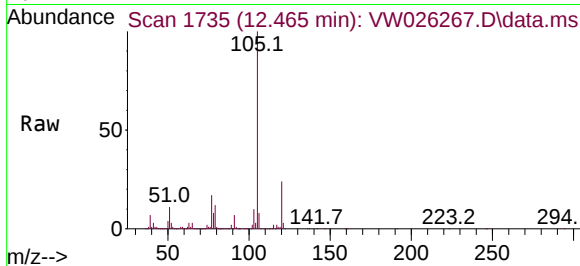




#60
Isopropylbenzene
Concen: 21.776 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.007 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

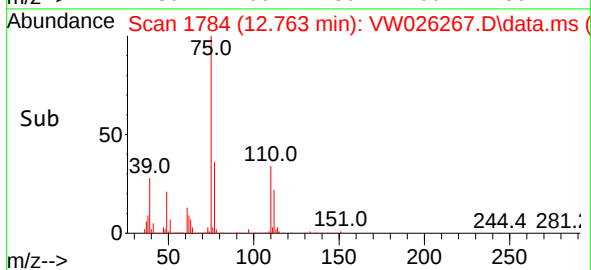
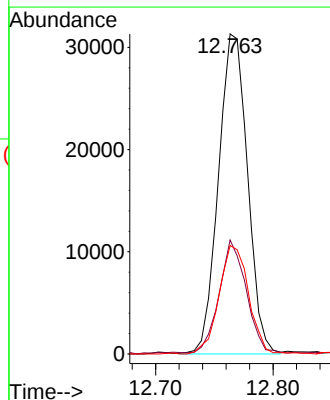
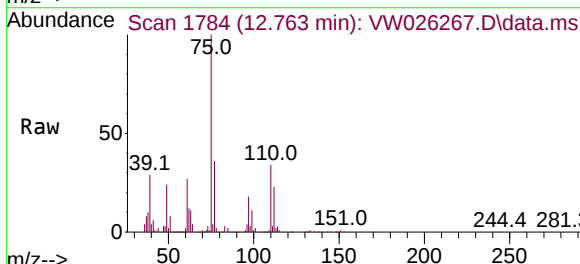
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

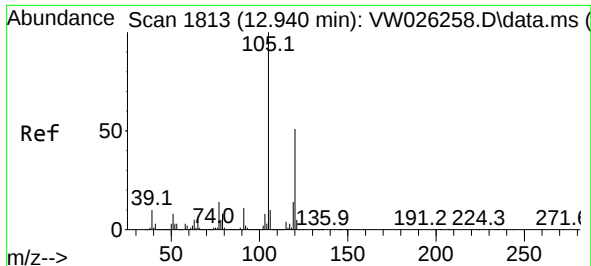
Tgt Ion:105 Resp: 296755
Ion Ratio Lower Upper
105 100
120 25.2 19.8 29.8
77 17.1 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 27.725 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion: 75 Resp: 53875
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
110 34.3 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 20.239 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

