

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026255.D
 Acq On : 19 Jun 2023 18:20
 Operator : SY/MD
 Sample : 03325-03MSD
 Misc : 5.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW38MSD

Quant Time: Jun 20 03:19:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	696023	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	549740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	209724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	172601	17.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
7) Chloroethane-d5	2.893	69	170327	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	92562	19.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.075	46	220103	77.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.420%#
24) Chloroform-d	7.648	84	469908	23.055	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.307	65	263841	23.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.270	84	883688	23.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	9.270	67	304479	25.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.920%
41) Toluene-d8	10.325	98	710969	21.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.575	79	93595	20.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.600%
47) 2-Hexanone-d5	10.922	63	143667	77.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	267843	31.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	164330	20.471	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	156485	18.340	ug/L	99
3) Chloromethane	2.222	50	230857	21.101	ug/L	97
5) Vinyl chloride	2.375	62	227462	19.451	ug/L	99
6) Bromomethane	2.783	94	125871	19.744	ug/L	95
8) Chloroethane	2.930	64	140819	22.283	ug/L	98
9) Trichlorofluoromethane	3.265	101	169947	22.589	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	189789	19.992	ug/L	100
12) 1,1-Dichloroethene	4.045	96	173140	19.538	ug/L	93
13) Acetone	4.118	43	155082	70.307	ug/L	99
14) Carbon disulfide	4.387	76	449470	14.368	ug/L	100
15) Methyl Acetate	4.667	43	136260	27.524	ug/L	99
16) Methylene chloride	4.917	84	253405	22.811	ug/L	99
17) trans-1,2-Dichloroethene	5.417	96	171216	17.220	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	336385	21.466	ug/L	99
19) 1,1-Dichloroethane	6.216	63	419778	20.738	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	203848	19.355	ug/L	96
22) 2-Butanone	7.167	43	204810	65.091	ug/L	98
23) Bromochloromethane	7.514	128	88793	19.769	ug/L	97
25) Chloroform	7.673	83	391779	20.780	ug/L	97

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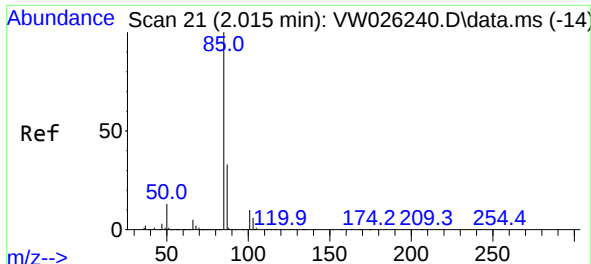
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270662	20.815	ug/L	98
29) Cyclohexane	7.959	56	351566	20.714	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	301266	22.582	ug/L	99
31) Carbon tetrachloride	8.069	117	256211	21.046	ug/L	100
33) Benzene	8.319	78	844740	22.431	ug/L	100
34) Trichloroethene	9.093	95	195788	20.303	ug/L	98
35) Methylcyclohexane	9.331	83	316517	18.550	ug/L	97
37) 1,2-Dichloropropane	9.367	63	241060	23.633	ug/L	100
38) Bromodichloromethane	9.642	83	266110	22.456	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	305351	20.371	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	380893	63.338	ug/L	100
42) Toluene	10.386	91	807683	20.969	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	246089	19.706	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164488	24.468	ug/L	99
46) Tetrachloroethene	10.861	164	124843	18.304	ug/L	94
48) 2-Hexanone	10.965	43	277707	65.494	ug/L	98
49) Dibromochloromethane	11.129	129	160104	22.716	ug/L	89
50) 1,2-Dibromoethane	11.233	107	142174	22.841	ug/L	97
51) Chlorobenzene	11.654	112	454754	18.841	ug/L	99
52) Ethylbenzene	11.727	91	853643	19.646	ug/L	97
53) m,p-Xylene	11.837	106	304144	18.816	ug/L	99
54) o-Xylene	12.166	106	301905	19.789	ug/L	99
55) Styrene	12.178	104	449783	17.184	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	211053	25.942	ug/L	99
59) Bromoform	12.349	173	91649	29.095	ug/L	96
60) Isopropylbenzene	12.464	105	824733	25.033	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155823	33.170	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	594008	22.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	516084	21.514	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	239851	17.315	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	245887	17.631	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	230557	18.534	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	31789	29.207	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122047	12.826	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	78243	9.965	ug/L	94
71) Naphthalene	15.360	128	199615	14.264	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	76209	11.106	ug/L	99

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

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The chromatogram displays a series of peaks corresponding to different chemical compounds. The y-axis represents Abundance, ranging from 0 to 1,900,000. The x-axis represents Time in minutes, ranging from 2.00 to 16.00. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

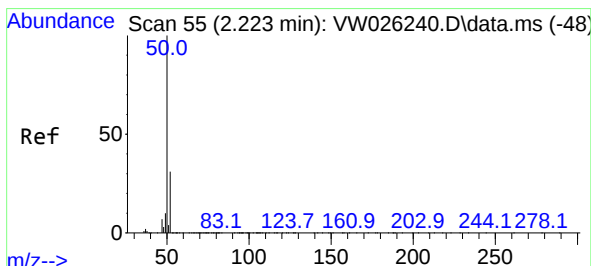
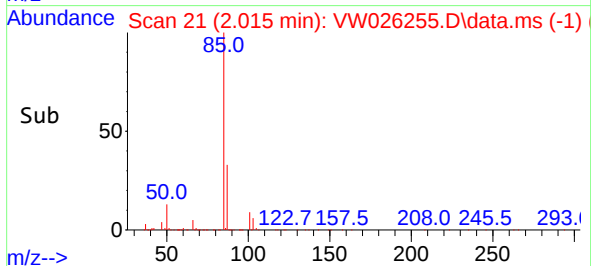
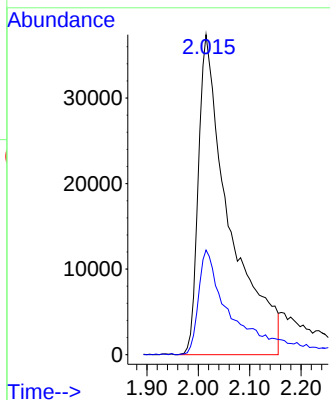
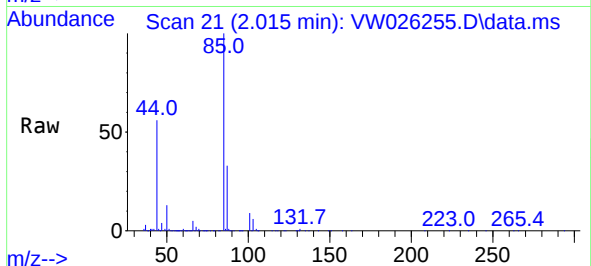
Compound	Approx. Retention Time (min)	Approx. Relative Abundance
Dichlorodifluoromethane, T	2.1	150,000
Chloromethane, T	2.3	100,000
Vinyl Chloride, d3, S	2.5	250,000
Bromomethane, T	2.8	150,000
Chloroethane, T	3.0	150,000
Trichlorofluoromethane, T	3.5	150,000
Acetone, T	4.1	450,000
1,1-Dichloroethane, T	4.2	450,000
Carbon disulfide, T	4.5	200,000
Methyl Acetate, T	4.8	250,000
Methylene chloride, T	5.1	500,000
1,1-Dichloroethane, T	6.2	300,000
2-Butanone, d5, S	7.2	450,000
Bromochloromethane, T	7.5	600,000
1,1,1-Trichloroethane, T	7.8	350,000
Carbon tetrachloride, T	8.0	350,000
1,2-Dichloroethane, T	8.3	900,000
1,4-Difluorobenzene, I	9.0	900,000
Trichloroethene, T	9.3	650,000
1,2-Dichloropropane, T	9.5	650,000
Bromodichloromethane, T	9.8	400,000
cis-1,3-Dichloropropene, T	10.1	550,000
4-Methyl-2-pentanone, T	10.2	550,000
trans-1,3-Dichloropropene, d4, S	10.5	110,000
1,1,2-Trichloroethane, T	10.8	150,000
1,1,2-Trichloroethane, T	10.9	150,000
2-Hexanone, T	11.0	150,000
Dibromodichloromethane, T	11.1	150,000
1,2-Dibromodichloroethane, I	11.2	200,000
Chlorobenzene, T	11.5	1100,000
m,p-Xylene, T	11.6	1050,000
Bromoform, T	12.2	200,000
1,2,3-Trichloropropane, T	12.5	350,000
1,2,3-Trichloropropane, T	12.6	350,000
1,3,5-Trichlorobenzene	12.8	1300,000
1,2,4-Trichlorobenzene	13.2	1050,000
1,3-Dichlorobenzene, T	13.5	650,000
1,2-Dichlorobenzene, T	13.8	900,000
1,3,5-Trichlorobenzene	14.5	130,000
1,2,4-trichlorobenzene, T	15.1	250,000
Naphthalene	15.2	250,000
1,2,3-Trichlorobenzene, T	15.5	250,000



#2
 Dichlorodifluoromethane
 Concen: 18.340 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
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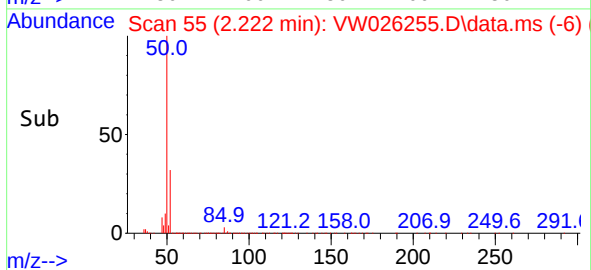
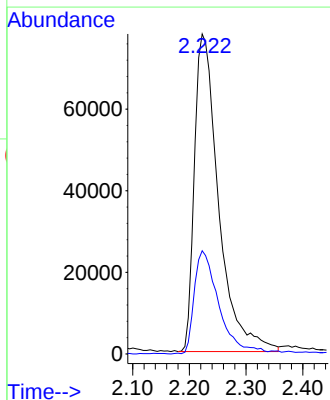
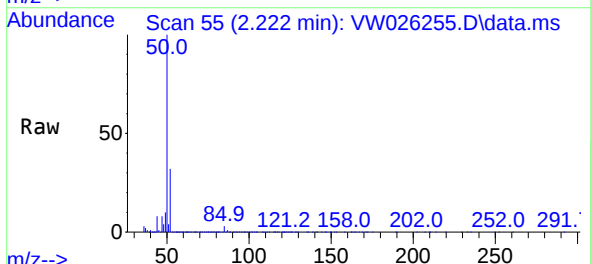
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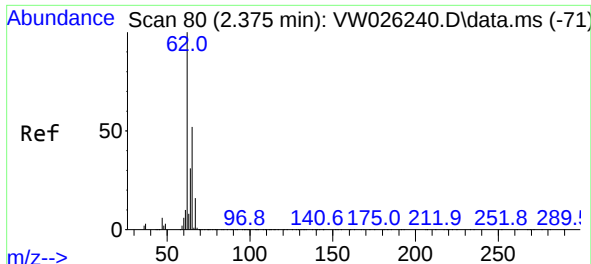
Tgt Ion: 85 Resp: 156485
 Ion Ratio Lower Upper
 85 100
 87 27.1 22.2 33.2



#3
 Chloromethane
 Concen: 21.101 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026255.D
 Acq: 19 Jun 2023 18:20

Tgt Ion: 50 Resp: 230857
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.3 39.6

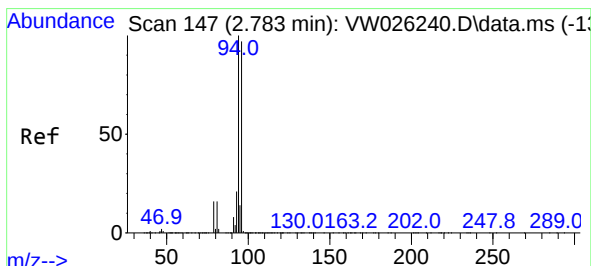
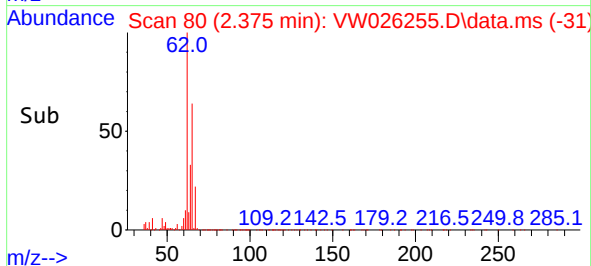
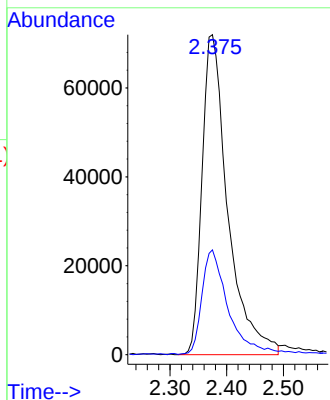
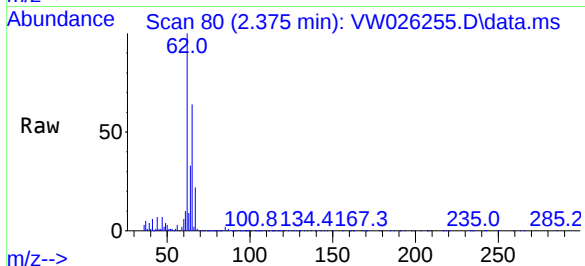




#5
 Vinyl chloride
 Concen: 19.451 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026255.D
 Acq: 19 Jun 2023 18:20

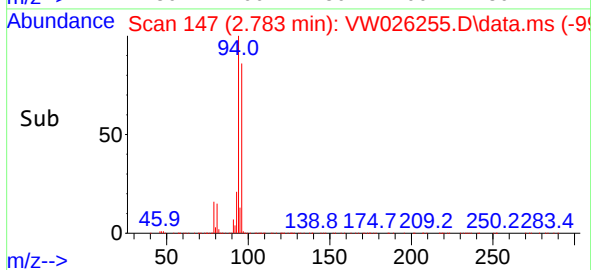
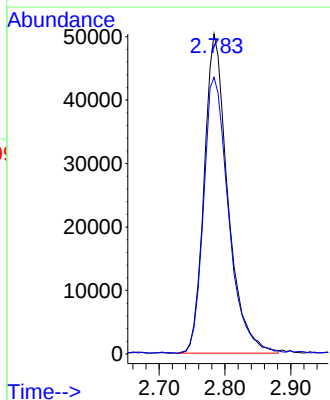
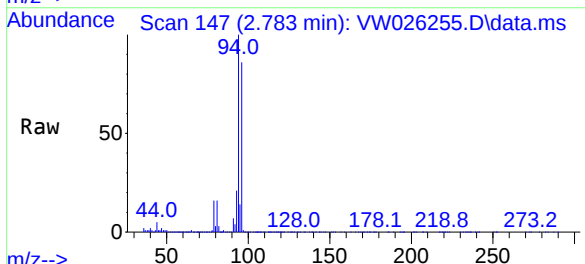
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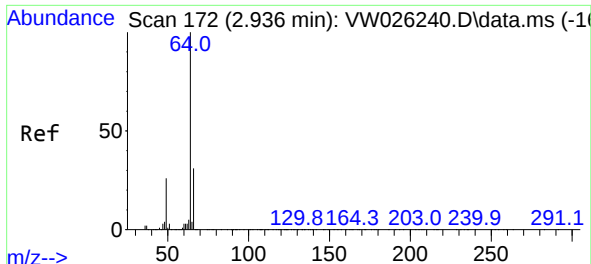
Tgt Ion: 62 Resp: 227462
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.1



#6
 Bromomethane
 Concen: 19.744 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026255.D
 Acq: 19 Jun 2023 18:20

