

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
 Data File : VW026300.D
 Acq On : 22 Jun 2023 15:26
 Operator : SY/MD
 Sample : 03383-02MS
 Misc : 5.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW52MS

Quant Time: Jun 23 01:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	714943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	613891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256663	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	173012	17.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
7) Chloroethane-d5	2.893	69	167803	22.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	4.021	65	89900	18.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.520%
21) 2-Butanone-d5	7.081	46	171886	58.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.400%
24) Chloroform-d	7.648	84	461346	22.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	8.306	65	251146	21.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.760%
32) Benzene-d6	8.276	84	845775	20.475	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	9.276	67	289531	22.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.480%
41) Toluene-d8	10.324	98	704014	19.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.574	79	98295	18.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.800%
47) 2-Hexanone-d5	10.922	63	117674	57.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252835	26.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	196425	19.994	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	169546	19.345	ug/L	99
3) Chloromethane	2.222	50	238957	21.264	ug/L	98
5) Vinyl chloride	2.375	62	271219	22.579	ug/L	99
6) Bromomethane	2.789	94	143685	21.942	ug/L	97
8) Chloroethane	2.929	64	165290	25.464	ug/L	97
9) Trichlorofluoromethane	3.265	101	213798	27.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	206701	21.197	ug/L	98
12) 1,1-Dichloroethene	4.045	96	198218	21.776	ug/L #	75
13) Acetone	4.130	43	139044	61.368	ug/L	99
14) Carbon disulfide	4.386	76	555098	17.274	ug/L	99
15) Methyl Acetate	4.673	43	118774	23.357	ug/L	100
16) Methylene chloride	4.917	84	232843	20.405	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	203508	19.926	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	354836	22.044	ug/L	99
19) 1,1-Dichloroethane	6.221	63	464681	22.349	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	232899	21.529	ug/L	96
22) 2-Butanone	7.179	43	177837	55.023	ug/L	97
23) Bromochloromethane	7.514	128	96894	21.002	ug/L	91
25) Chloroform	7.679	83	432102	22.313	ug/L	100

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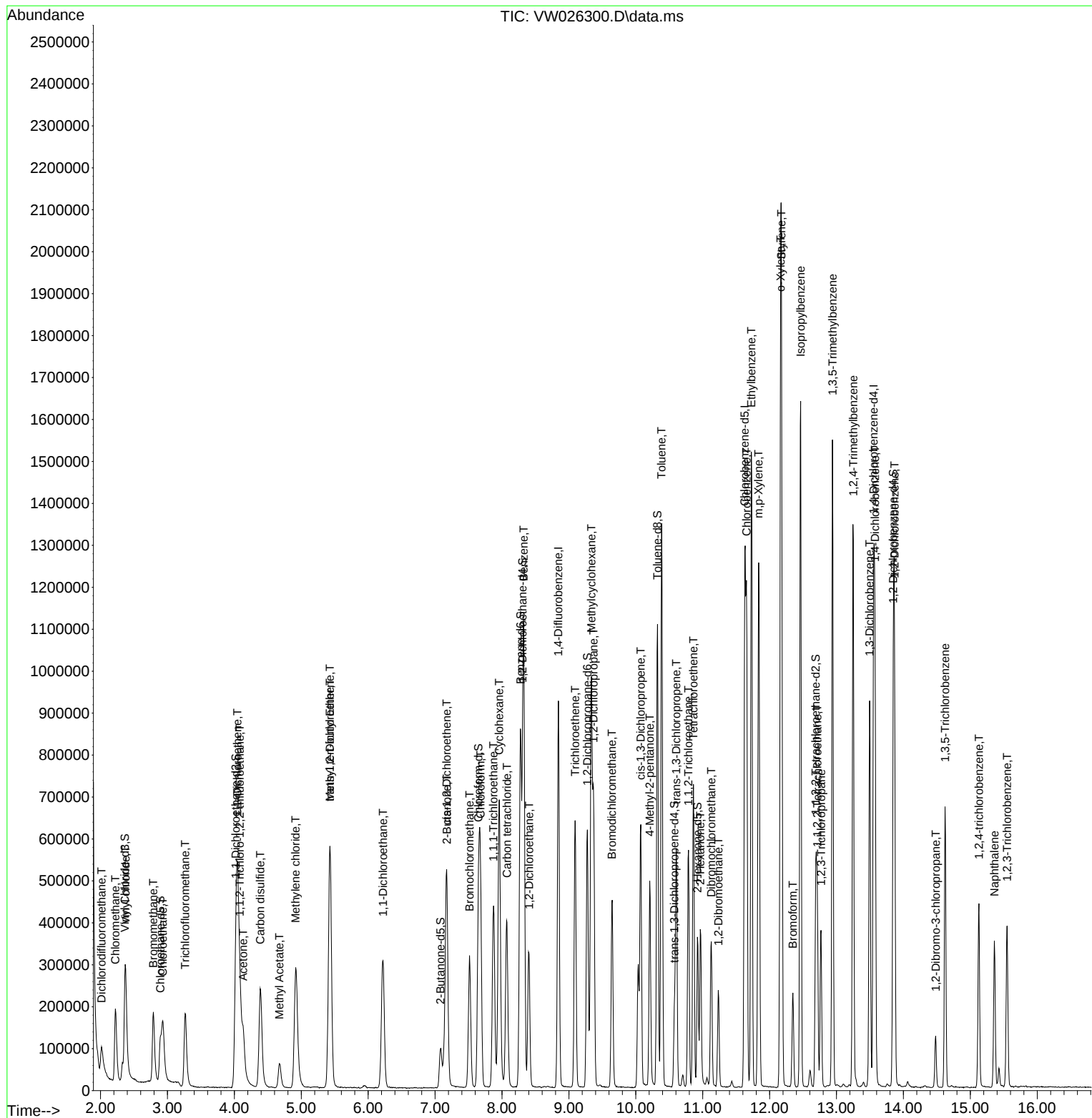
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	294464	22.047	ug/L	99
29) Cyclohexane	7.959	56	382482	20.181	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	350020	23.495	ug/L	100
31) Carbon tetrachloride	8.075	117	297439	21.879	ug/L	99
33) Benzene	8.325	78	929379	22.100	ug/L	100
34) Trichloroethene	9.093	95	226596	21.043	ug/L	96
35) Methylcyclohexane	9.337	83	358363	18.807	ug/L	99
37) 1,2-Dichloropropane	9.367	63	261160	22.928	ug/L	100
38) Bromodichloromethane	9.642	83	297345	22.470	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	361261	21.582	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	342060	50.937	ug/L	100
42) Toluene	10.385	91	940254	21.860	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	302052	21.660	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	174159	23.200	ug/L	97
46) Tetrachloroethene	10.861	164	153196	20.113	ug/L	97
48) 2-Hexanone	10.965	43	258046	54.498	ug/L	97
49) Dibromochloromethane	11.129	129	180044	22.875	ug/L	93
50) 1,2-Dibromoethane	11.233	107	153958	22.149	ug/L	99
51) Chlorobenzene	11.653	112	558136	20.707	ug/L	96
52) Ethylbenzene	11.727	91	1034925	21.329	ug/L	99
53) m,p-Xylene	11.836	106	375601	20.808	ug/L	99
54) o-Xylene	12.166	106	363427	21.332	ug/L	97
55) Styrene	12.178	104	604777	20.692	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	214956	23.661	ug/L	97
59) Bromoform	12.348	173	98348	25.512	ug/L	98
60) Isopropylbenzene	12.464	105	986204	24.459	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	156520	27.225	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	758015	23.649	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	689217	23.477	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	344689	20.332	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	349508	20.477	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	321321	21.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33113	24.860	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	191711	16.462	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	126989	13.215	ug/L	97
71) Naphthalene	15.360	128	277889	16.226	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116441	13.865	ug/L	99