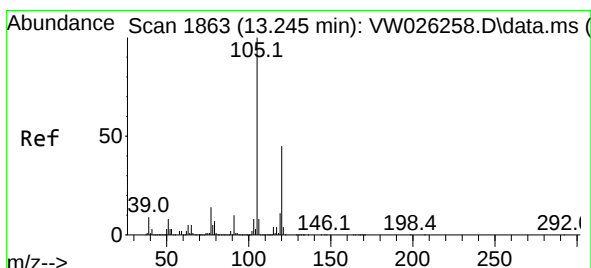
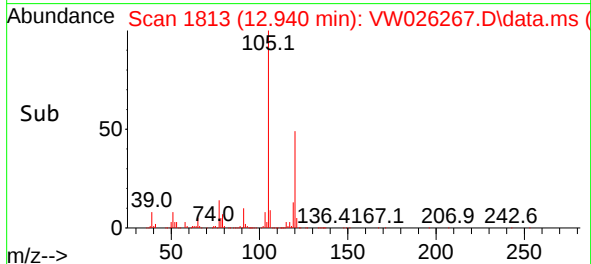
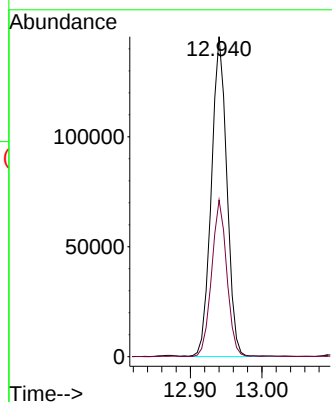
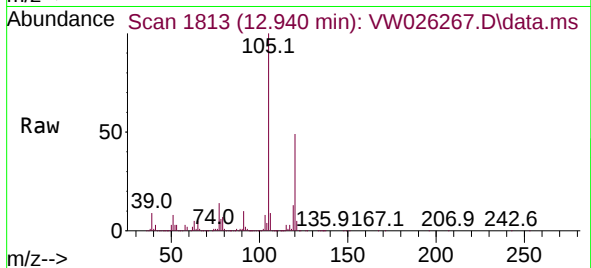
YBW01MS

Tgt Ion:105 Resp: 219254

Ion Ratio Lower Upper

105 100

120 47.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 19.679 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026267.D

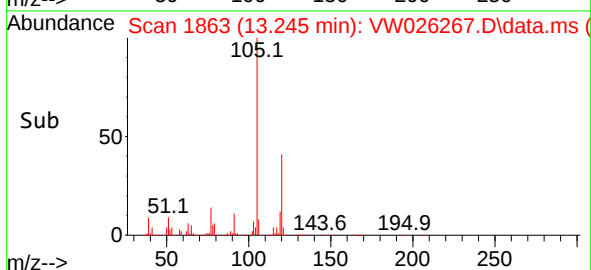
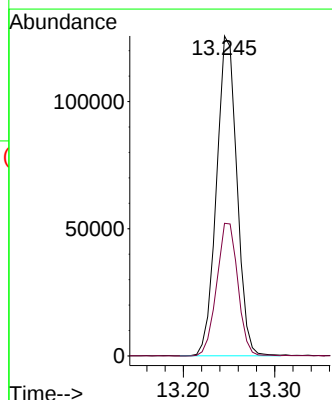
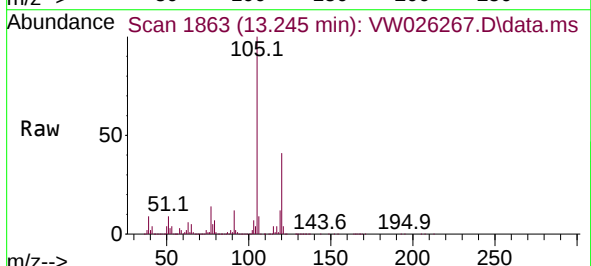
Acq: 20 Jun 2023 14:08