Tgt Ion: 94 Resp: 125871
 Ion Ratio Lower Upper
 94 100
 96 86.5 64.2 119.2

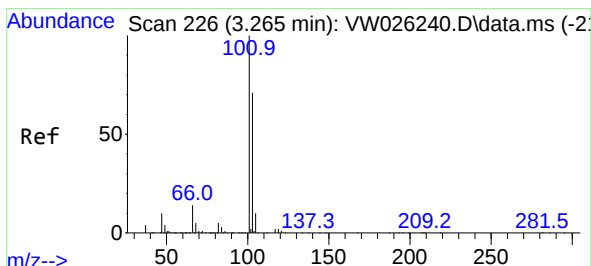
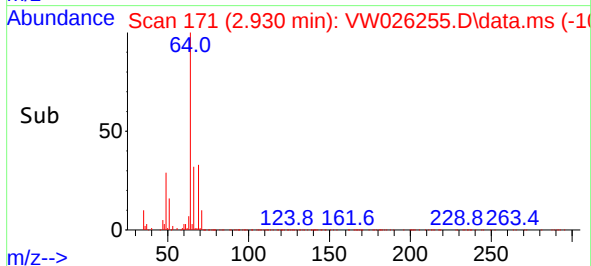
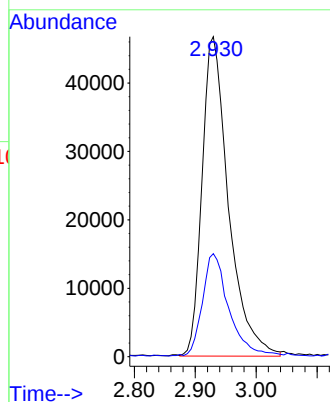
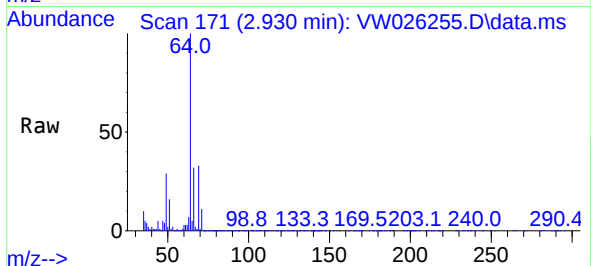




#8
Chloroethane
Concen: 22.283 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

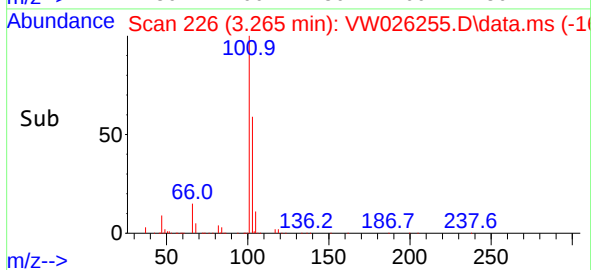
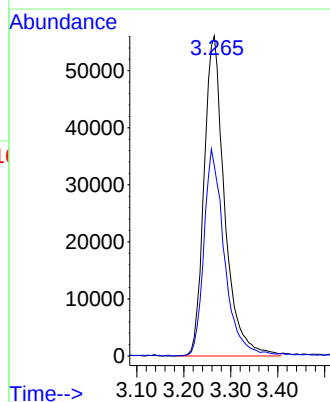
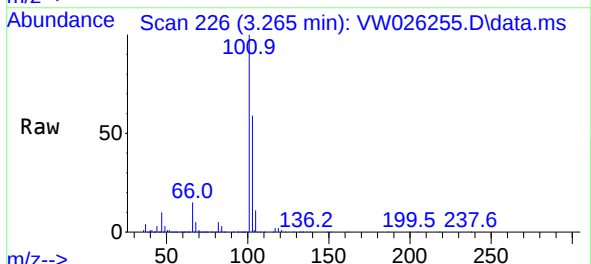
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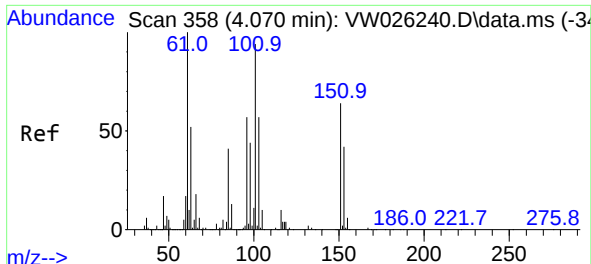
Tgt Ion: 64 Resp: 140819
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.589 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026255.D
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Tgt Ion:101 Resp: 169947
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

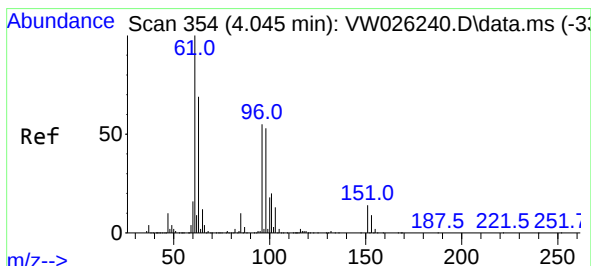
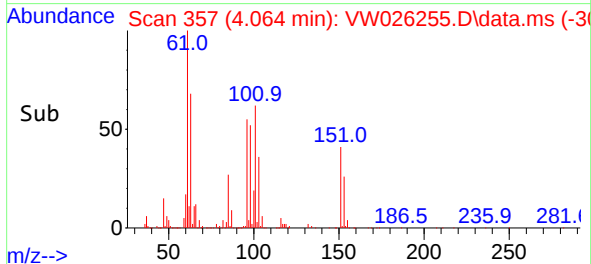
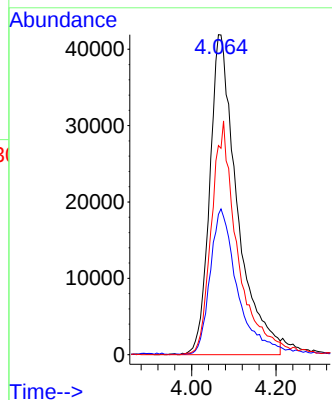
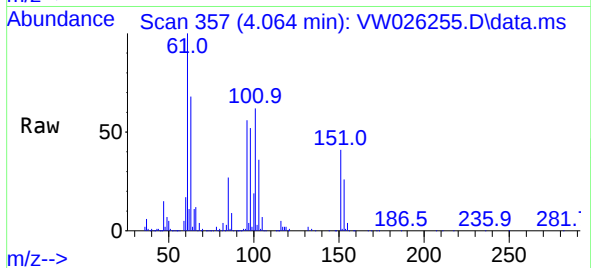




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.992 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

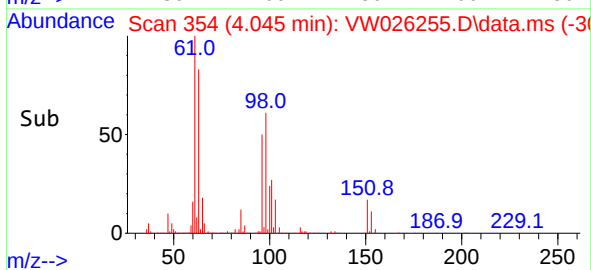
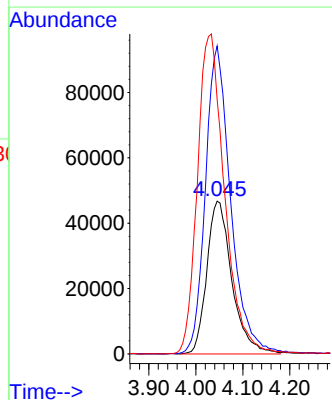
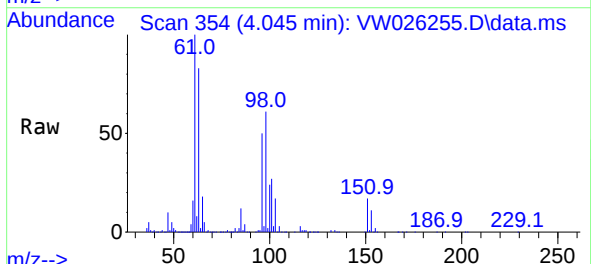
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ClientSampleId :
YBW38MSD

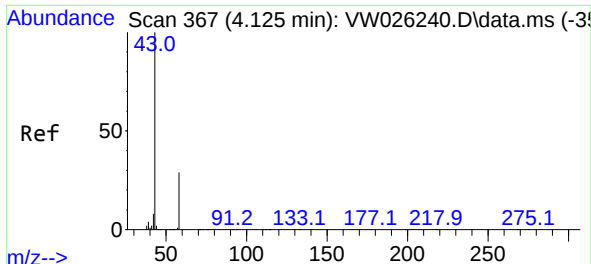
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Ion Ratio Lower Upper
101 100
85 45.2 36.1 54.1
151 69.4 55.1 82.7



#12
1,1-Dichloroethene
Concen: 19.538 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW026255.D
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Tgt Ion: 96 Resp: 173140
Ion Ratio Lower Upper
96 100
61 201.6 140.6 261.0
63 166.4 131.7 244.5

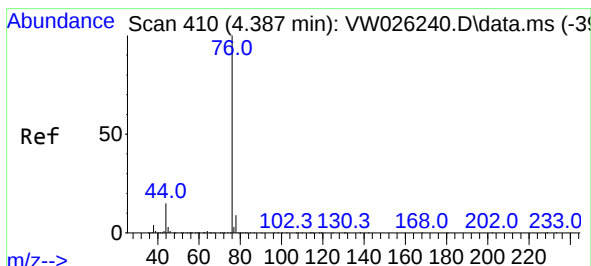
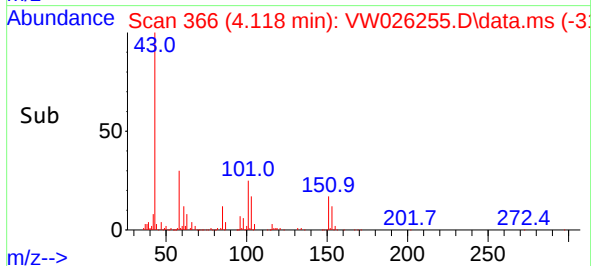
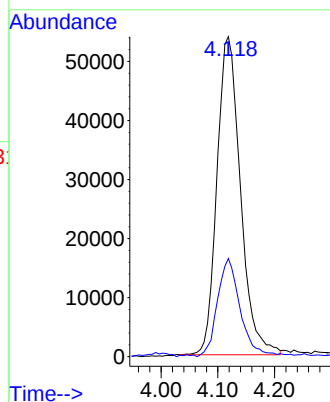
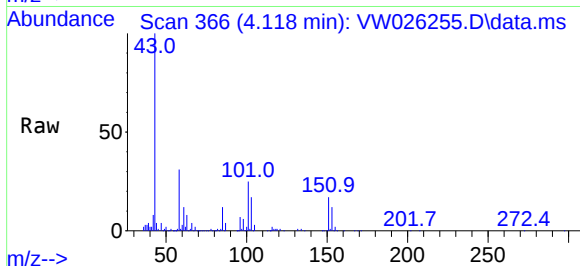




#13
Acetone
Concen: 70.307 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

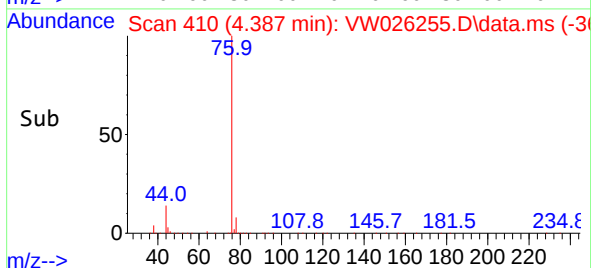
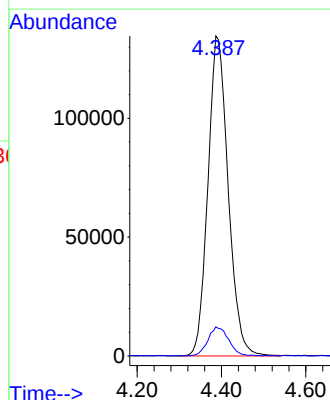
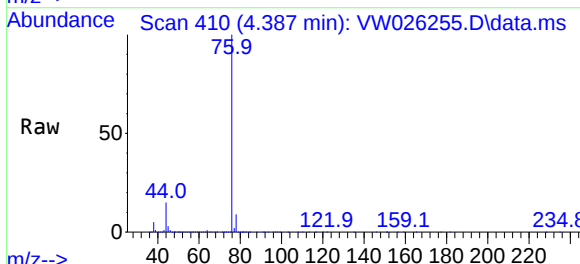
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

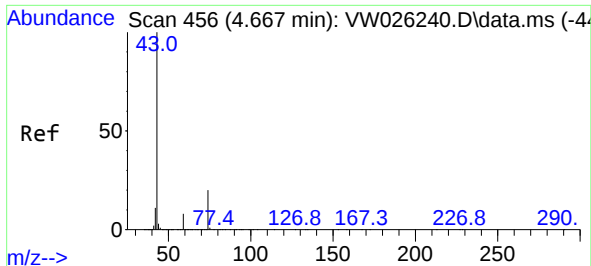
Tgt Ion: 43 Resp: 155082
Ion Ratio Lower Upper
43 100
58 29.5 0.0 58.2



#14
Carbon disulfide
Concen: 14.368 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 76 Resp: 449470
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

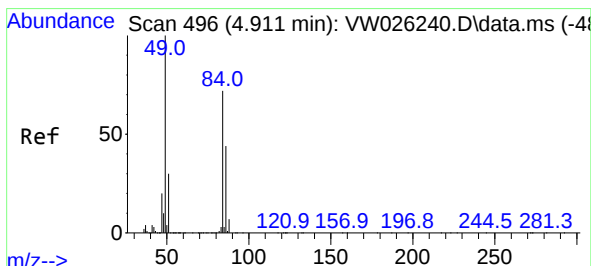
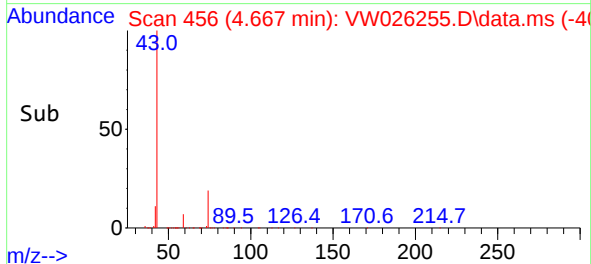
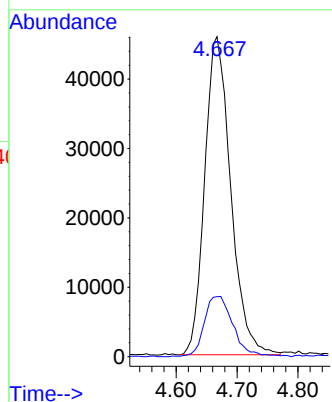
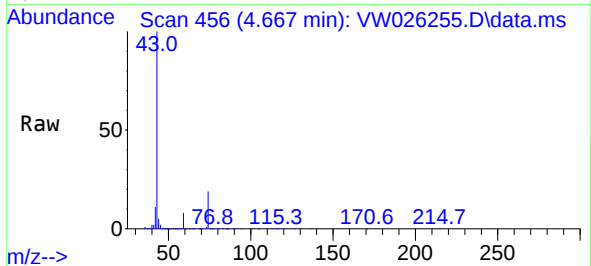




#15
Methyl Acetate
Concen: 27.524 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

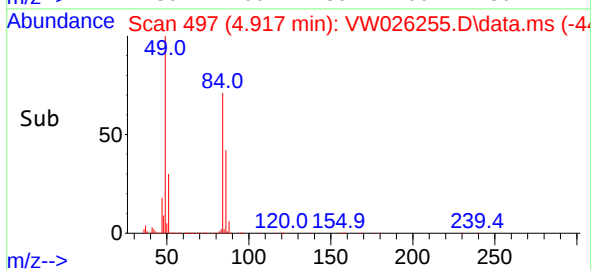
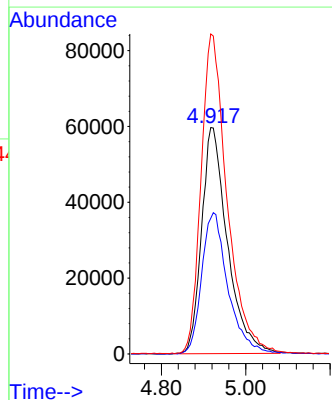
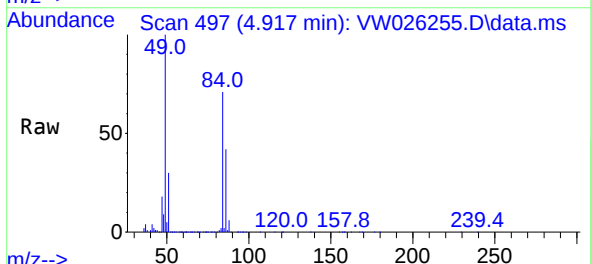
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