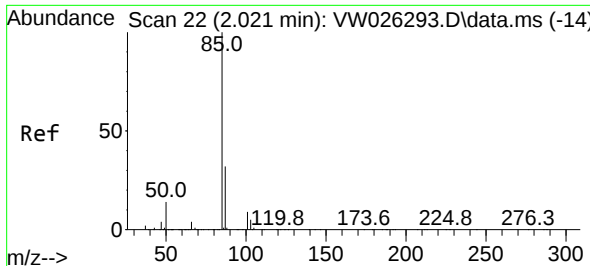
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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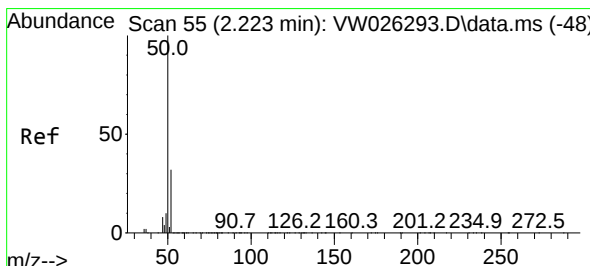
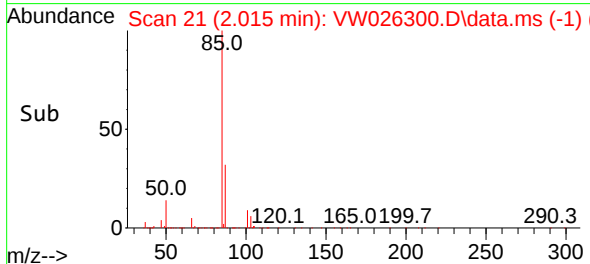
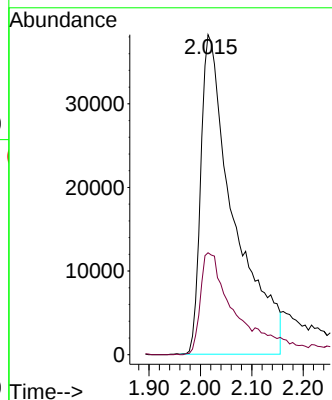
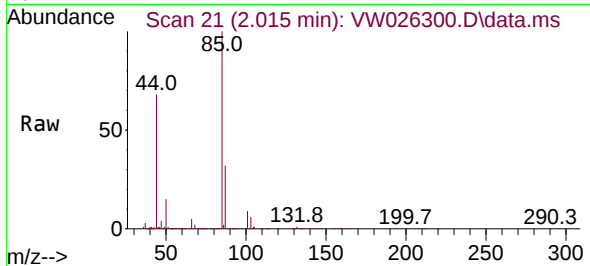




#2
Dichlorodifluoromethane
Concen: 19.345 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

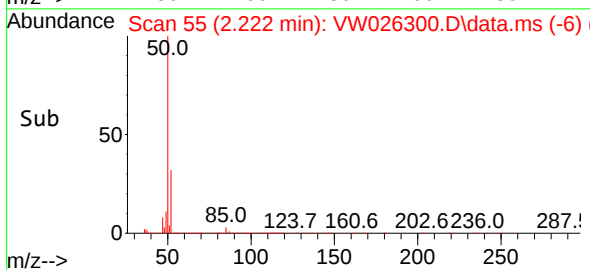
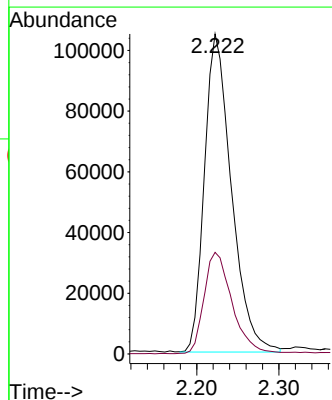
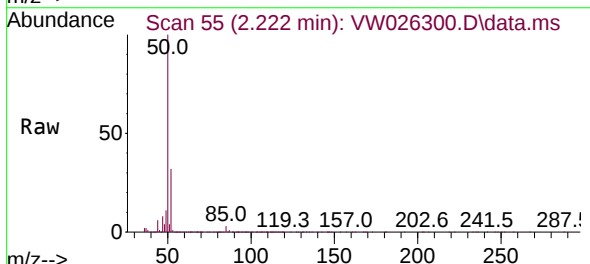
Instrument :
MSVOA_W
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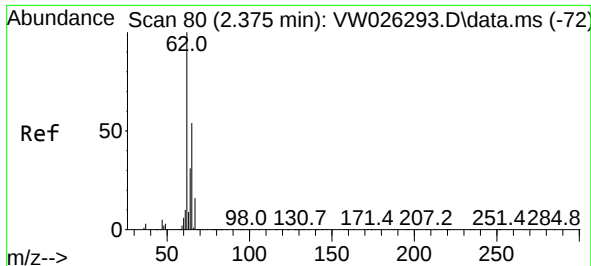
Tgt Ion: 85 Resp: 169546
Ion Ratio Lower Upper
85 100
87 28.0 22.2 33.2



#3
Chloromethane
Concen: 21.264 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 50 Resp: 238957
Ion Ratio Lower Upper
50 100
52 31.8 21.3 39.6

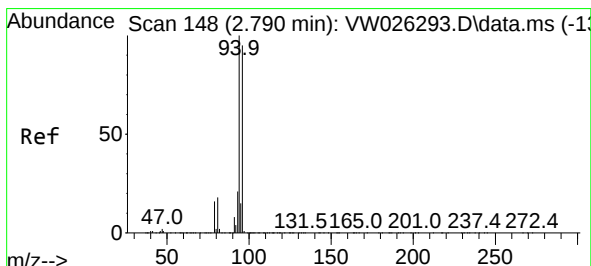
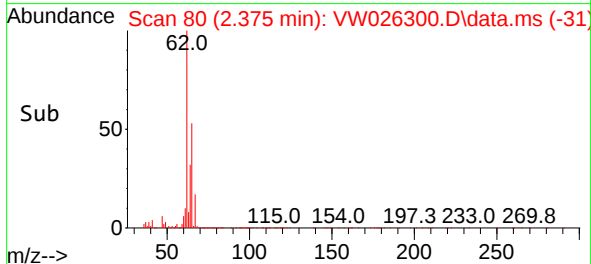
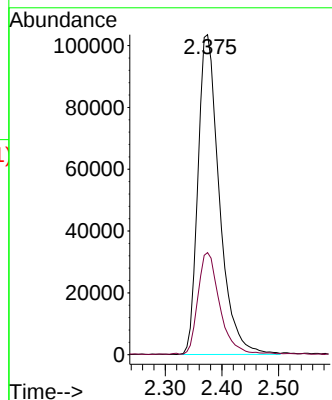
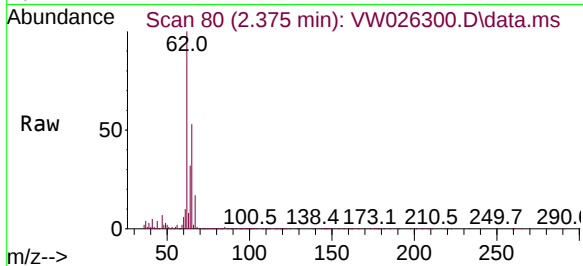




#5
 Vinyl chloride
 Concen: 22.579 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