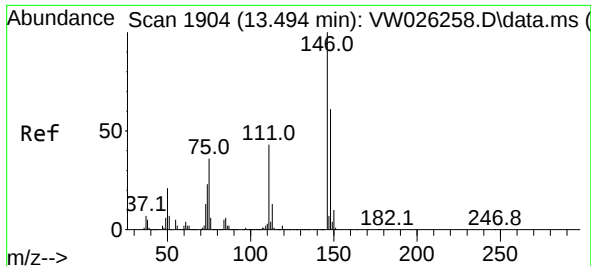
Tgt Ion:105 Resp: 195265

Ion Ratio Lower Upper

105 100

120 42.9 36.2 54.2

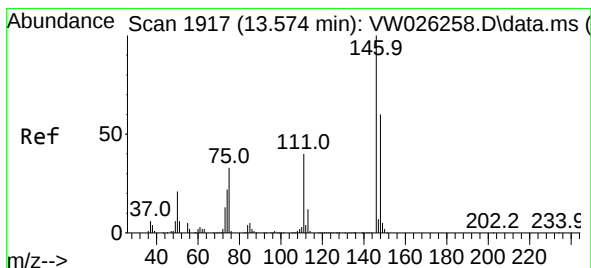
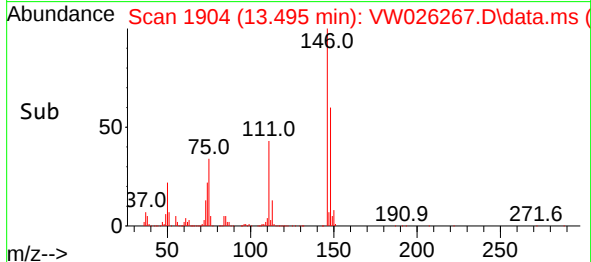
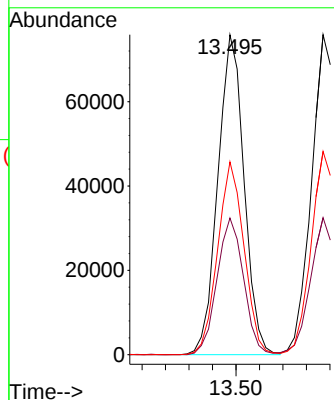
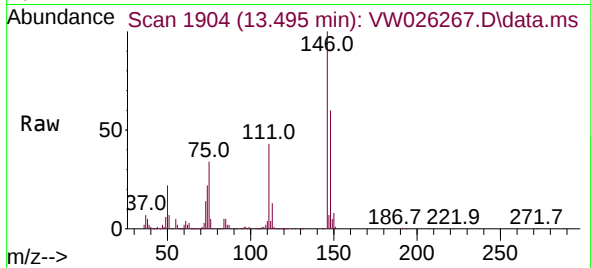




#64
1,3-Dichlorobenzene
Concen: 20.499 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

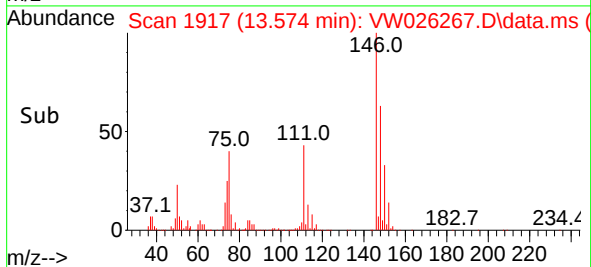
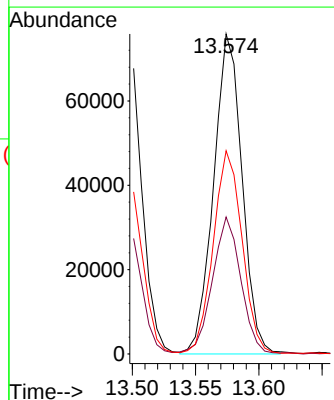
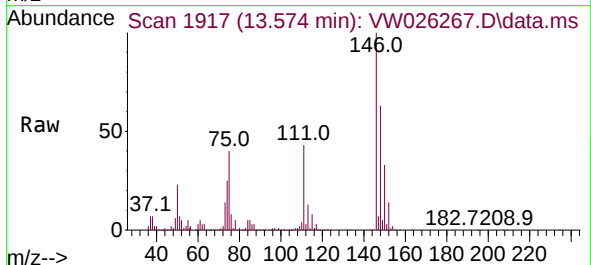
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

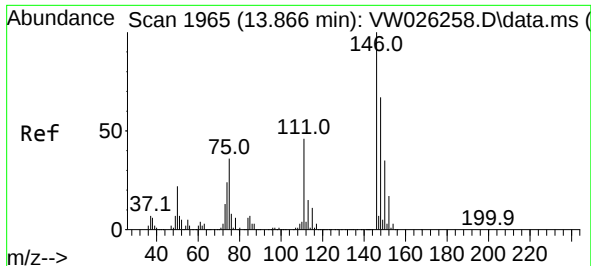
Tgt Ion:146 Resp: 117460
Ion Ratio Lower Upper
146 100
111 42.7 29.7 55.1
148 60.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.590 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026267.D
Acq: 20 Jun 2023 14:08