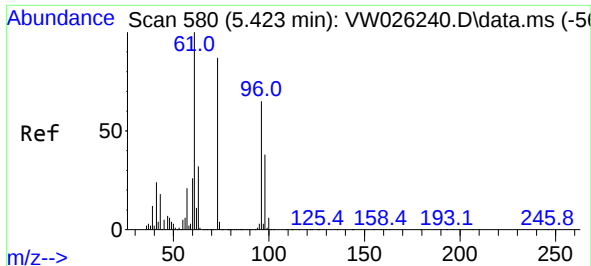
Tgt Ion: 43 Resp: 136260
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0



#16
Methylene chloride
Concen: 22.811 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 84 Resp: 253405
Ion Ratio Lower Upper
84 100
86 59.9 44.2 82.0
49 141.4 98.8 183.6

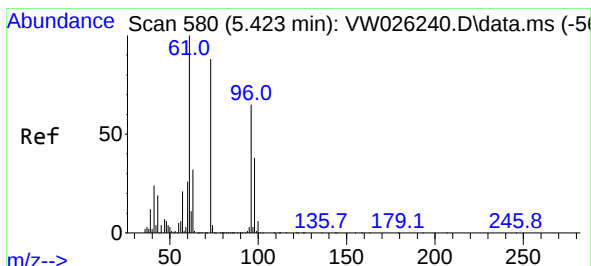
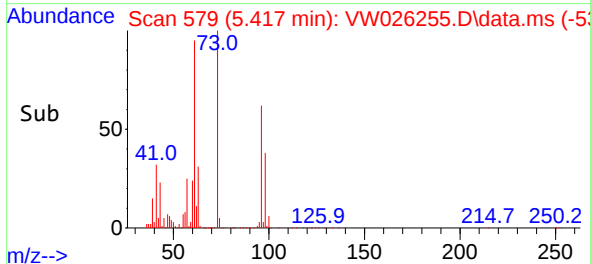
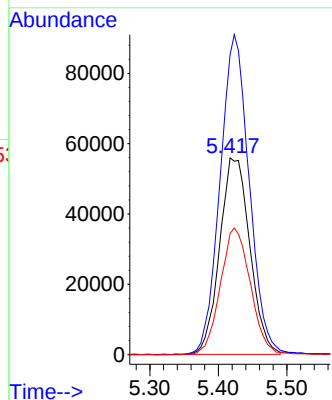
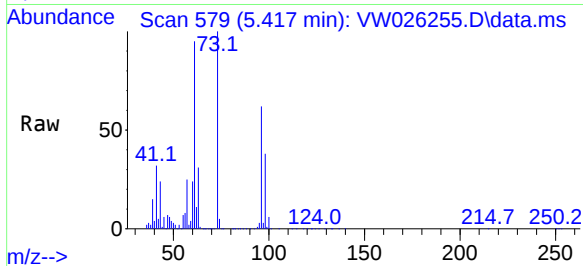




#17
trans-1,2-Dichloroethene
Concen: 17.220 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

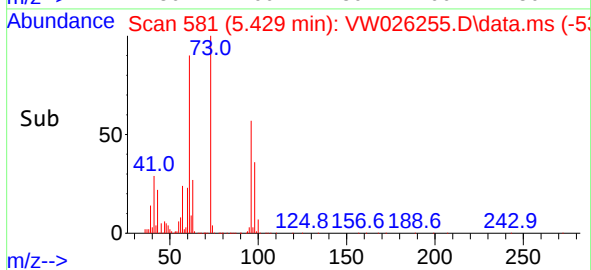
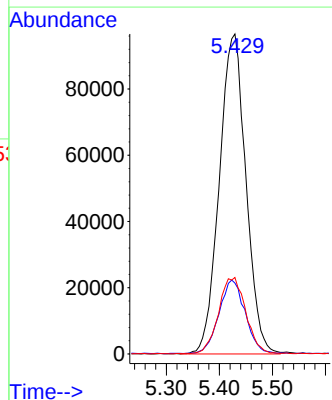
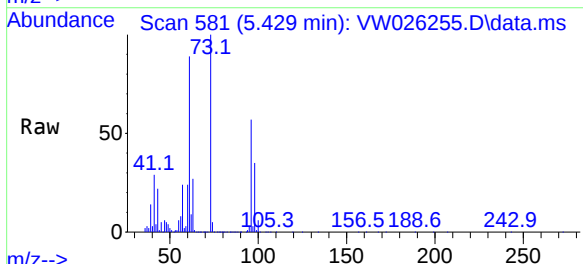
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

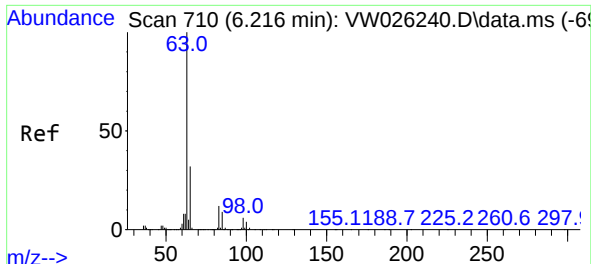
Tgt Ion: 96 Resp: 171216
Ion Ratio Lower Upper
96 100
61 152.5 113.0 209.8
98 61.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.466 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 73 Resp: 336385
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.738 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

Instrument :

MSVOA_W

ClientSampleId :

YBW38MSD

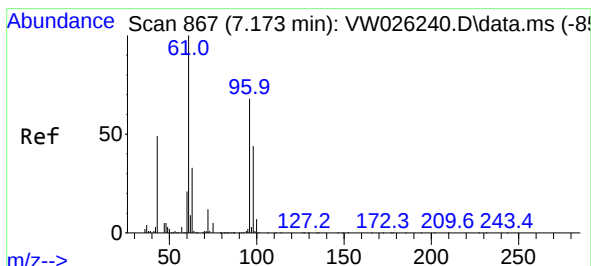
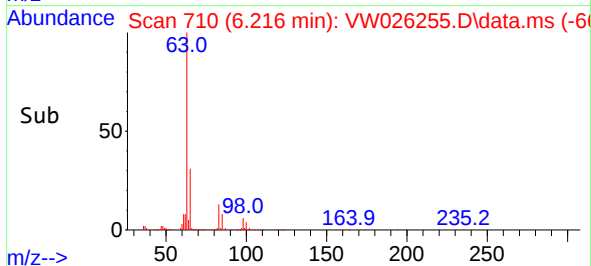
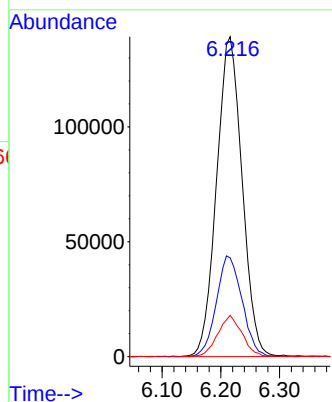
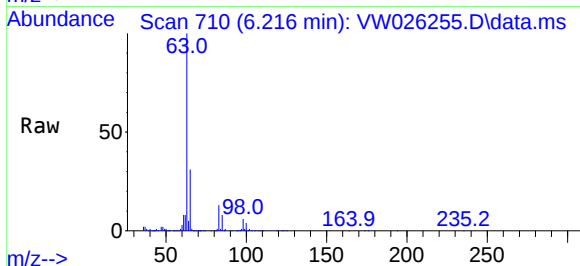
Tgt Ion: 63 Resp: 419778

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 19.355 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

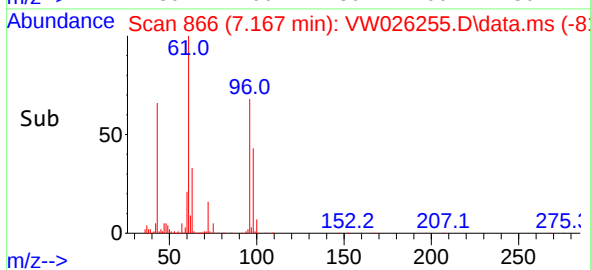
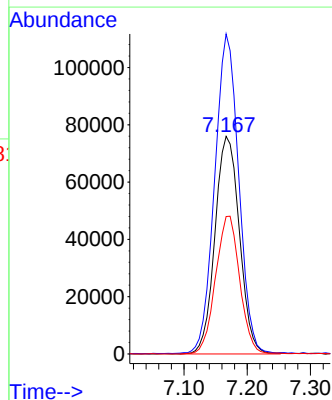
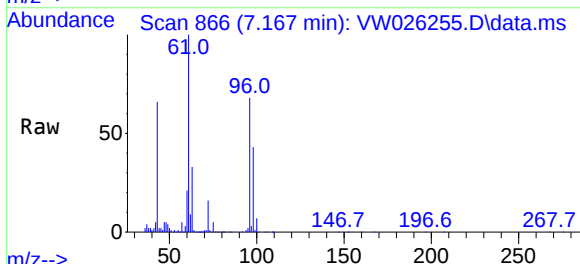
Tgt Ion: 96 Resp: 203848

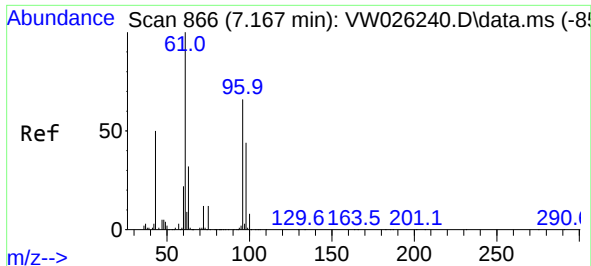
Ion Ratio Lower Upper

96 100

61 147.1 98.4 182.8

98 63.2 45.2 84.0

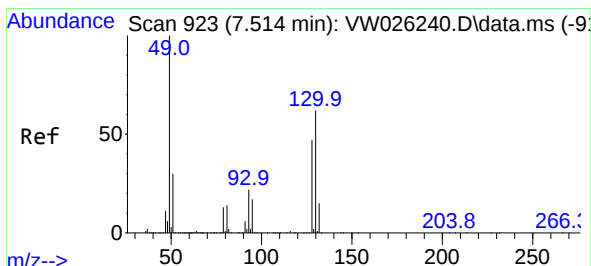
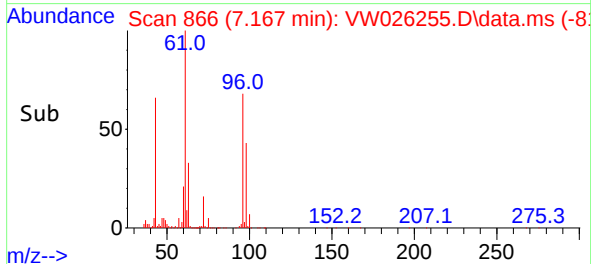
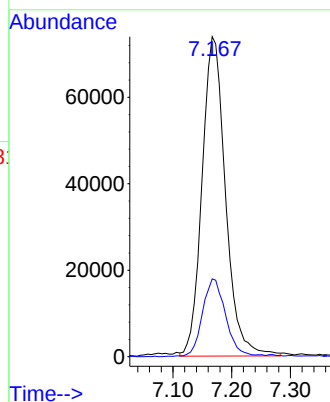
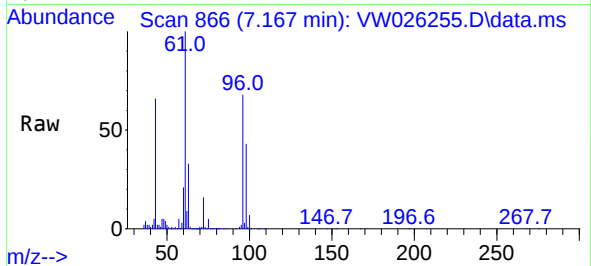




#22
2-Butanone
Concen: 65.091 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

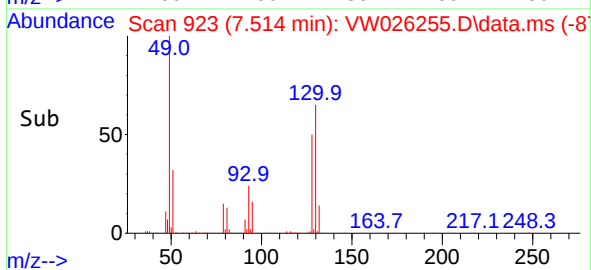
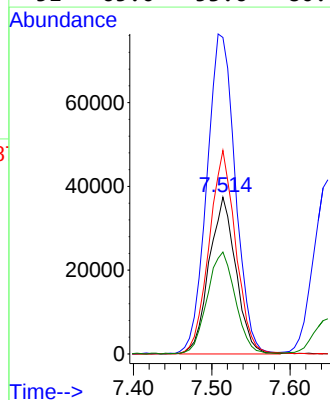
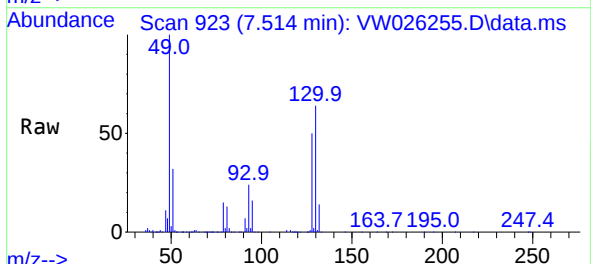
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

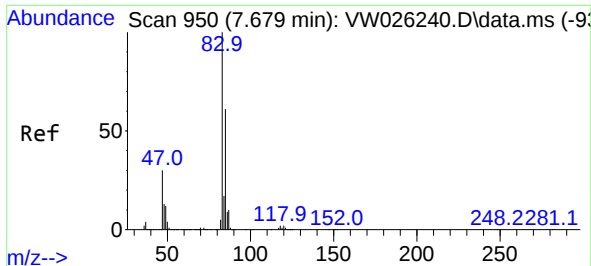
Tgt Ion: 43 Resp: 204810
Ion Ratio Lower Upper
43 100
72 23.8 12.4 37.4



#23
Bromochloromethane
Concen: 19.769 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 128 Resp: 88793
Ion Ratio Lower Upper
128 100
49 201.9 140.6 261.0
130 129.7 86.0 159.6
51 65.0 53.6 80.4

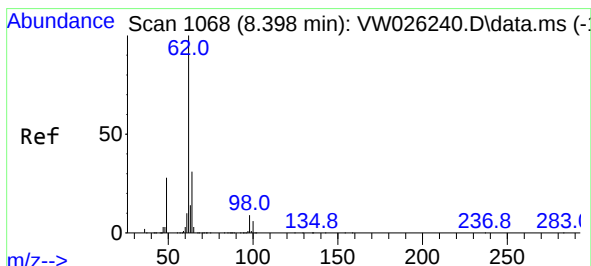
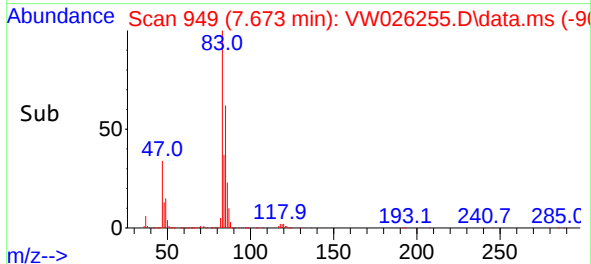
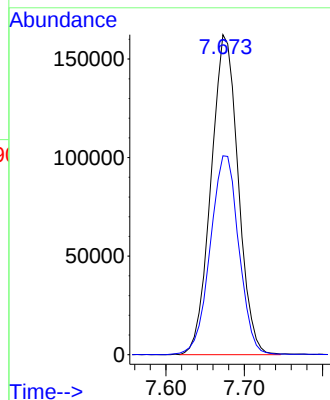
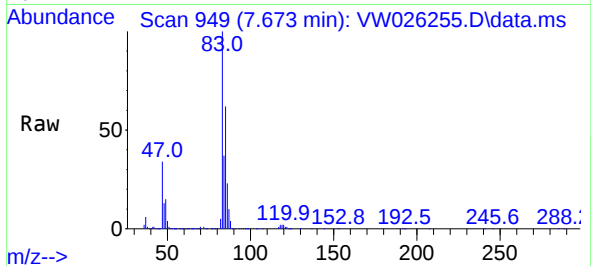