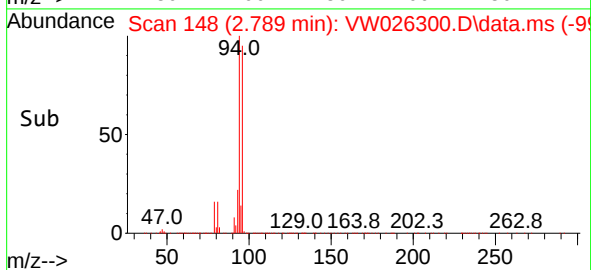
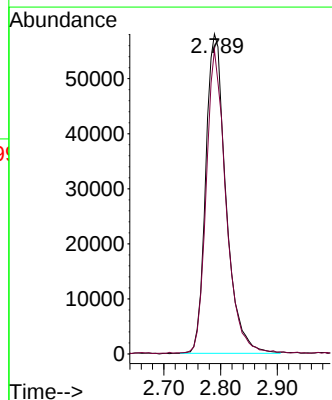
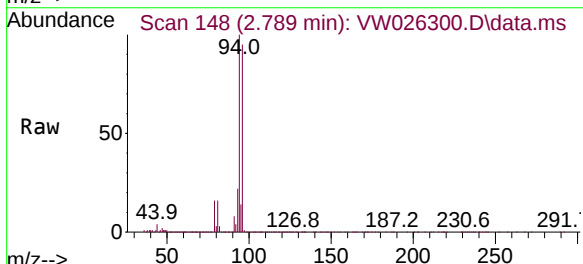
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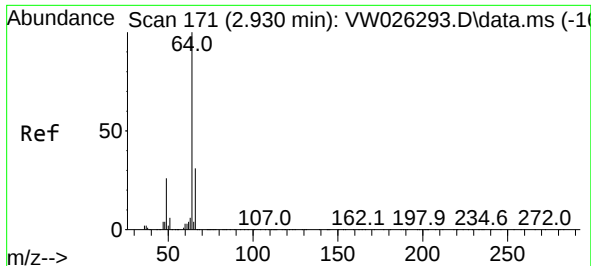
Tgt Ion: 62 Resp: 271219
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.1



#6
 Bromomethane
 Concen: 21.942 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

Tgt Ion: 94 Resp: 143685
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.2 119.2

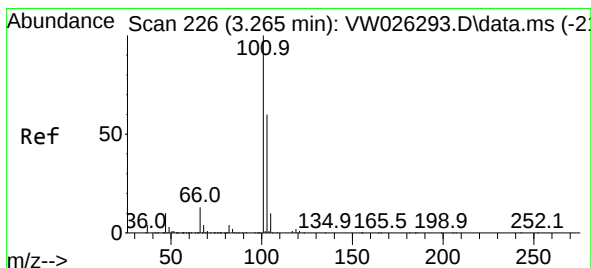
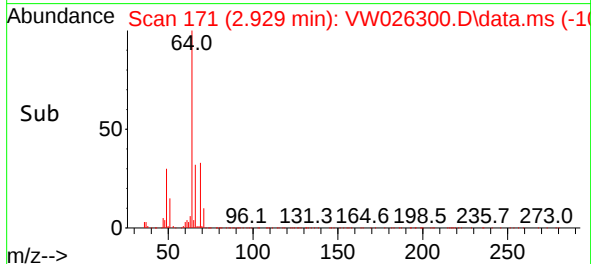
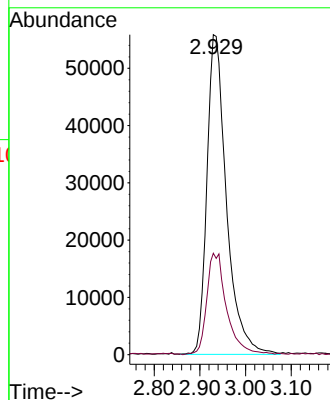
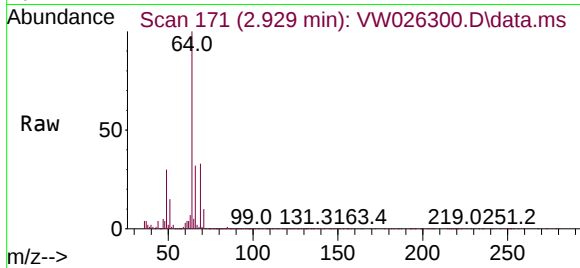




#8
Chloroethane
Concen: 25.464 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

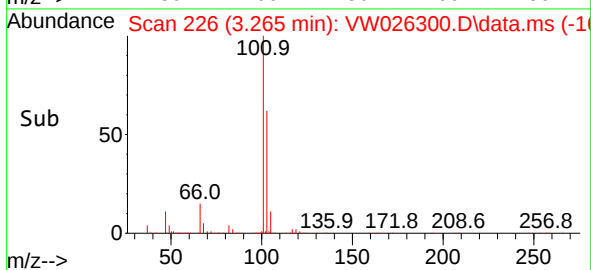
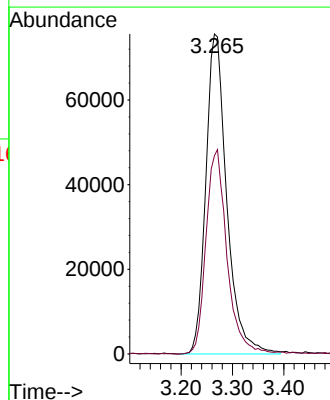
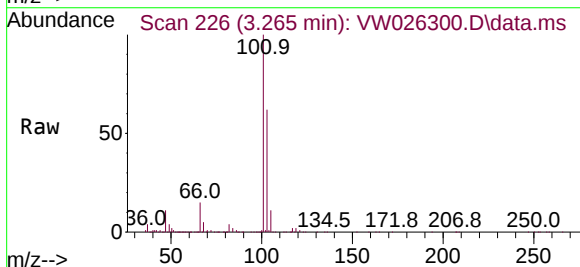
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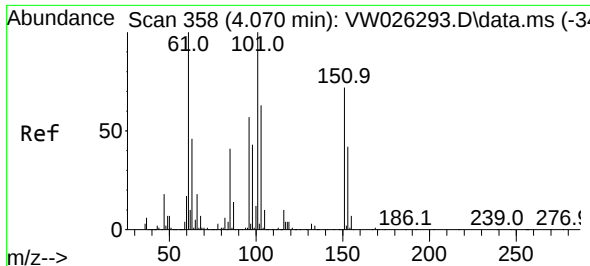
Tgt Ion: 64 Resp: 165290
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 27.665 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 101 Resp: 213798
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

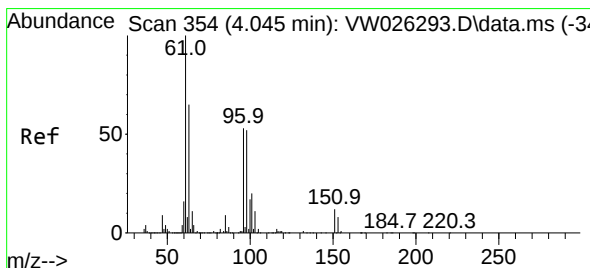
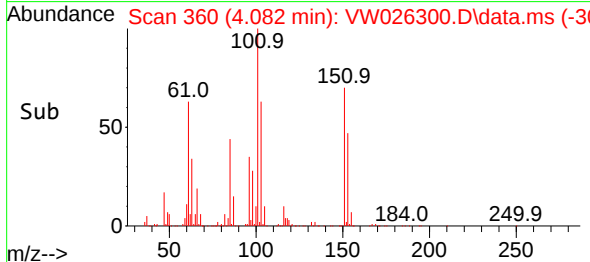
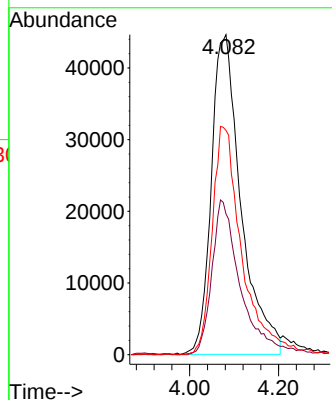
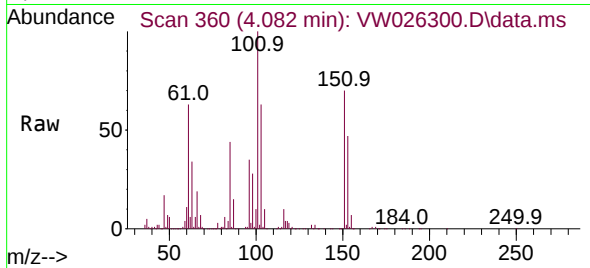