Tgt Ion:146 Resp: 118782
Ion Ratio Lower Upper
146 100
111 42.8 29.2 54.2
148 63.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 21.190 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

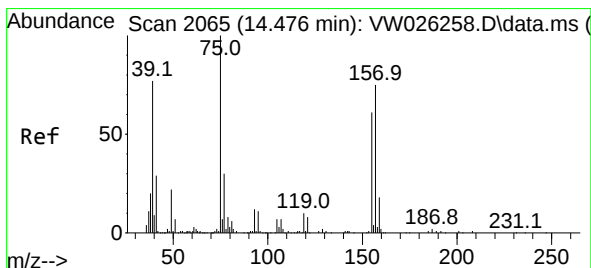
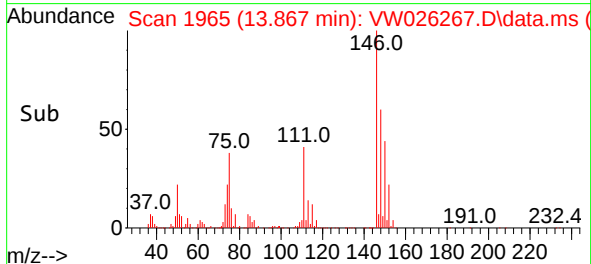
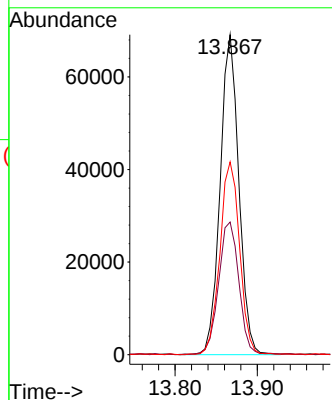
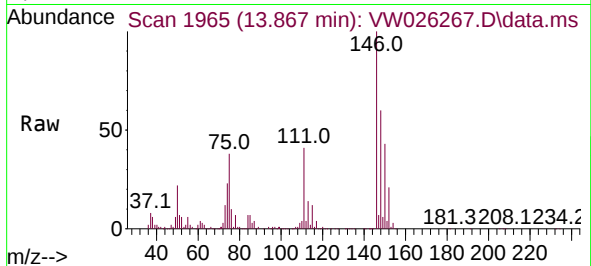
Tgt Ion:146 Resp: 109031

Ion Ratio Lower Upper

146 100

111 41.4 35.4 53.0

148 60.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.690 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

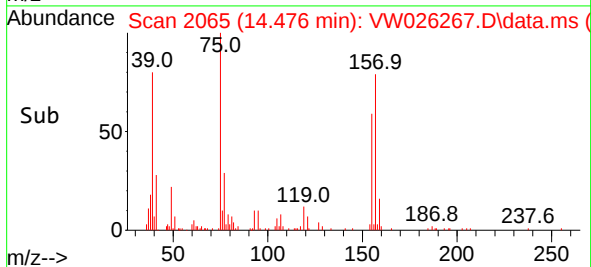
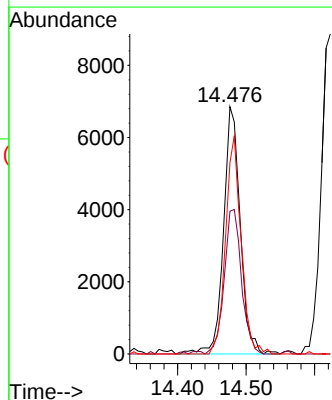
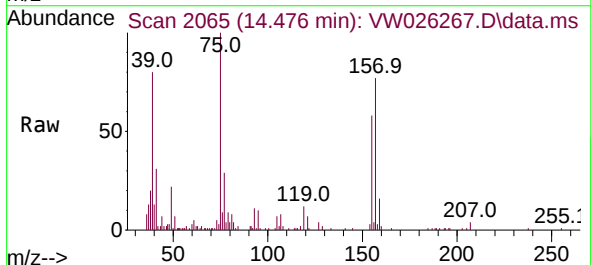
Tgt Ion: 75 Resp: 11566