#25
Chloroform
Concen: 20.780 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

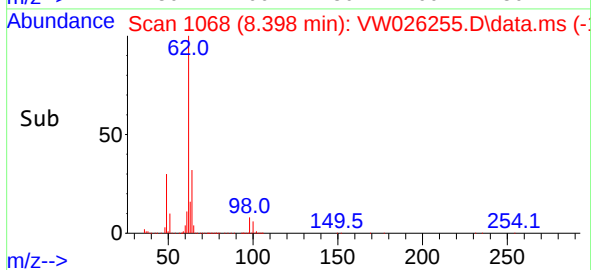
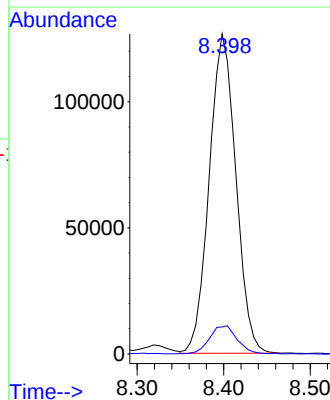
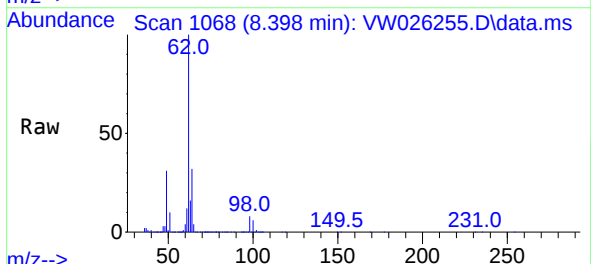
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

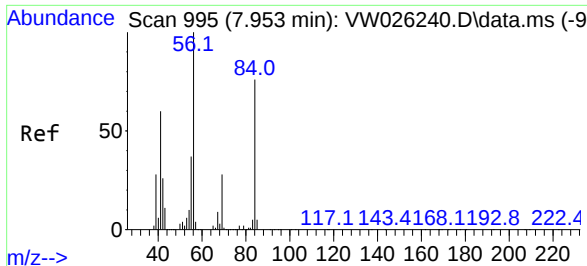
Tgt Ion: 83 Resp: 391779
Ion Ratio Lower Upper
83 100
85 62.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.815 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 62 Resp: 270662
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.2

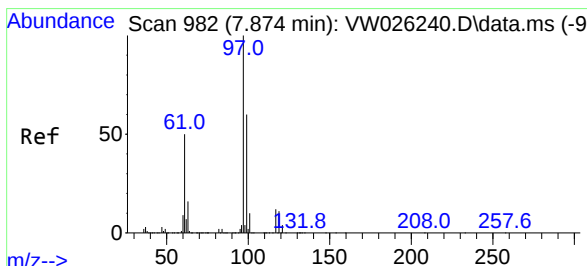
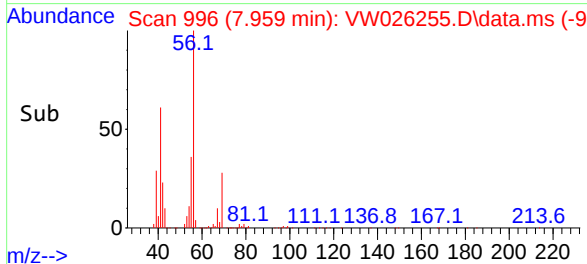
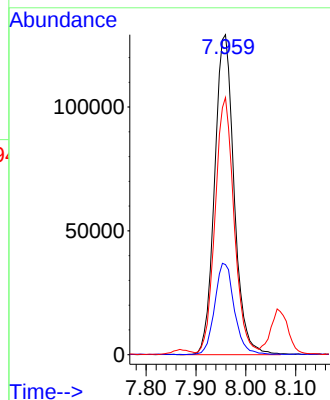
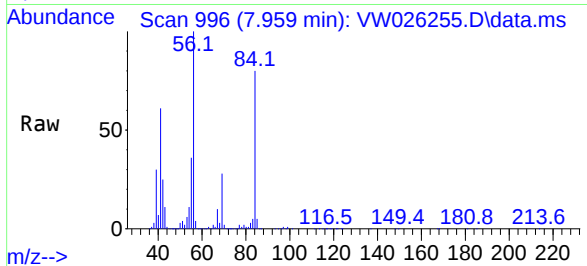




#29
Cyclohexane
Concen: 20.714 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

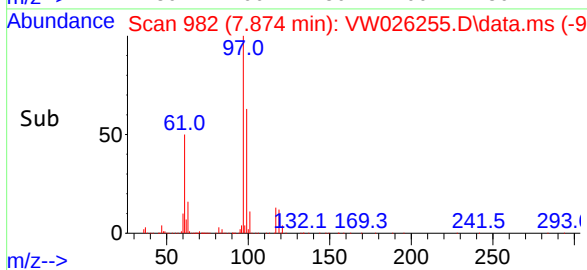
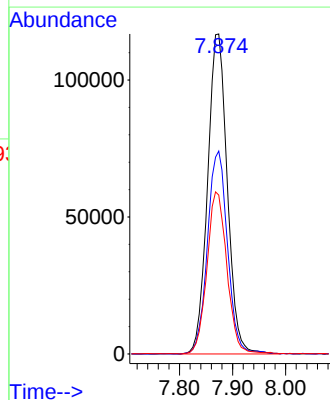
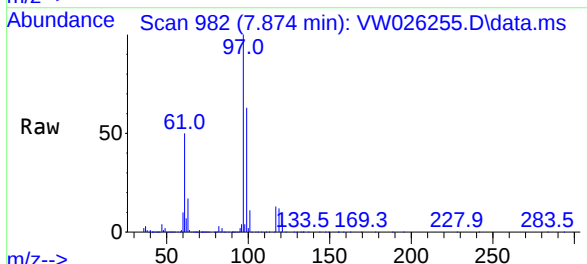
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

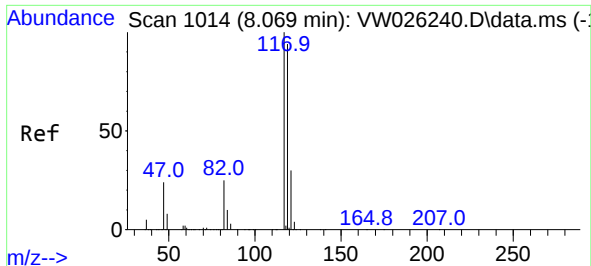
Tgt Ion: 56 Resp: 351566
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.4 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 22.582 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 97 Resp: 301266
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 51.4 40.5 60.7

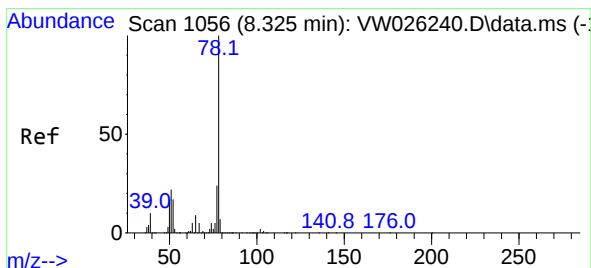
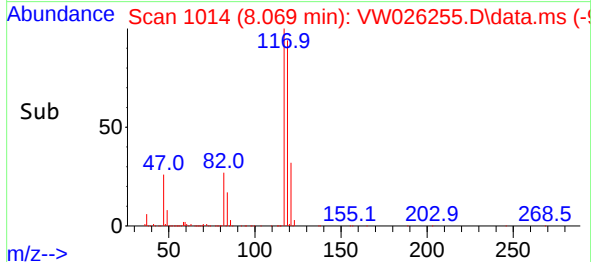
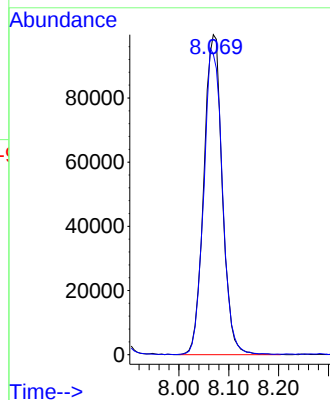
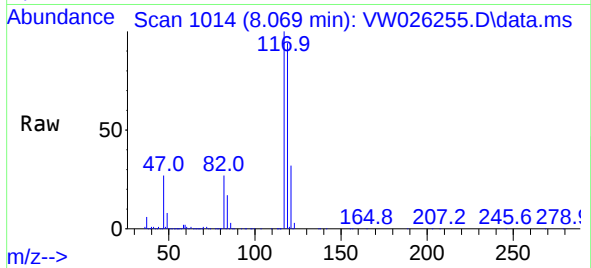




#31
Carbon tetrachloride
Concen: 21.046 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

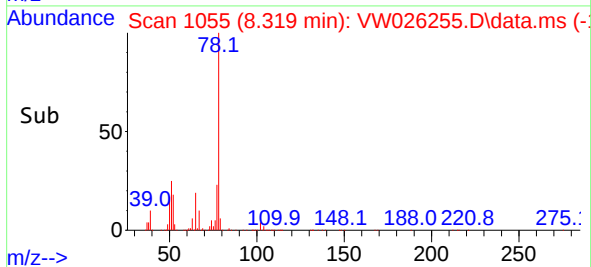
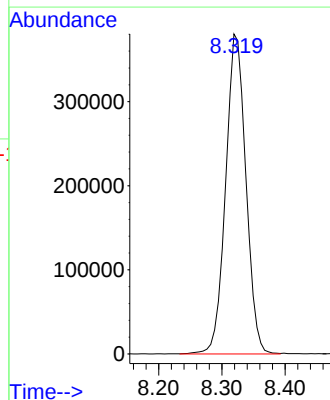
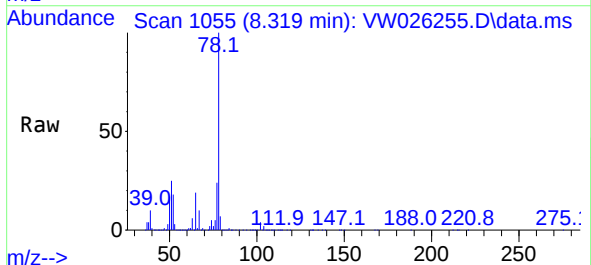
Instrument : MSVOA_W
ClientSampleId : YBW38MSD

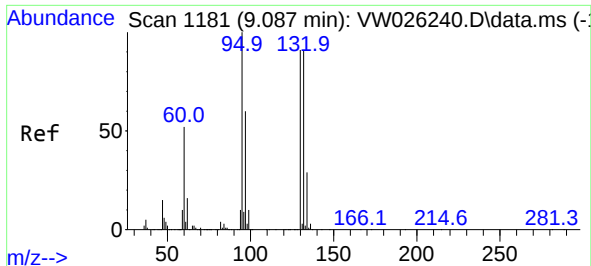
Tgt Ion:117 Resp: 256211
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2



#33
Benzene
Concen: 22.431 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 78 Resp: 844740

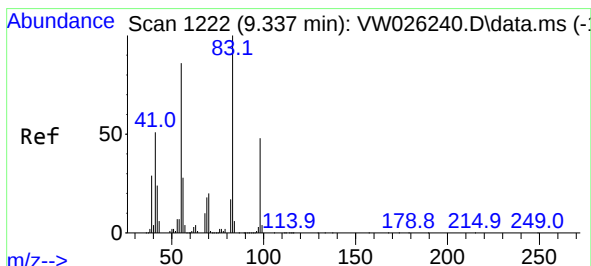
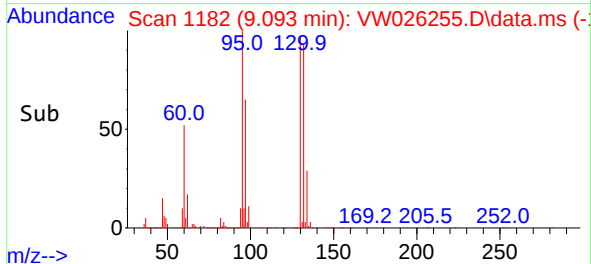
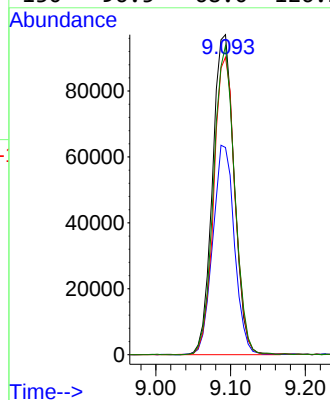
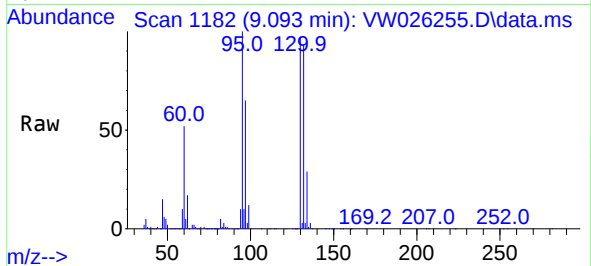




#34
Trichloroethene
Concen: 20.303 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

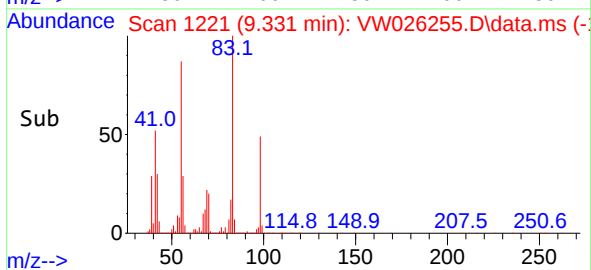
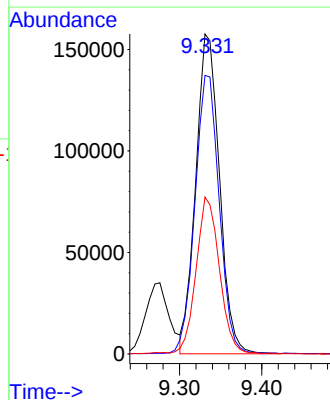
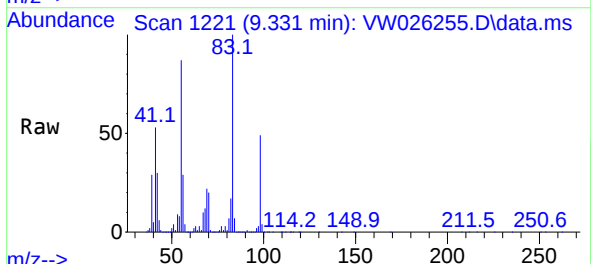
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

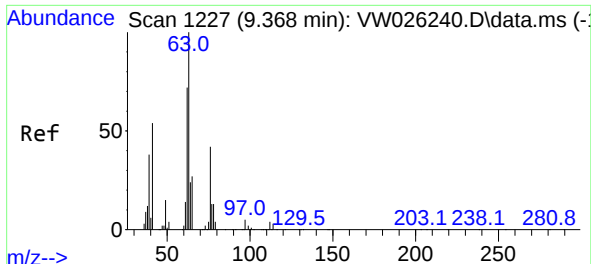
Tgt Ion: 95 Resp: 195788
Ion Ratio Lower Upper
95 100
97 64.8 45.9 85.3
132 92.9 67.1 124.7
130 96.5 68.0 126.2



#35
Methylcyclohexane
Concen: 18.550 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 83 Resp: 316517
Ion Ratio Lower Upper
83 100
55 89.1 68.2 102.4
98 48.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.633 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

Instrument :

MSVOA_W

ClientSampleId :