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.197 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.012 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

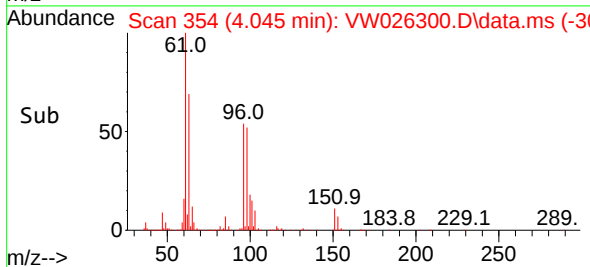
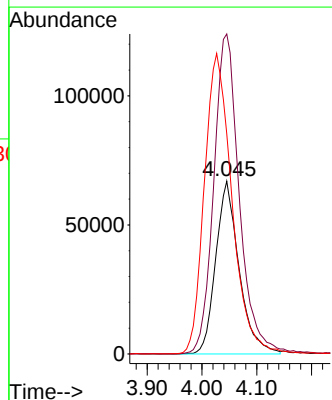
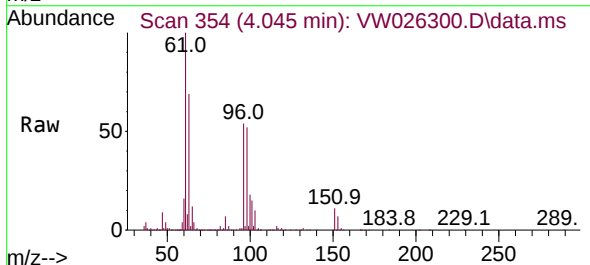
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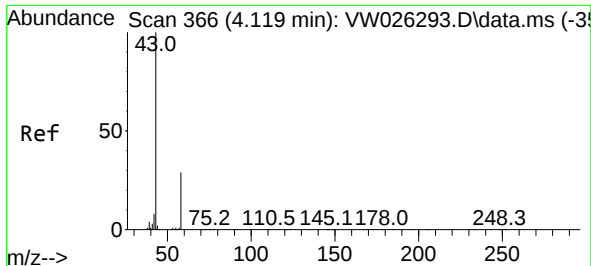
Tgt Ion:101 Resp: 206701
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.1 54.1
 151 70.5 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 21.776 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

Tgt Ion: 96 Resp: 198218
 Ion Ratio Lower Upper
 96 100
 61 185.1 140.6 261.0
 63 127.4 131.7 244.5#

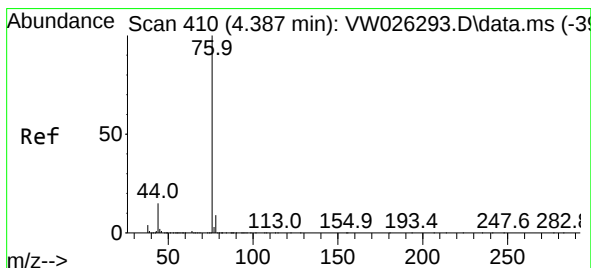
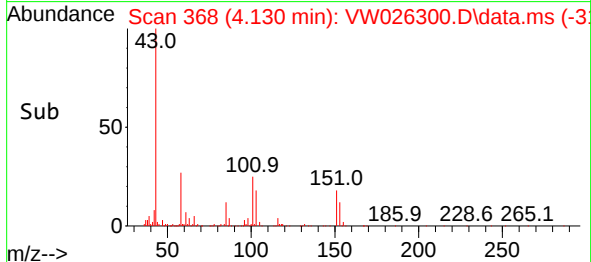
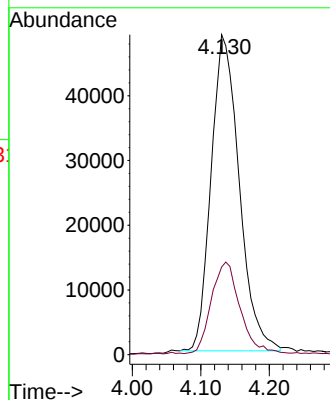
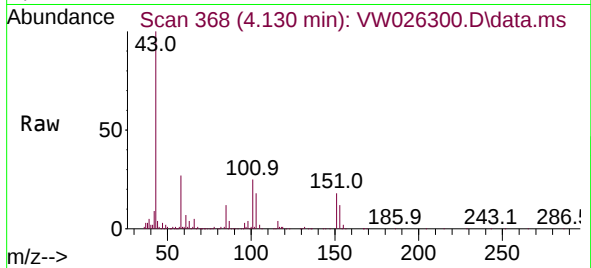




#13
Acetone
Concen: 61.368 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.012 min
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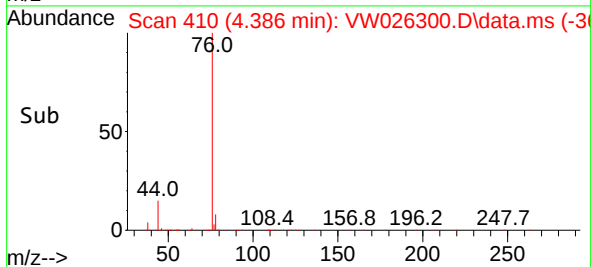
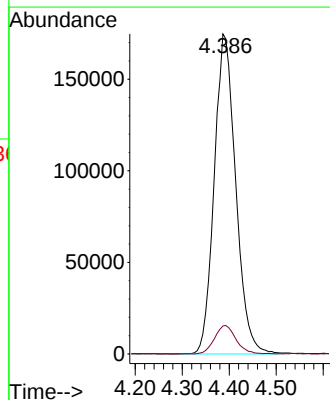
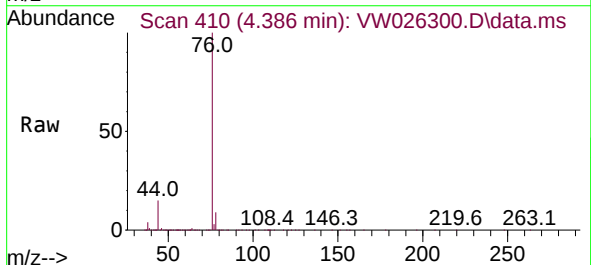
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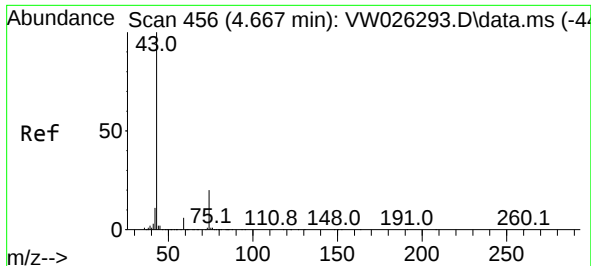
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Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.2



#14
Carbon disulfide
Concen: 17.274 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 76 Resp: 555098
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