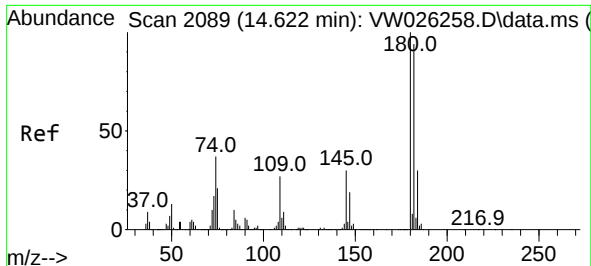
Ion Ratio Lower Upper

75 100

155 57.7 59.0 88.6#

157 77.5 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 17.565 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

Tgt Ion:180 Resp: 69137

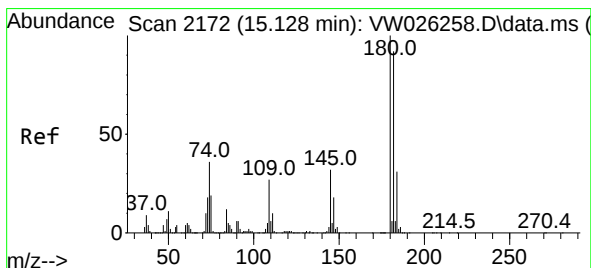
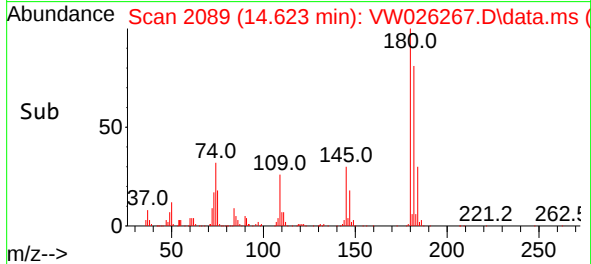
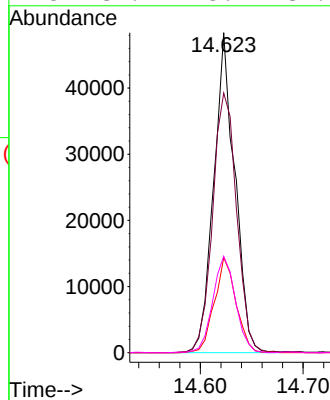
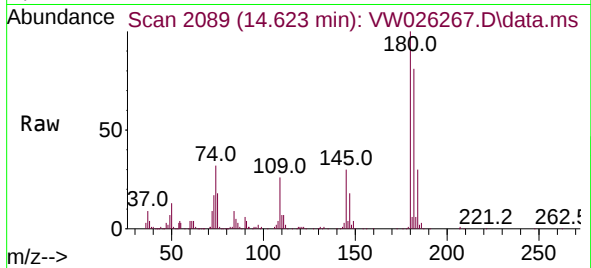
Ion Ratio Lower Upper

180 100

182 92.1 77.0 115.4

184 30.3 23.7 35.5

145 32.2 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 15.564 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

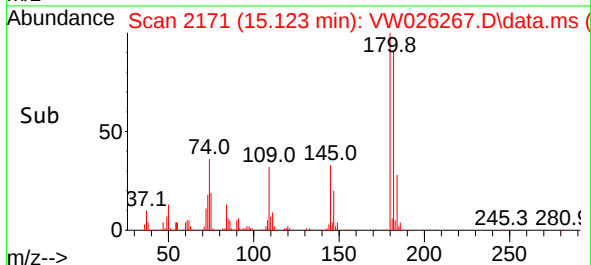
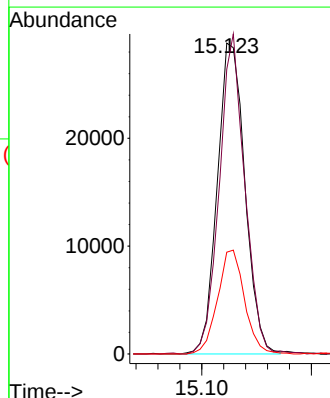
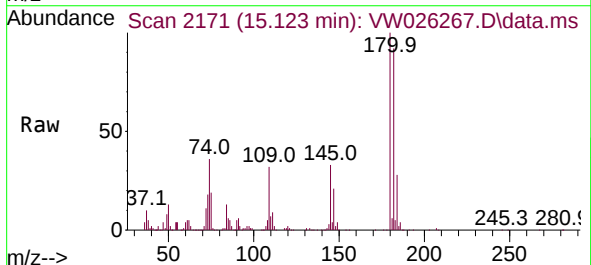
Tgt Ion:180 Resp: 50549