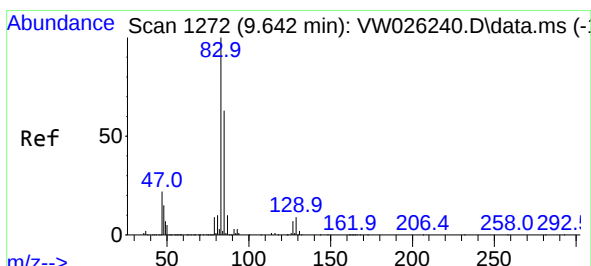
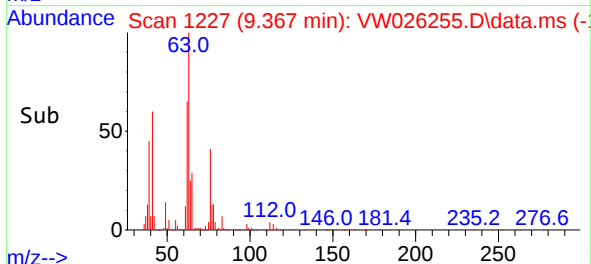
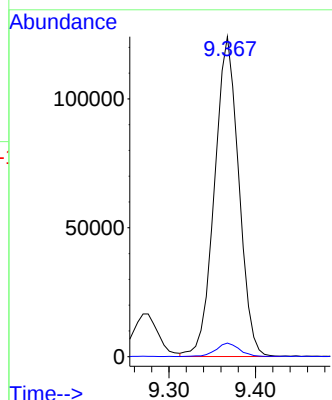
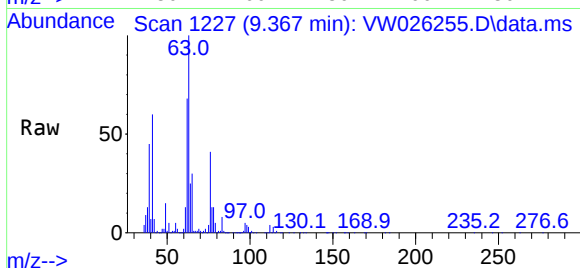
YBW38MSD

Tgt Ion: 63 Resp: 241060

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 22.456 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

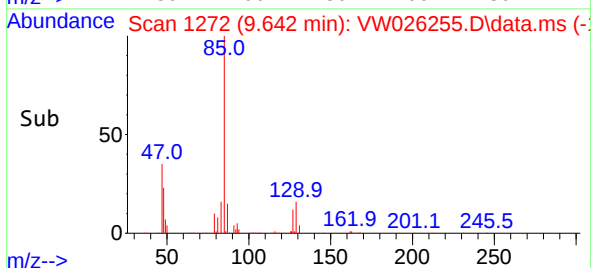
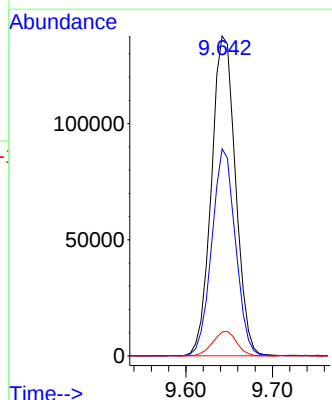
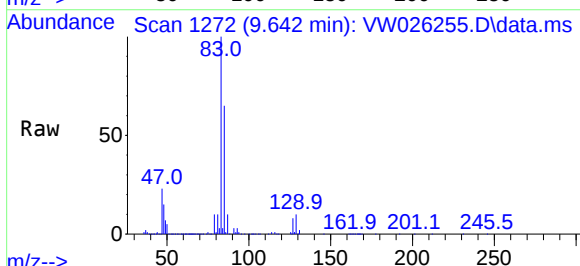
Tgt Ion: 83 Resp: 266110

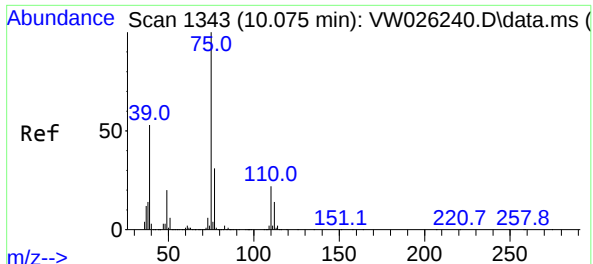
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 20.371 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

Instrument :

MSVOA_W

ClientSampleId :

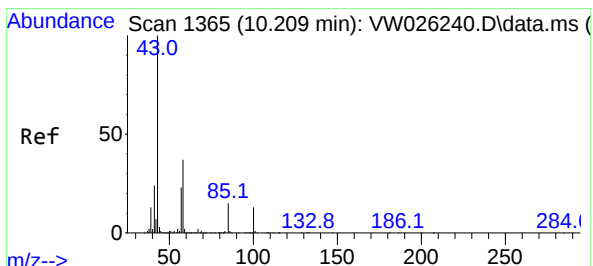
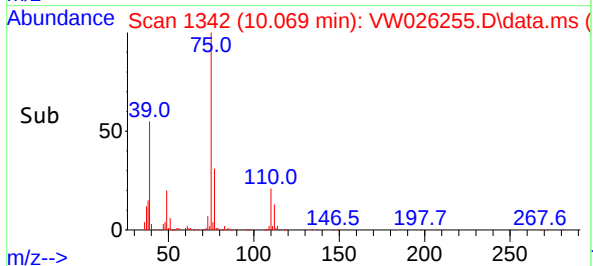
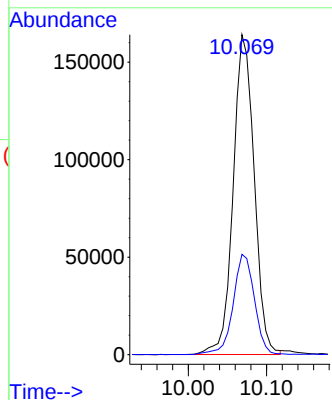
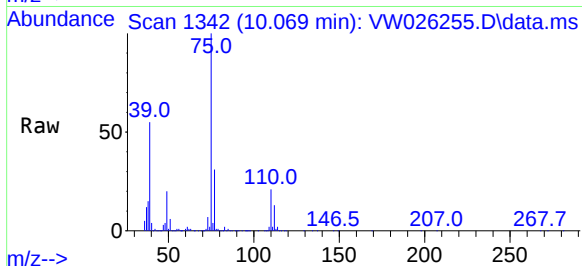
YBW38MSD

Tgt Ion: 75 Resp: 305351

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 63.338 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

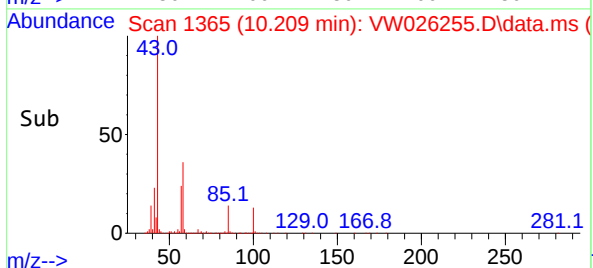
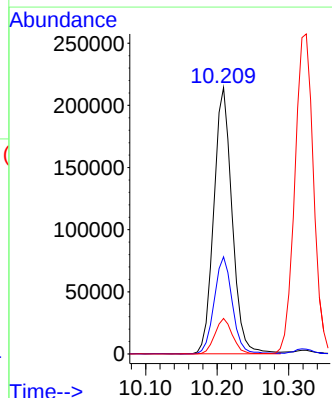
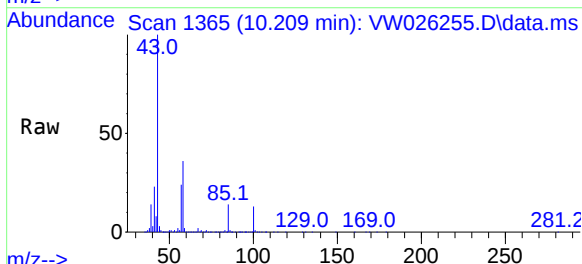
Tgt Ion: 43 Resp: 380893

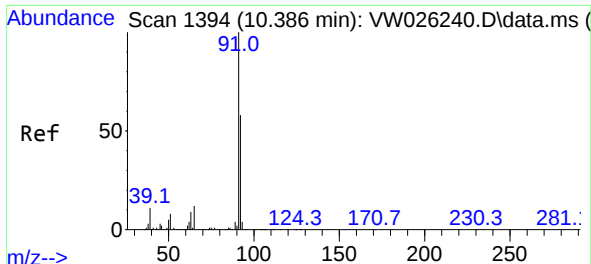
Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4

100 12.9 10.5 15.7

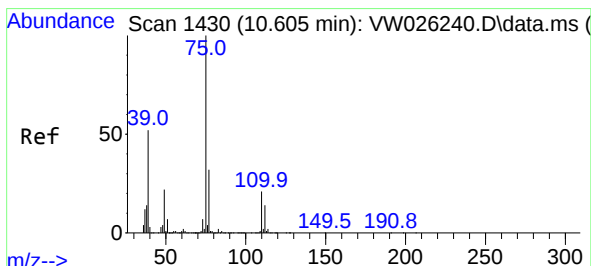
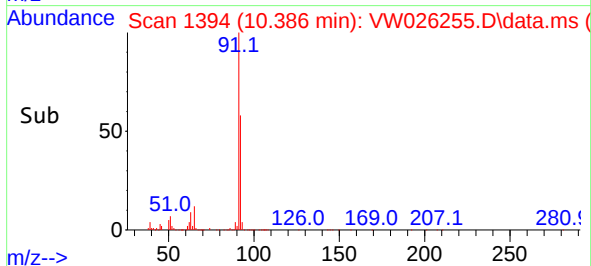
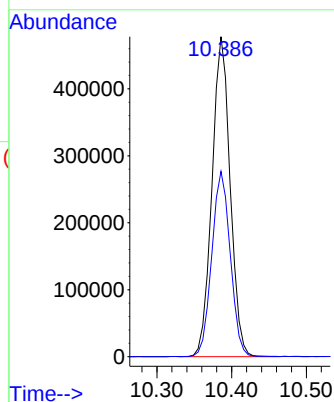
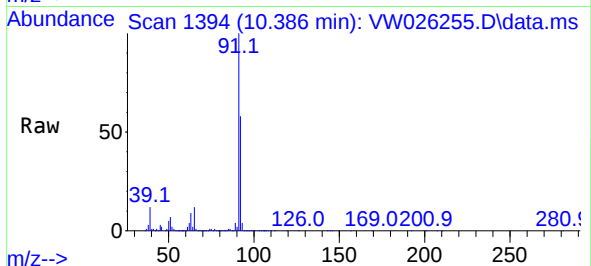




#42
Toluene
Concen: 20.969 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

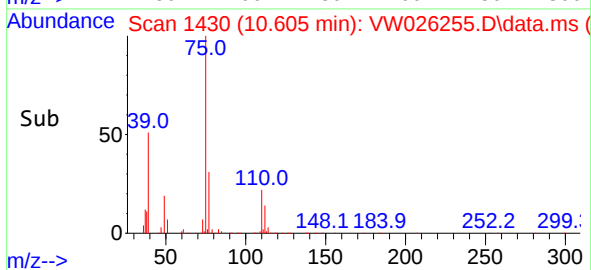
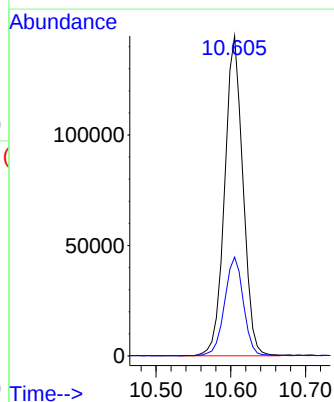
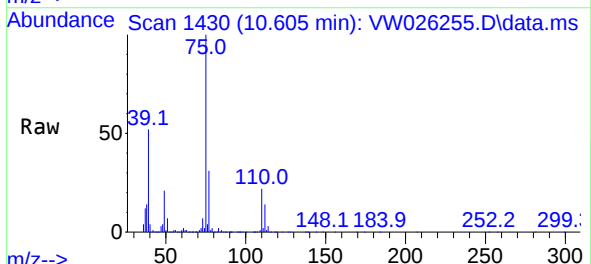
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

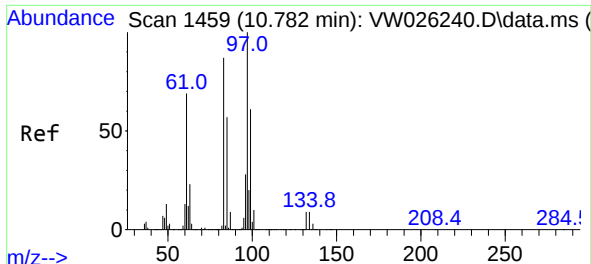
Tgt Ion: 91 Resp: 807683
Ion Ratio Lower Upper
91 100
92 57.9 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 19.706 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 75 Resp: 246089
Ion Ratio Lower Upper
75 100
77 30.9 21.1 39.3



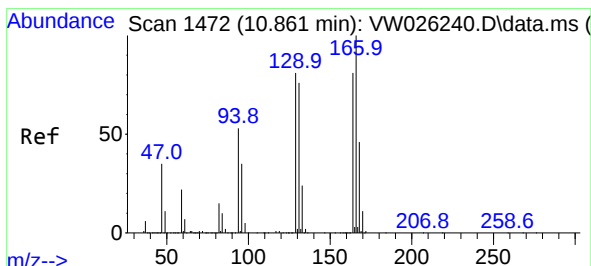
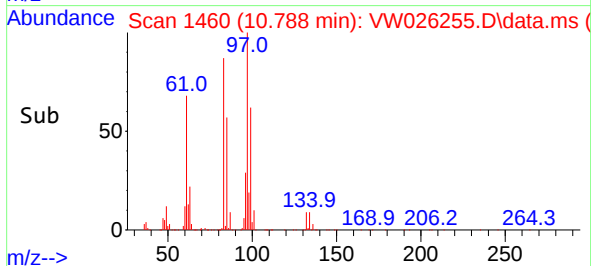
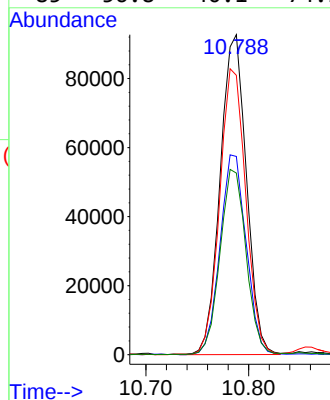
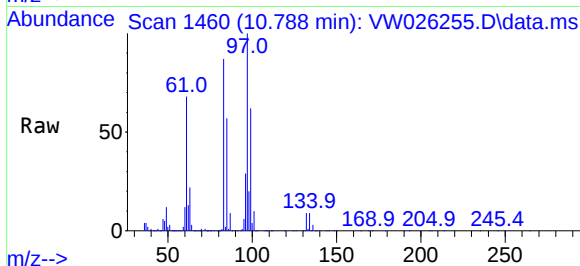


#45
1,1,2-Trichloroethane
Concen: 24.468 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

Tgt Ion: 97 Resp: 164488

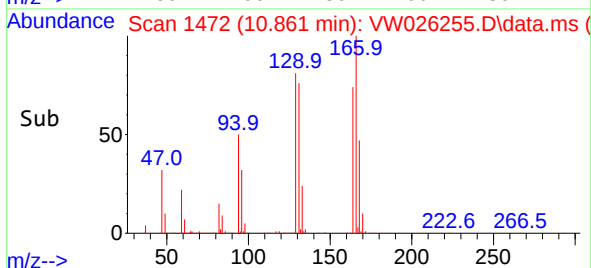
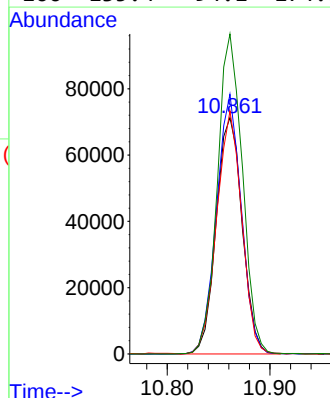
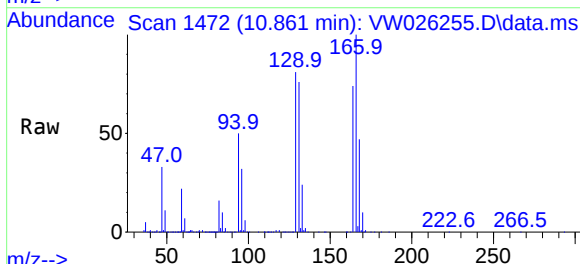
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	87.3	62.9	116.9
85	56.8	40.1	74.5