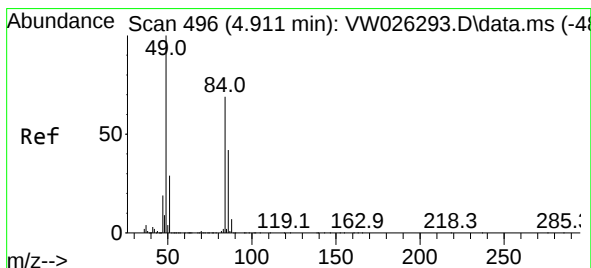
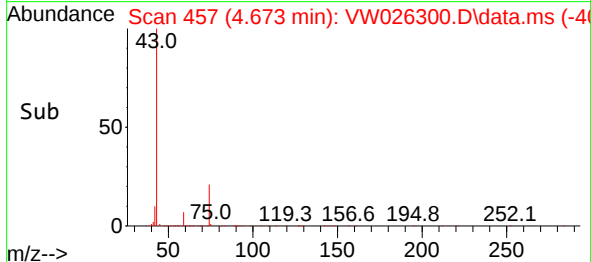
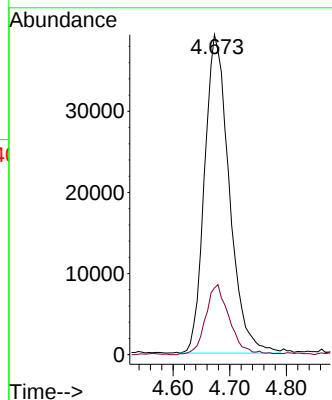
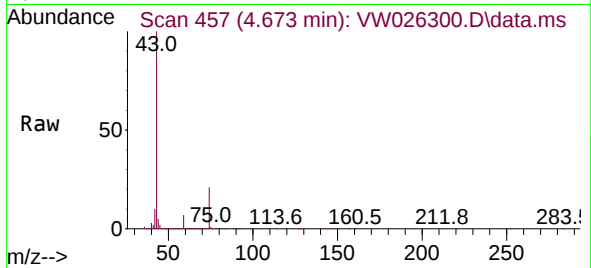




#15
Methyl Acetate
Concen: 23.357 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

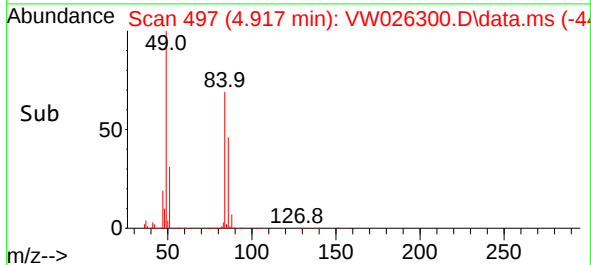
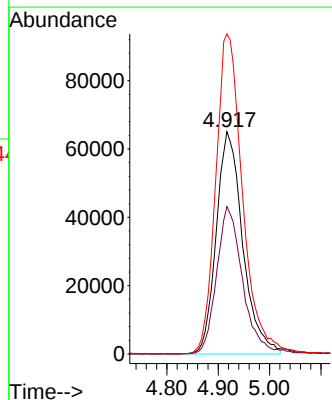
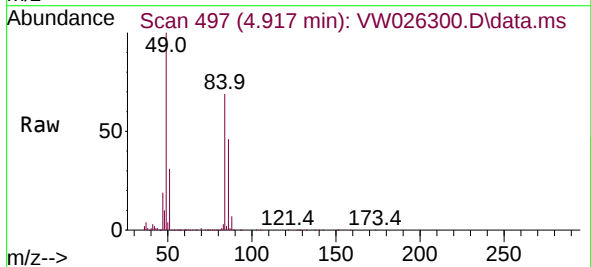
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

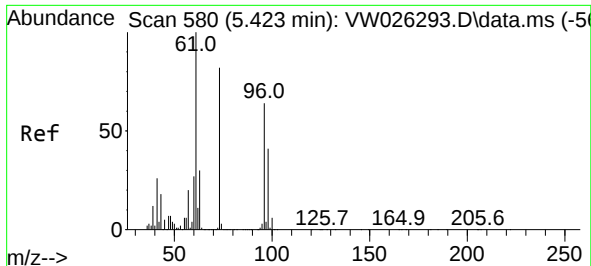
Tgt Ion: 43 Resp: 118774
Ion Ratio Lower Upper
43 100
74 20.9 16.6 25.0



#16
Methylene chloride
Concen: 20.405 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 84 Resp: 232843
Ion Ratio Lower Upper
84 100
86 66.3 44.2 82.0
49 143.9 98.8 183.6

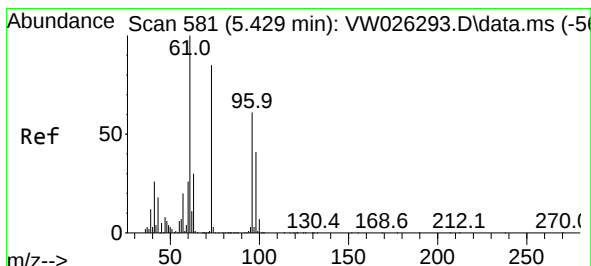
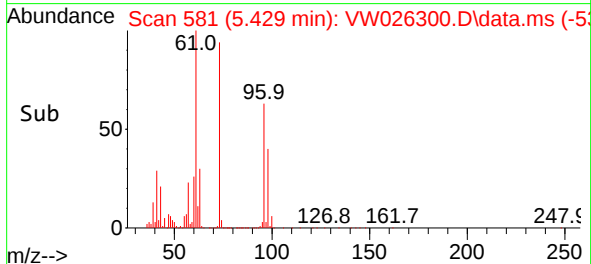
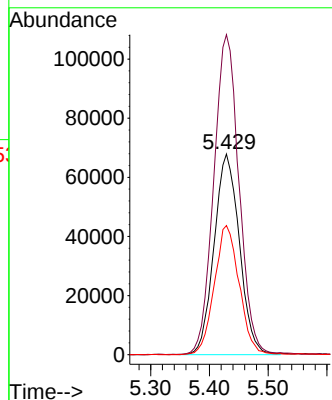
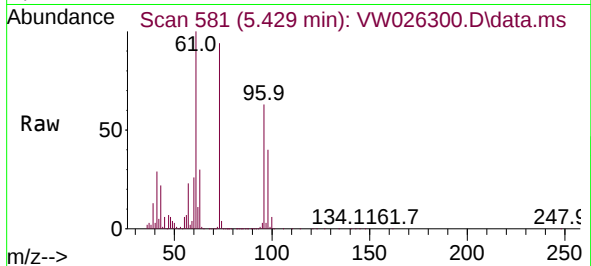




#17
trans-1,2-Dichloroethene
Concen: 19.926 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

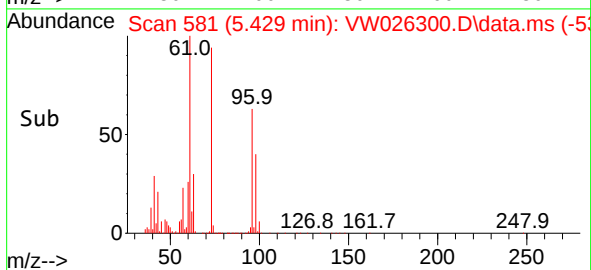
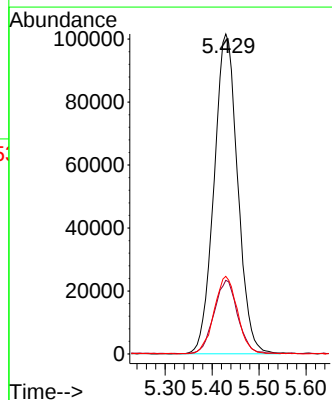
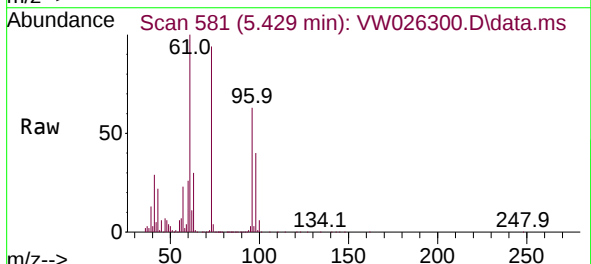
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

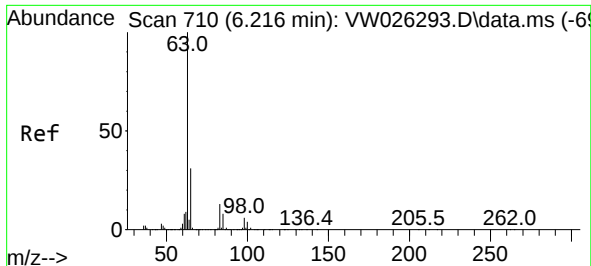
Tgt Ion: 96 Resp: 203508
Ion Ratio Lower Upper
96 100
61 159.4 113.0 209.8
98 64.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.044 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 73 Resp: 354836
Ion Ratio Lower Upper
73 100
43 23.0 17.8 26.6
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 22.349 ug/L