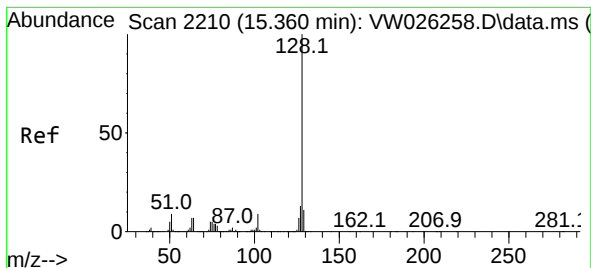
Ion Ratio Lower Upper

180 100

182 94.1 78.9 118.3

145 32.6 27.2 40.8





#71

Naphthalene

Concen: 13.777 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Instrument :

MSVOA_W

ClientSampleId :

YBW01MS

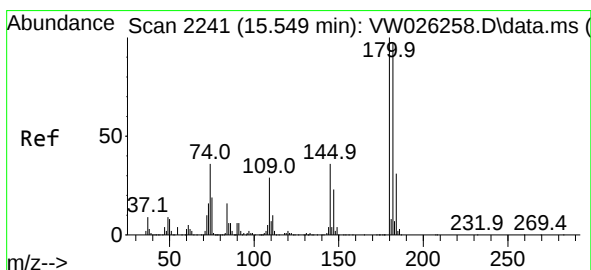
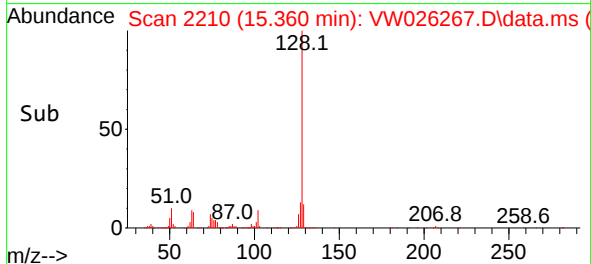
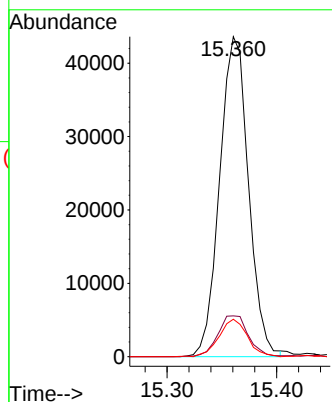
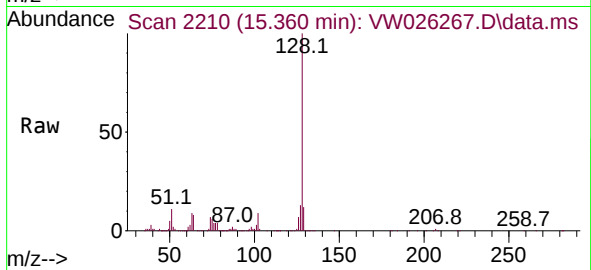
Tgt Ion:128 Resp: 79748

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 15.498 ug/L

RT: 15.556 min Scan# 2242

Delta R.T. 0.007 min

Lab File: VW026267.D

Acq: 20 Jun 2023 14:08

Tgt Ion:180 Resp: 43991

Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 35.4 27.0 40.6