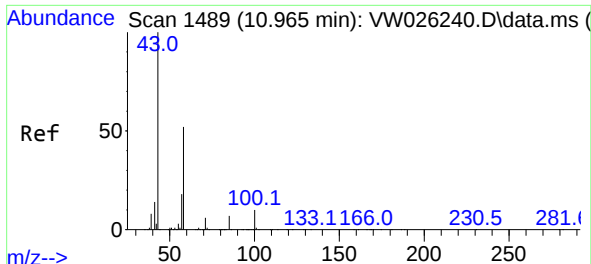


#46
Tetrachloroethene
Concen: 18.304 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 164 Resp: 124843

Ion	Ratio	Lower	Upper
164	100		
129	109.9	68.5	127.1
131	102.8	67.1	124.7
166	135.4	94.1	174.8



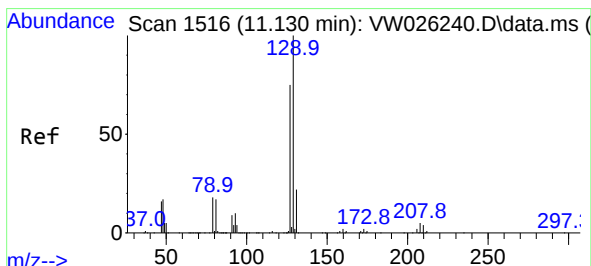
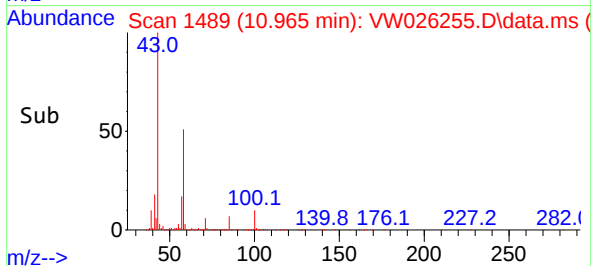
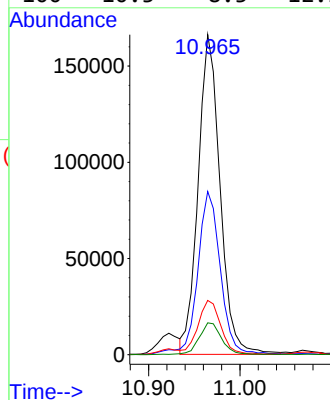
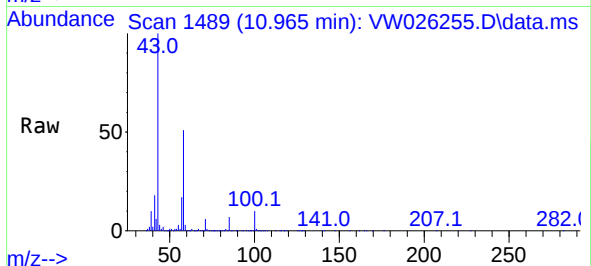


#48
2-Hexanone
Concen: 65.494 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

Tgt Ion: 43 Resp: 277707

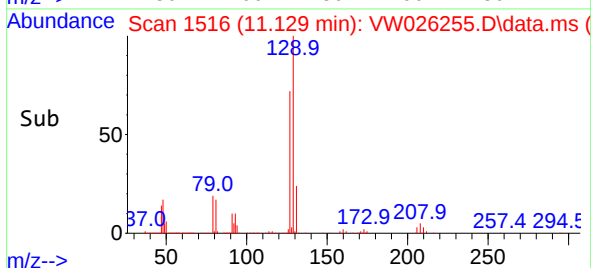
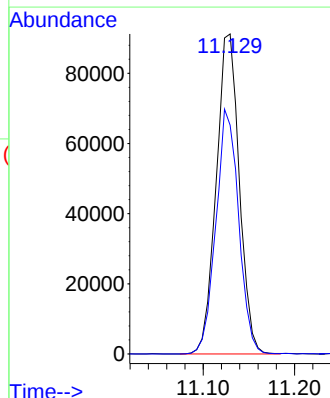
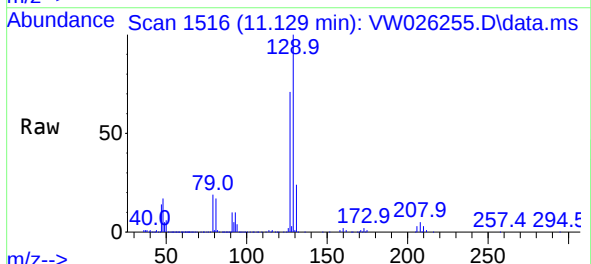
Ion	Ratio	Lower	Upper
43	100		
58	51.0	42.2	63.2
57	17.7	14.2	21.2
100	10.3	8.3	12.5

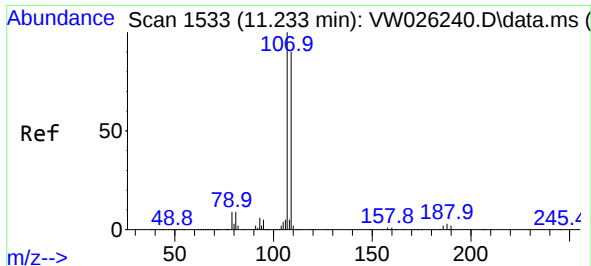


#49
Dibromochloromethane
Concen: 22.716 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 129 Resp: 160104

Ion	Ratio	Lower	Upper
129	100		
127	71.5	56.9	105.7



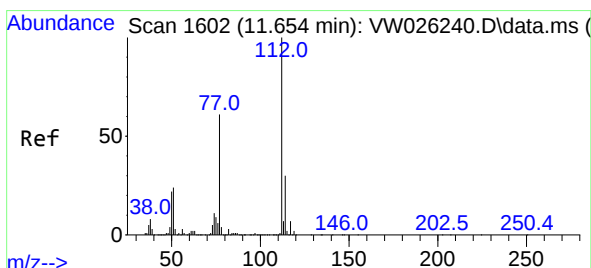
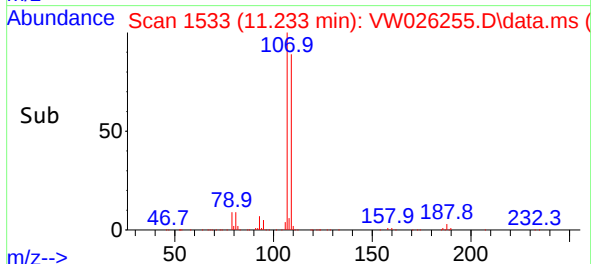
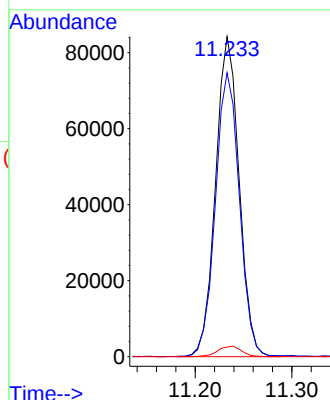
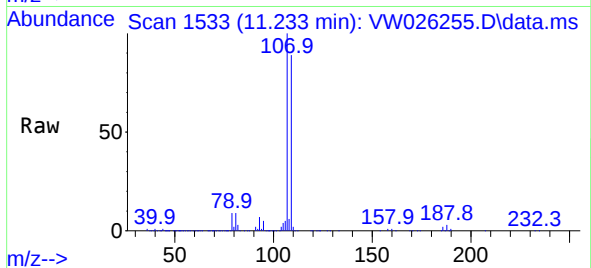


#50
1,2-Dibromoethane
Concen: 22.841 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

Tgt Ion:107 Resp: 142174

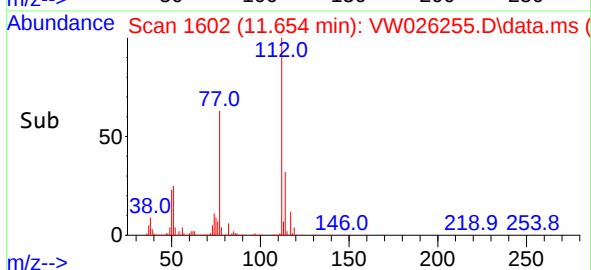
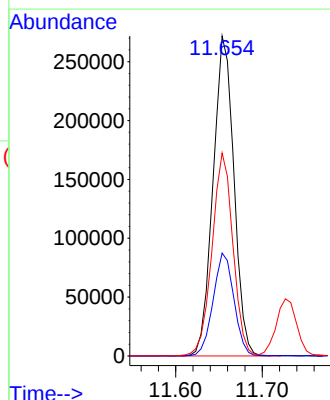
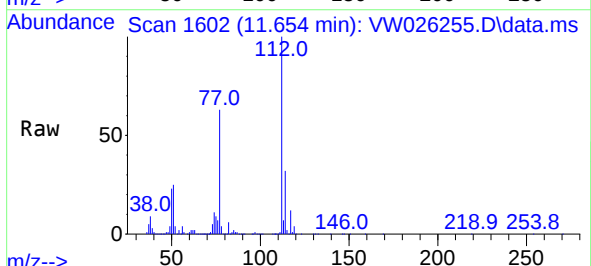
Ion	Ratio	Lower	Upper
107	100		
109	88.7	64.0	119.0
188	3.0	2.6	3.8

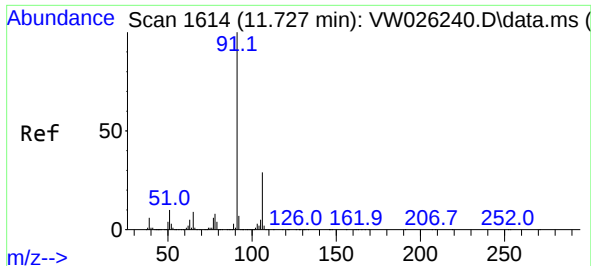


#51
Chlorobenzene
Concen: 18.841 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:112 Resp: 454754

Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.0	42.6
77	63.4	50.9	76.3

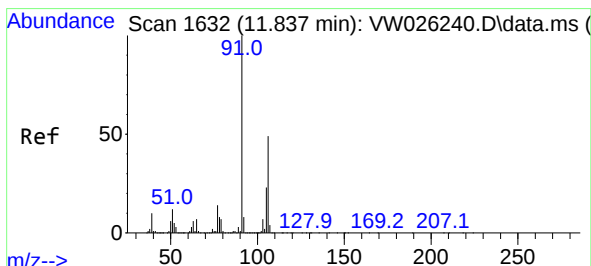
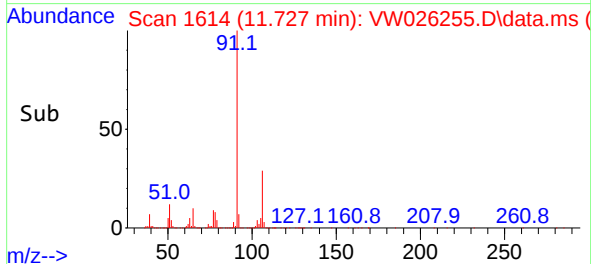
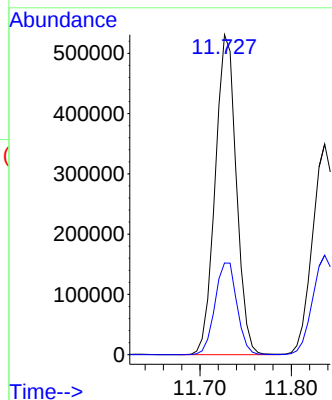
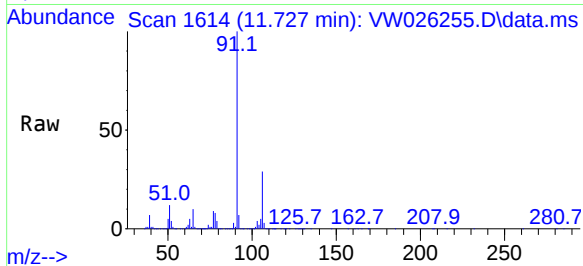




#52
Ethylbenzene
Concen: 19.646 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

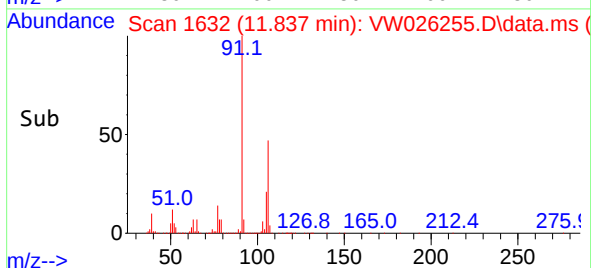
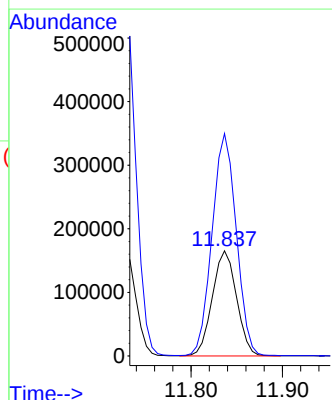
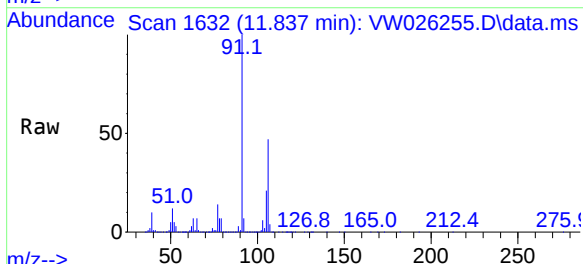
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

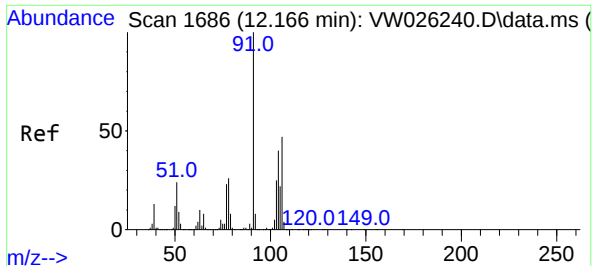
Tgt Ion: 91 Resp: 853643
Ion Ratio Lower Upper
91 100
106 28.7 21.2 39.4



#53
m,p-Xylene
Concen: 18.816 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:106 Resp: 304144
Ion Ratio Lower Upper
106 100
91 211.6 149.5 277.7

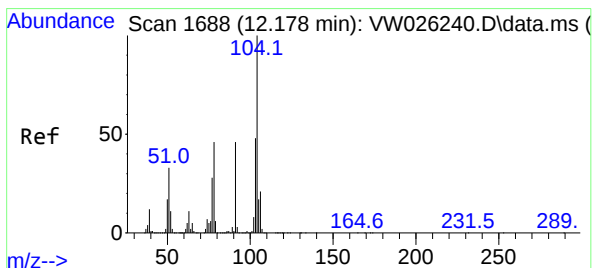
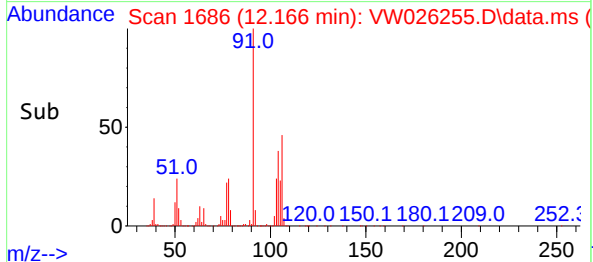
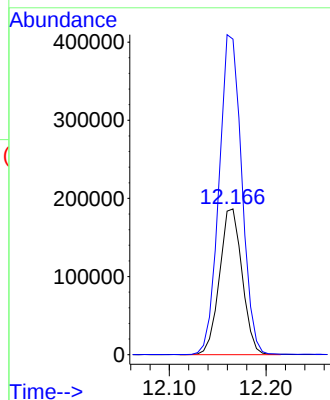
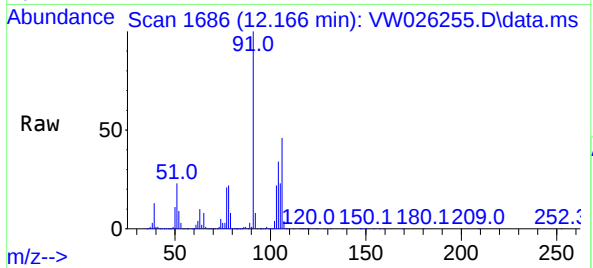