RT: 6.221 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

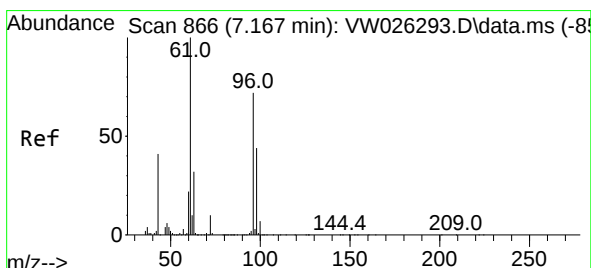
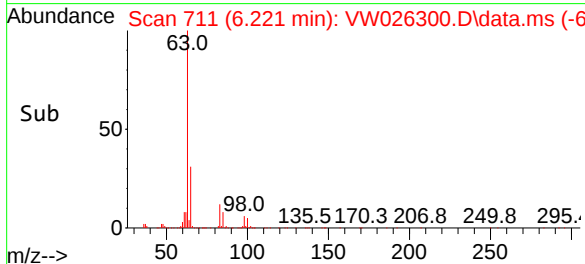
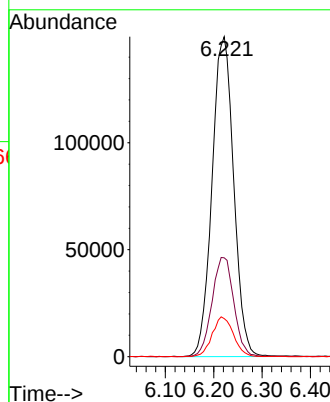
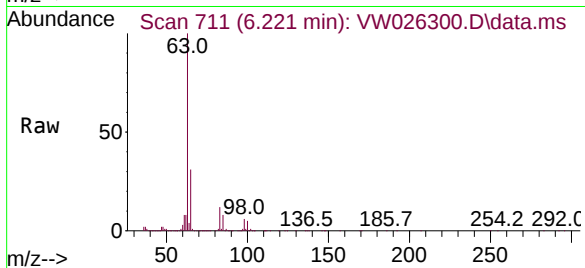
Tgt Ion: 63 Resp: 464681

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 11.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 21.529 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

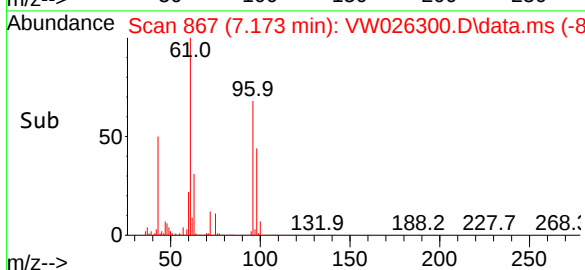
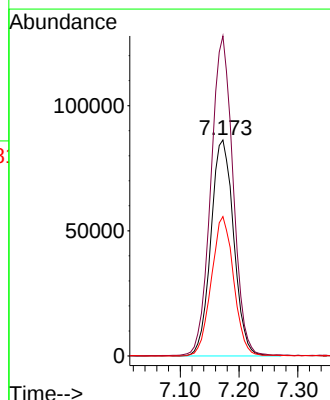
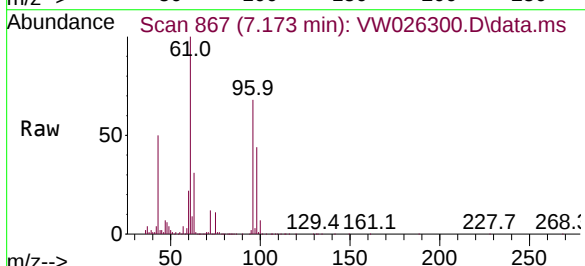
Tgt Ion: 96 Resp: 232899

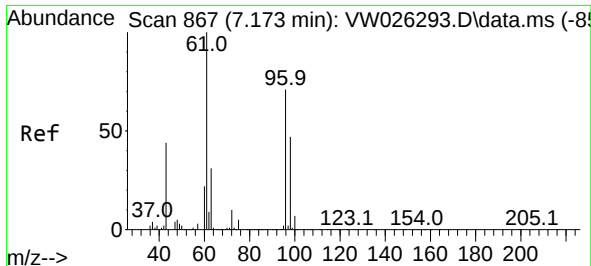
Ion Ratio Lower Upper

96 100

61 148.1 98.4 182.8

98 64.5 45.2 84.0

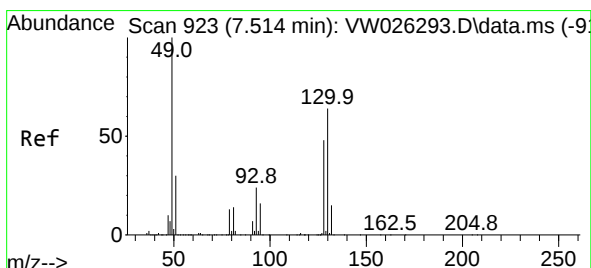
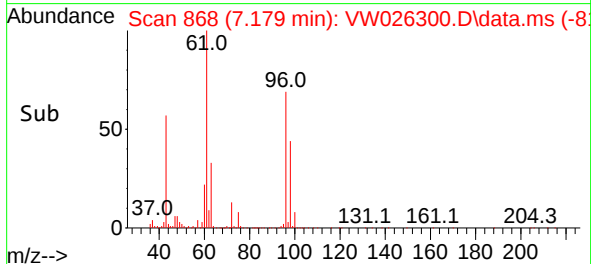
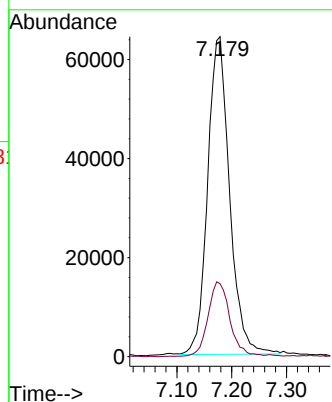
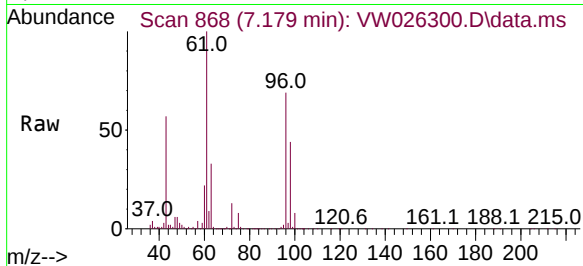




#22
2-Butanone
Concen: 55.023 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

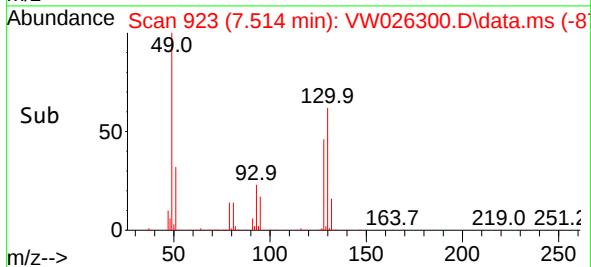
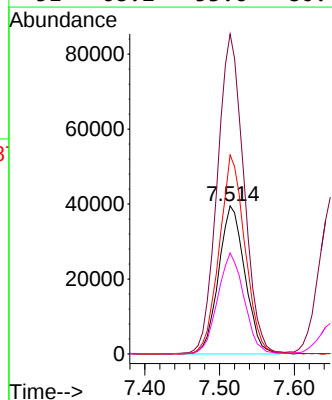
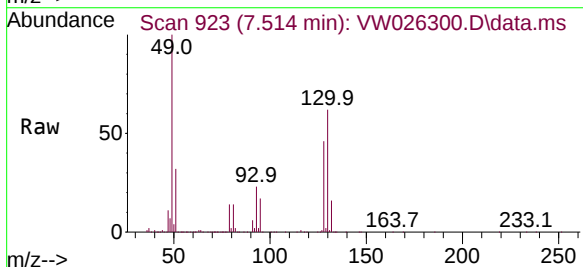
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