#54
o-Xylene
Concen: 19.789 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

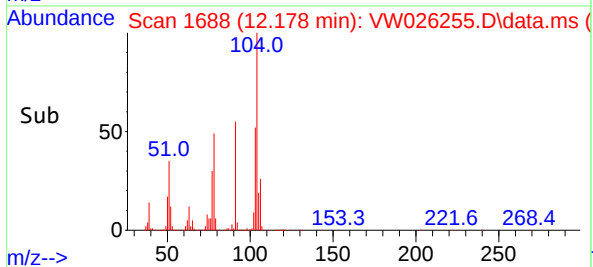
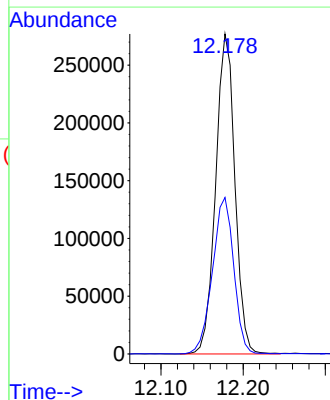
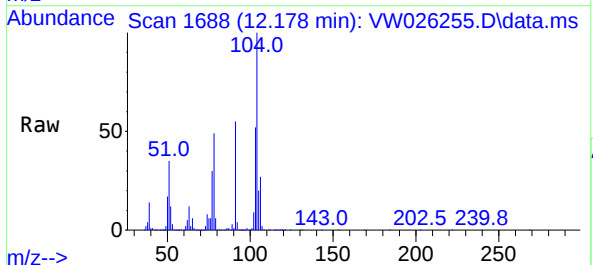
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

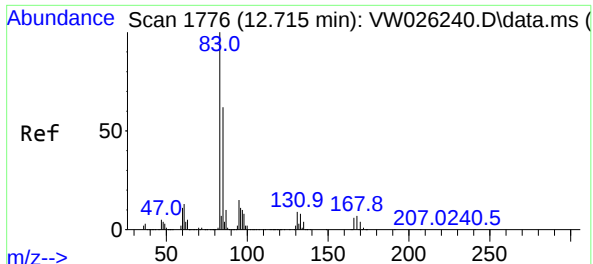
Tgt Ion:106 Resp: 301905
Ion Ratio Lower Upper
106 100
91 216.5 150.9 280.3



#55
Styrene
Concen: 17.184 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:104 Resp: 449783
Ion Ratio Lower Upper
104 100
78 48.9 32.6 60.6

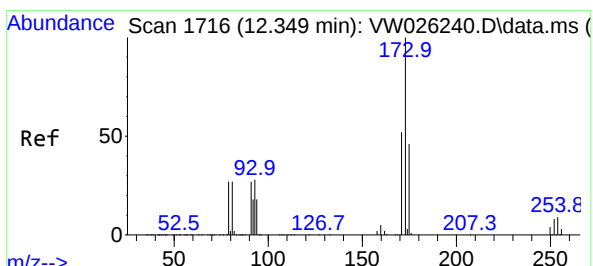
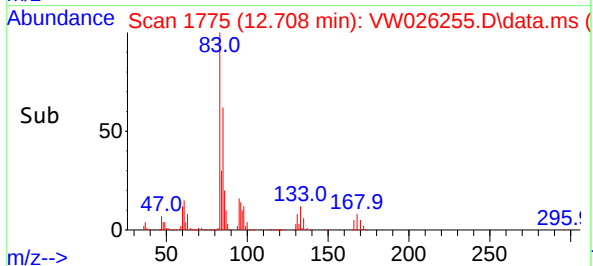
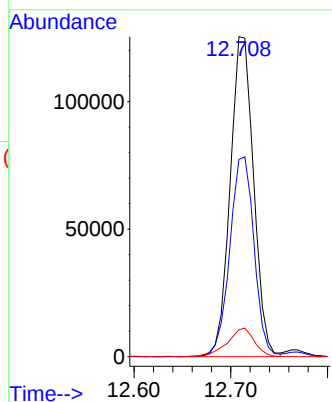
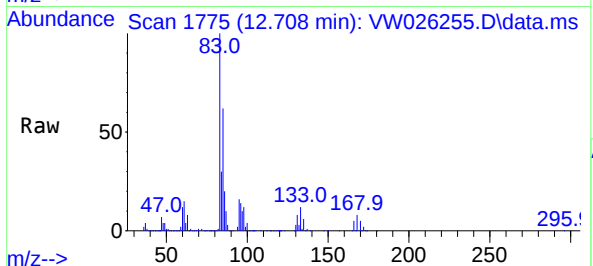




#57
1,1,2,2-Tetrachloroethane
Concen: 25.942 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

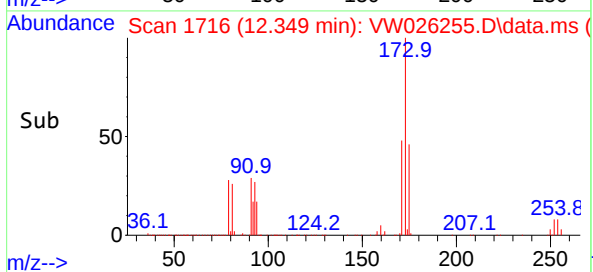
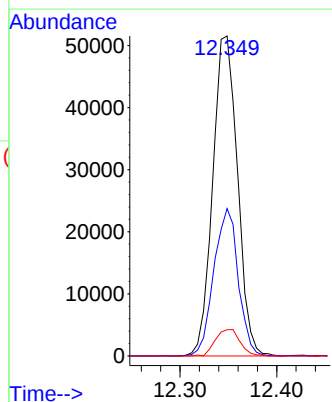
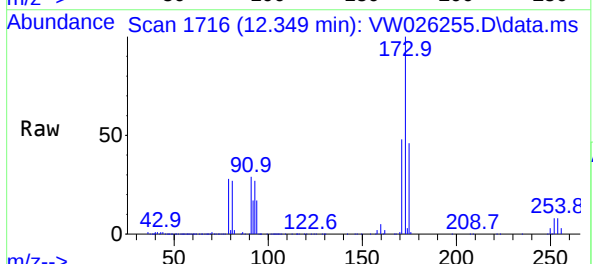
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

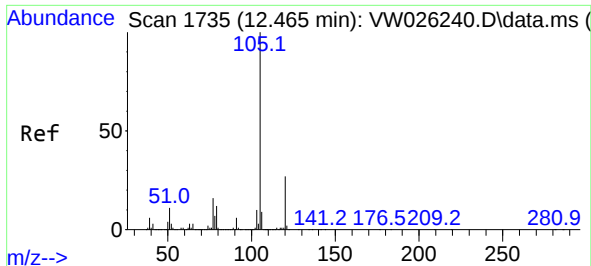
Tgt Ion: 83 Resp: 211053
Ion Ratio Lower Upper
83 100
85 61.6 42.6 79.0
131 8.4 7.2 10.8



#59
Bromoform
Concen: 29.095 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 173 Resp: 91649
Ion Ratio Lower Upper
173 100
175 45.4 38.6 57.8
254 8.2 7.4 11.0



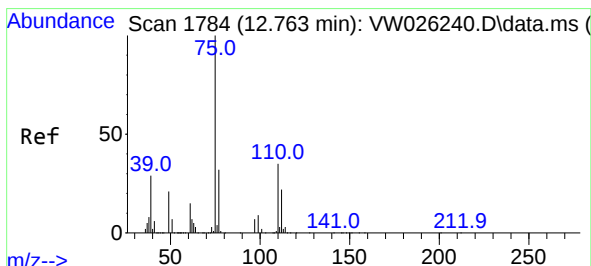
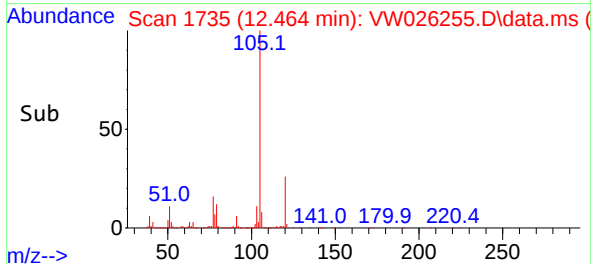
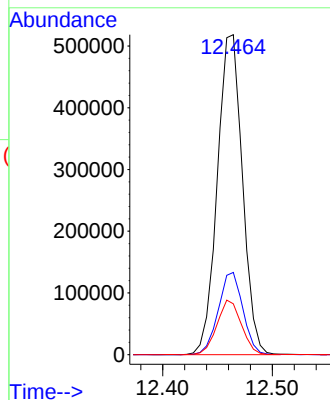
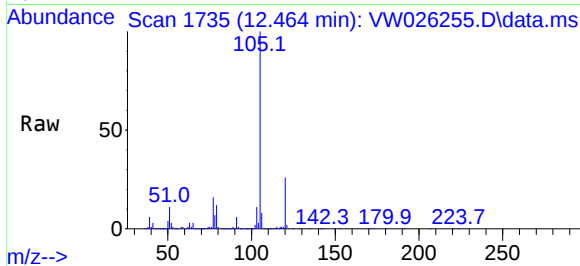


#60
Isopropylbenzene
Concen: 25.033 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

Tgt Ion:105 Resp: 824733

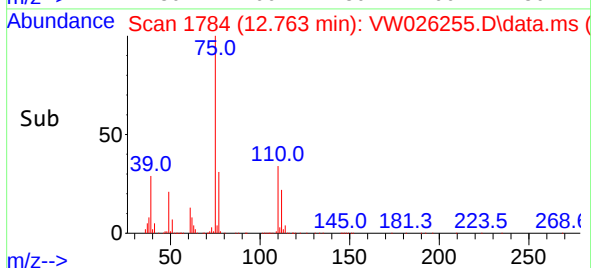
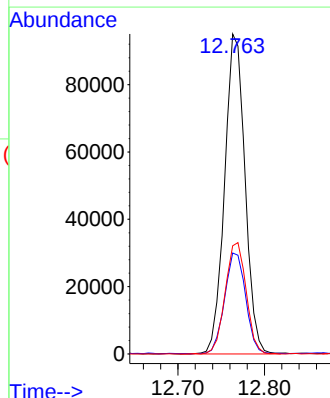
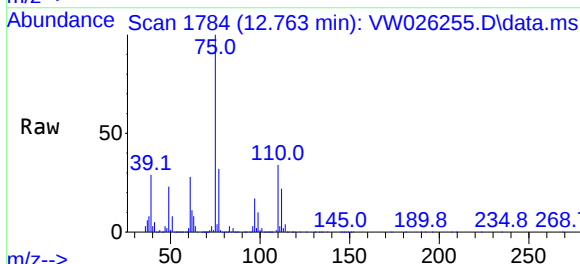
Ion	Ratio	Lower	Upper
105	100		
120	25.3	19.8	29.8
77	16.6	13.3	19.9

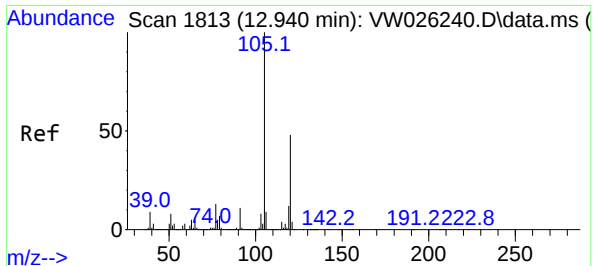


#61
1,2,3-Trichloropropane
Concen: 33.170 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 75 Resp: 155823

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
110	35.6	28.7	43.1

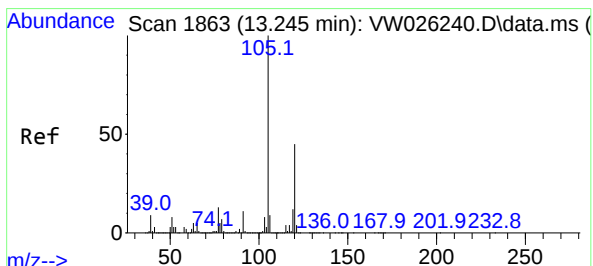
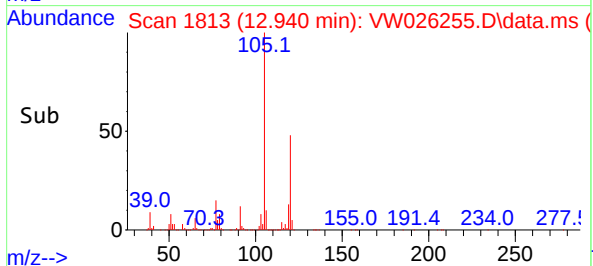
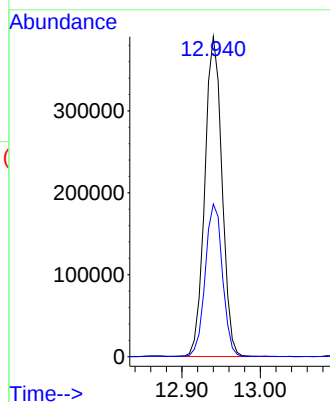
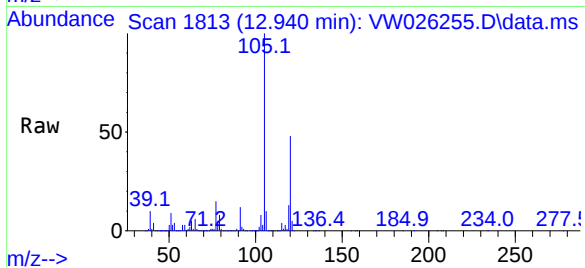




#62
1,3,5-Trimethylbenzene
Concen: 22.680 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

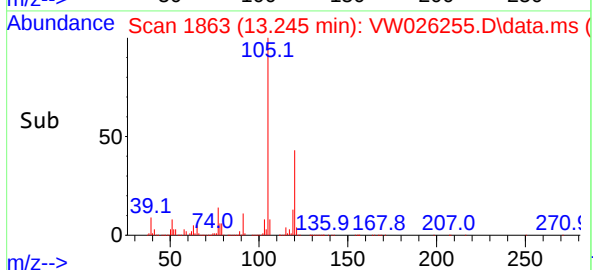
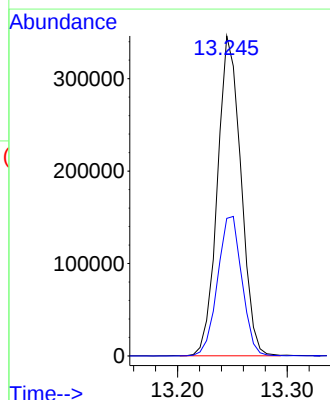
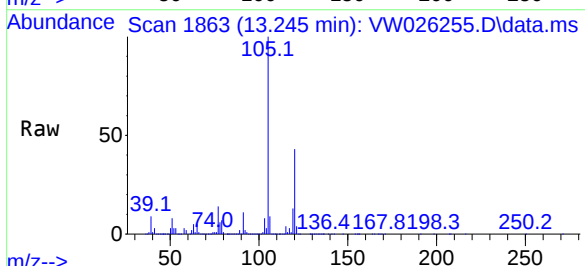
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

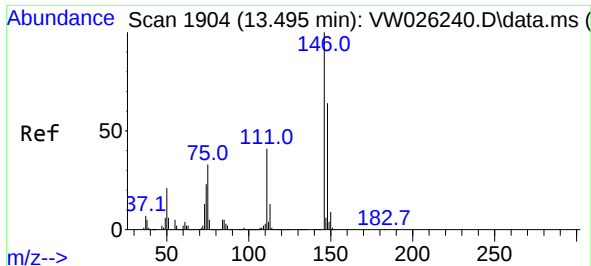
Tgt Ion:105 Resp: 594008
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 21.514 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:105 Resp: 516084
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