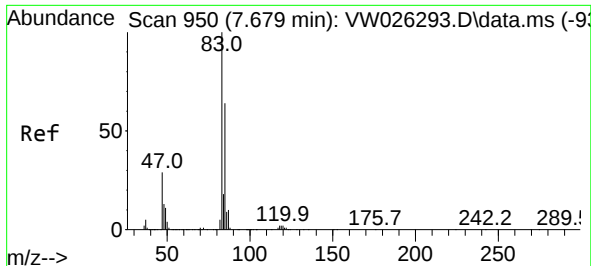
Tgt Ion: 43 Resp: 177837
Ion Ratio Lower Upper
43 100
72 23.4 12.4 37.4



#23
Bromochloromethane
Concen: 21.002 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 128 Resp: 96894
Ion Ratio Lower Upper
128 100
49 216.1 140.6 261.0
130 134.4 86.0 159.6
51 68.2 53.6 80.4

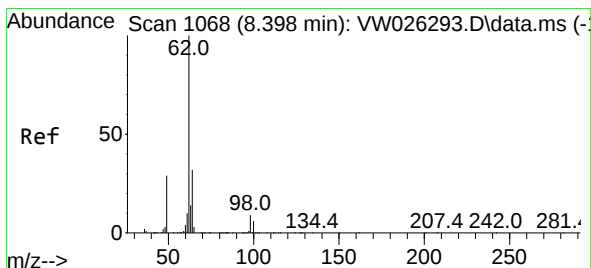
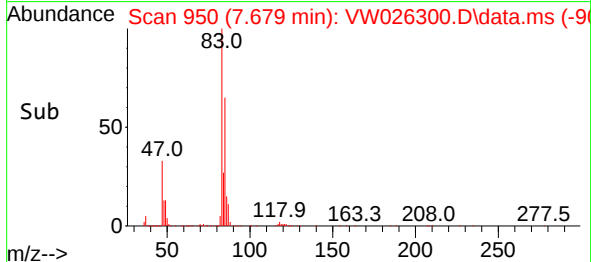
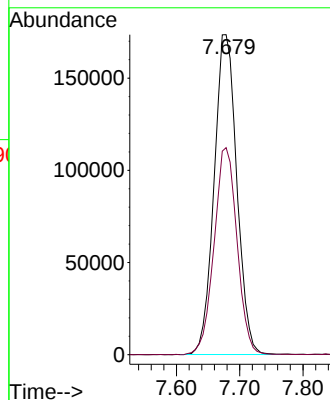
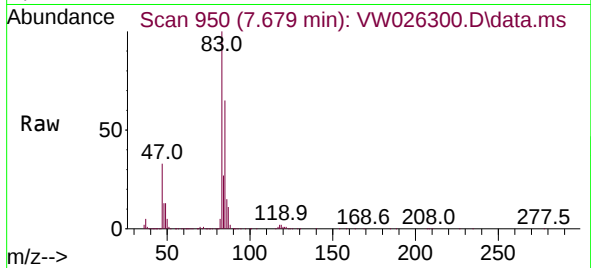




#25
Chloroform
Concen: 22.313 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

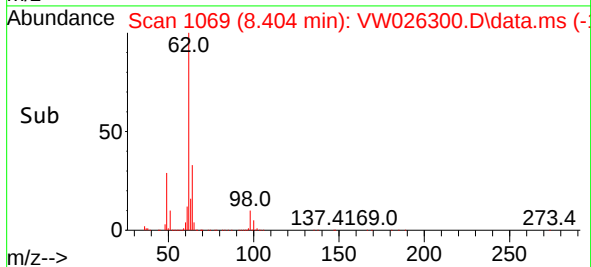
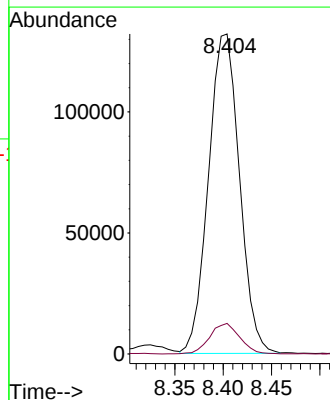
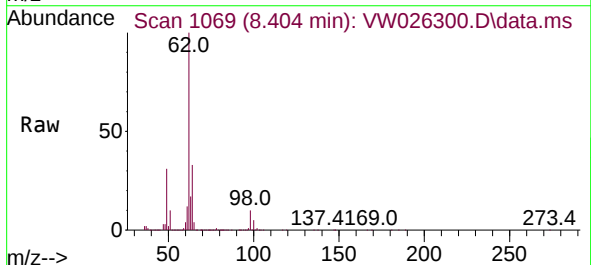
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

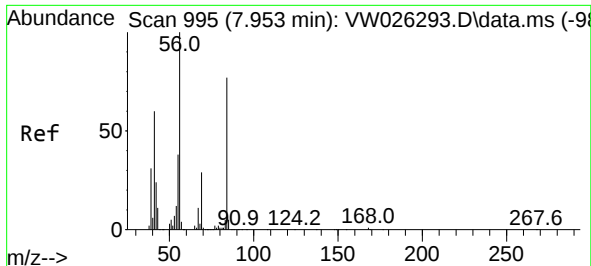
Tgt Ion: 83 Resp: 432102
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.047 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 62 Resp: 294464
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.2





#29

Cyclohexane

Concen: 20.181 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

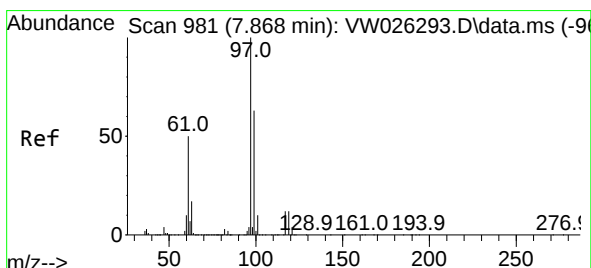
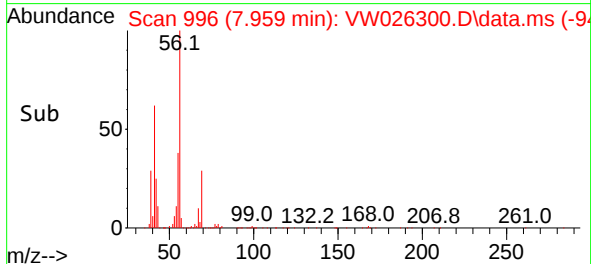
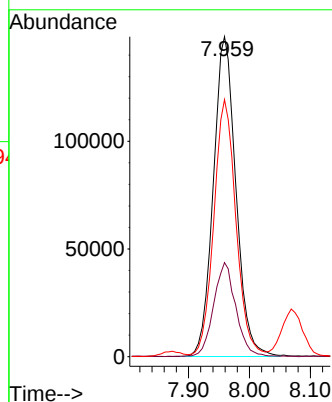
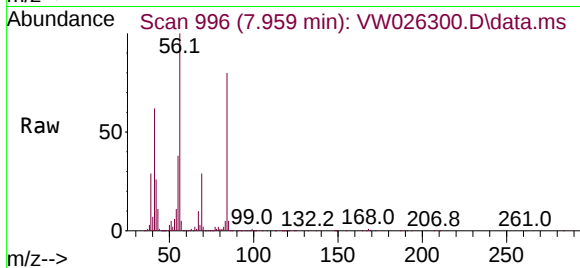
Tgt Ion: 56 Resp: 382482

Ion Ratio Lower Upper

56 100

69 28.7 23.3 34.9

84 79.0 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 23.495 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