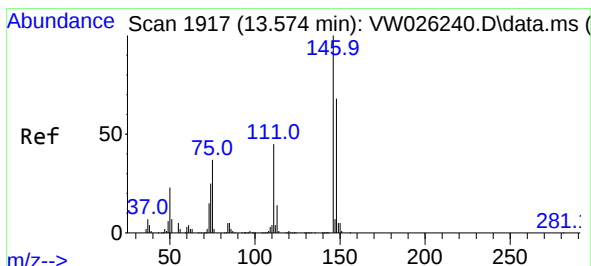
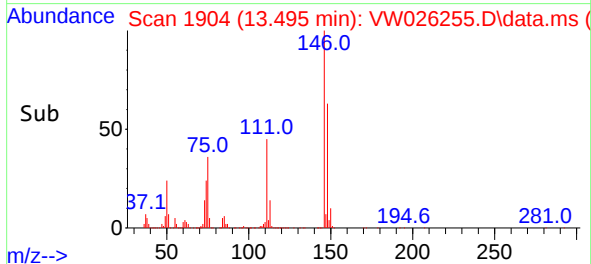
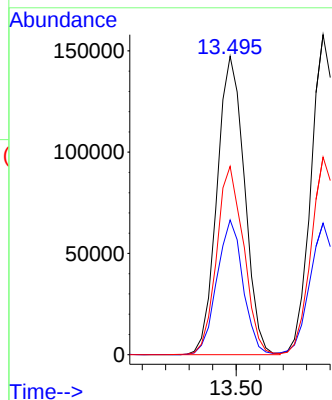
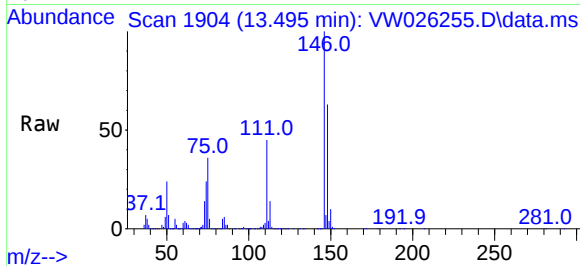




#64
1,3-Dichlorobenzene
Concen: 17.315 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

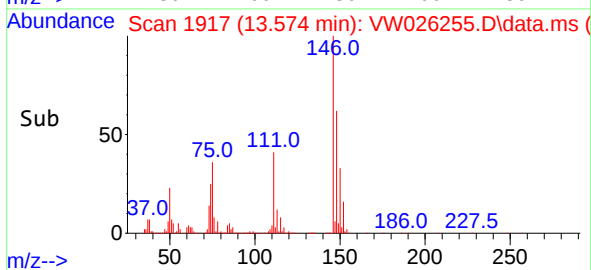
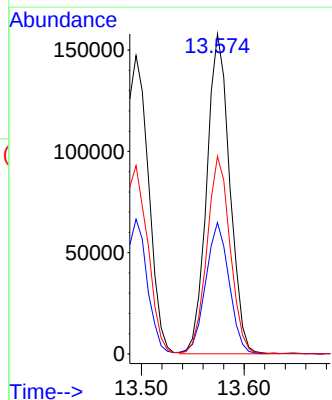
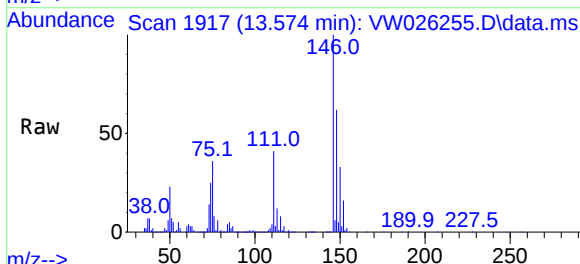
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

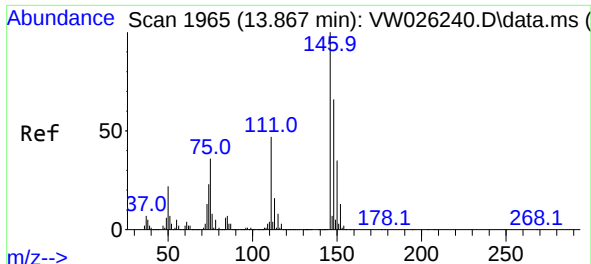
Tgt Ion:146 Resp: 239851
Ion Ratio Lower Upper
146 100
111 45.1 29.7 55.1
148 63.1 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 17.631 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:146 Resp: 245887
Ion Ratio Lower Upper
146 100
111 41.1 29.2 54.2
148 61.8 42.8 79.6

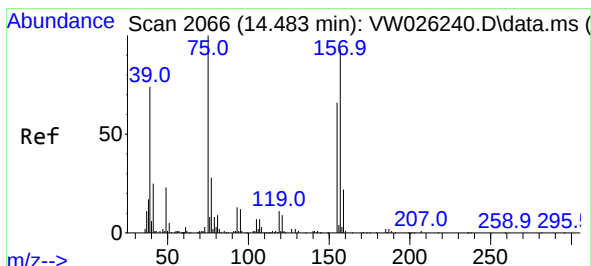
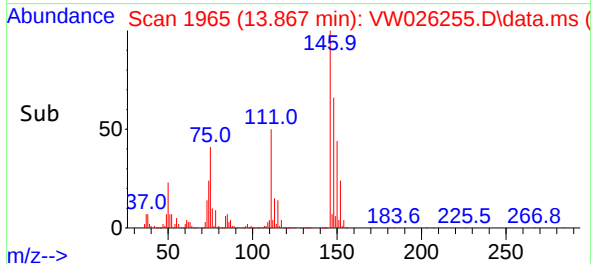
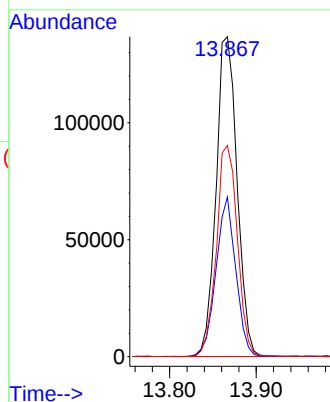
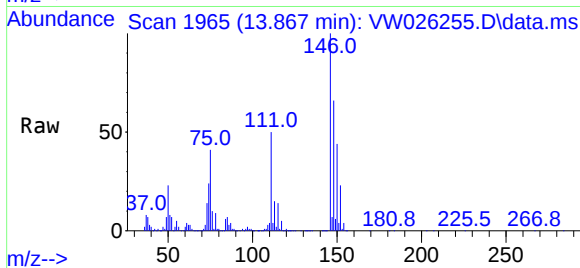




#67
1,2-Dichlorobenzene
Concen: 18.534 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

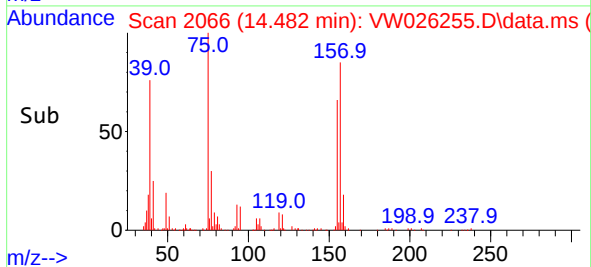
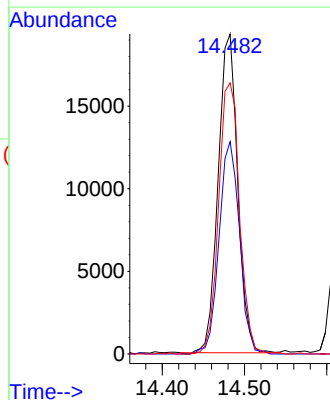
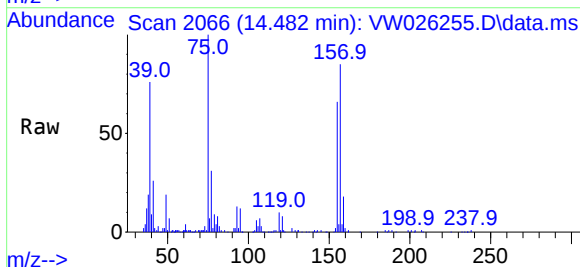
Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

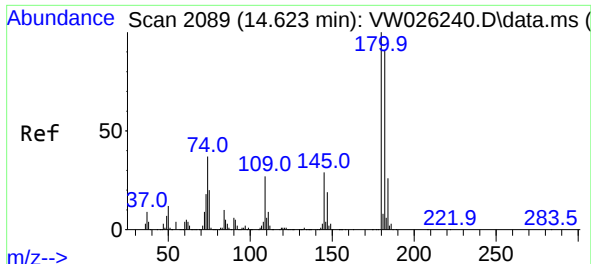
Tgt Ion:146 Resp: 230557
Ion Ratio Lower Upper
146 100
111 49.9 35.4 53.0
148 66.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 29.207 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion: 75 Resp: 31789
Ion Ratio Lower Upper
75 100
155 66.3 59.0 88.6
157 84.7 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 12.826 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

Instrument :

MSVOA_W

ClientSampleId :

YBW38MSD

Tgt Ion:180 Resp: 122047

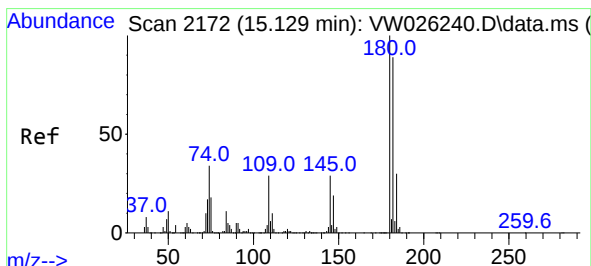
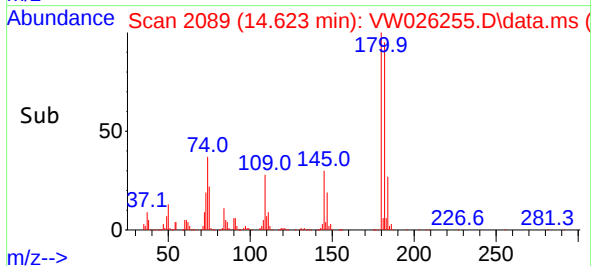
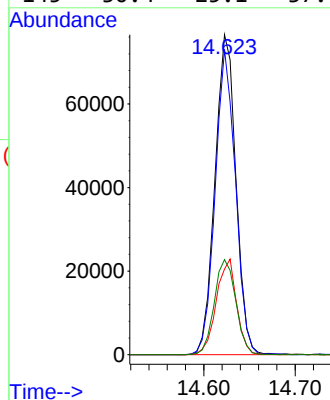
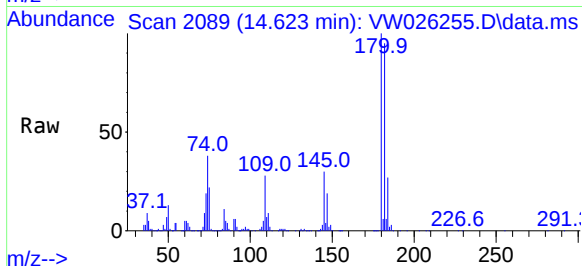
Ion Ratio Lower Upper

180 100

182 92.1 77.0 115.4

184 29.0 23.7 35.5

145 30.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 9.965 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026255.D

Acq: 19 Jun 2023 18:20

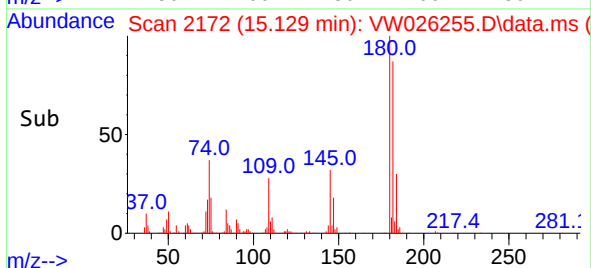
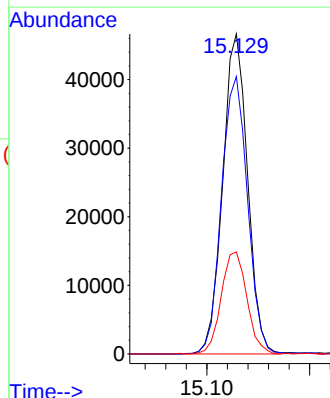
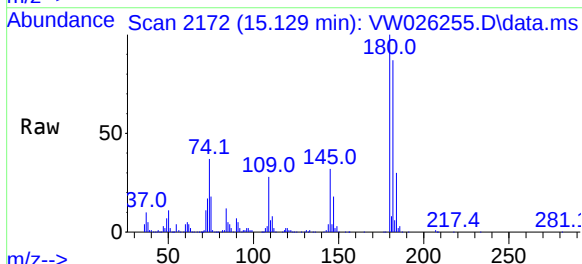
Tgt Ion:180 Resp: 78243

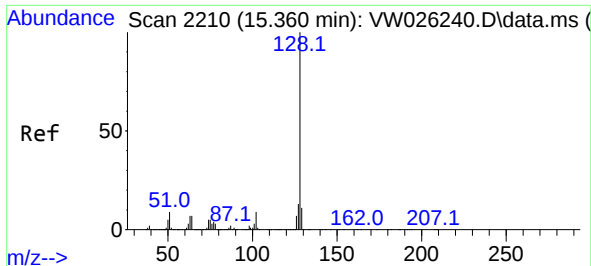
Ion Ratio Lower Upper

180 100

182 90.9 78.9 118.3

145 32.9 27.2 40.8

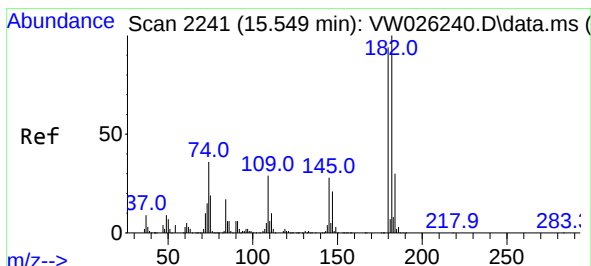
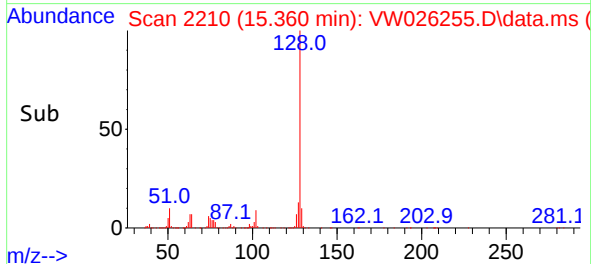
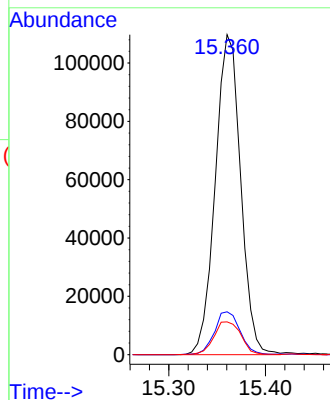
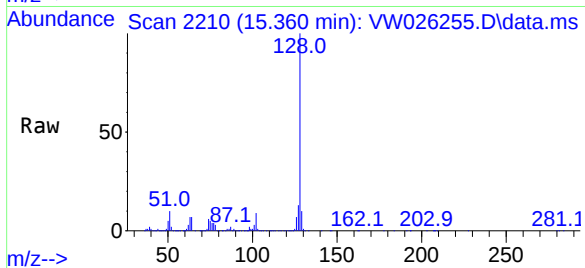




#71
Naphthalene
Concen: 14.264 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :
YBW38MSD

Tgt Ion:	128	Resp:	199615
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 11.106 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026255.D
Acq: 19 Jun 2023 18:20

Tgt Ion:	180	Resp:	76209
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.3	114.5
145	34.0	27.0	40.6