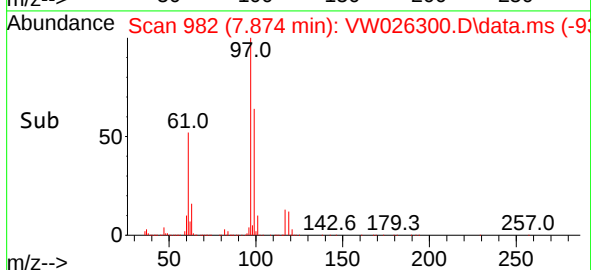
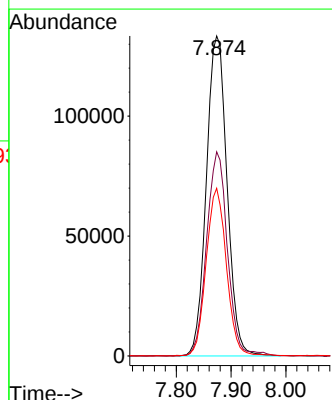
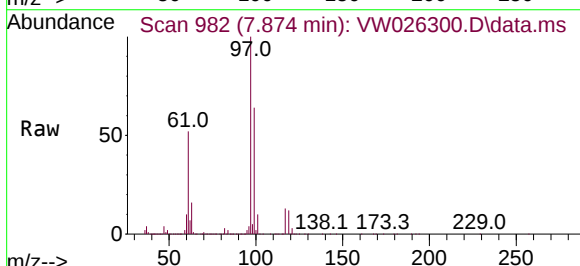
Tgt Ion: 97 Resp: 350020

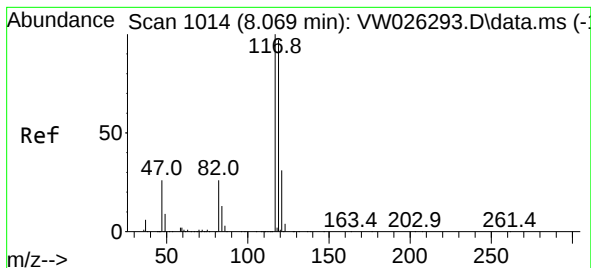
Ion Ratio Lower Upper

97 100

99 63.2 50.6 76.0

61 50.6 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.879 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

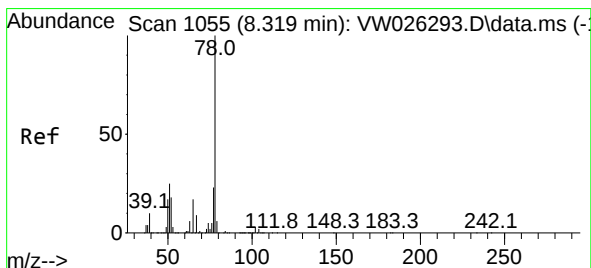
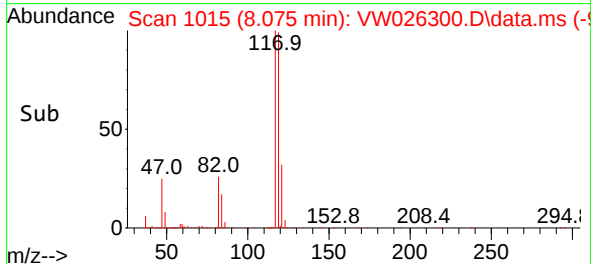
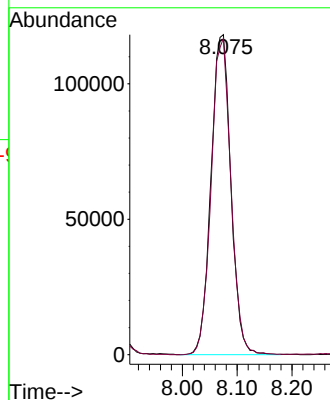
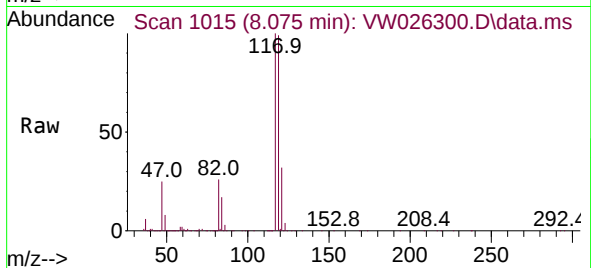
YBW52MS

Tgt Ion:117 Resp: 297439

Ion Ratio Lower Upper

117 100

119 97.9 77.4 116.2



#33

Benzene

Concen: 22.100 ug/L

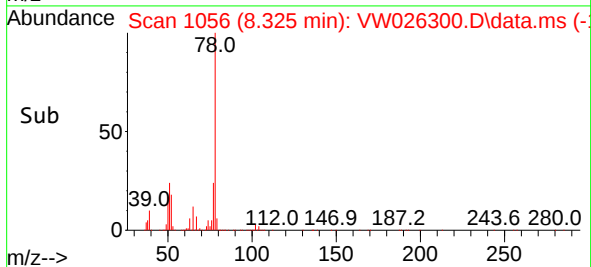
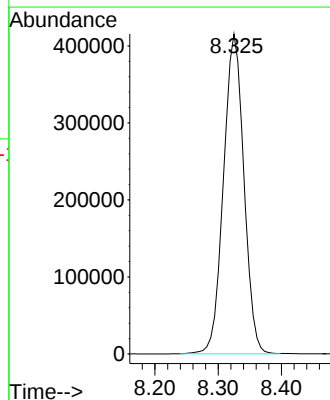
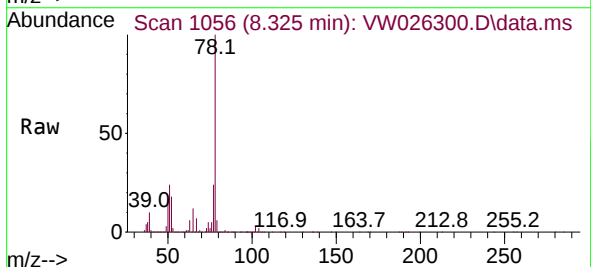
RT: 8.325 min Scan# 1056

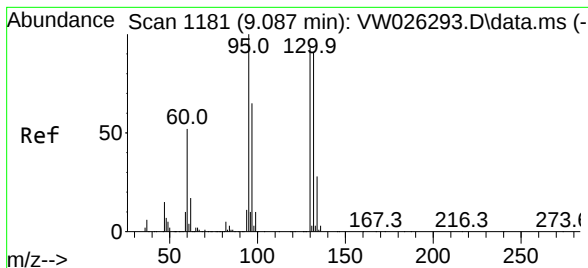
Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Tgt Ion: 78 Resp: 929379





#34

Trichloroethene

Concen: 21.043 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

Tgt Ion: 95 Resp: 226596

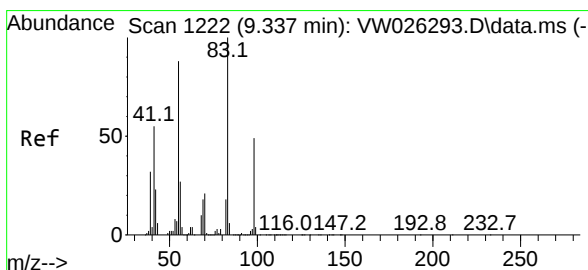
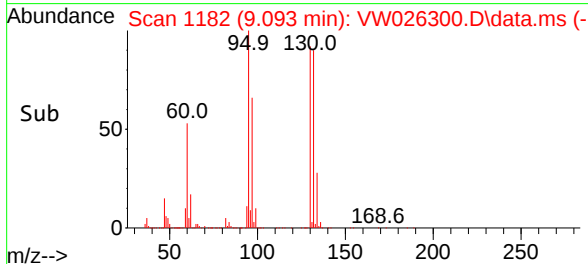
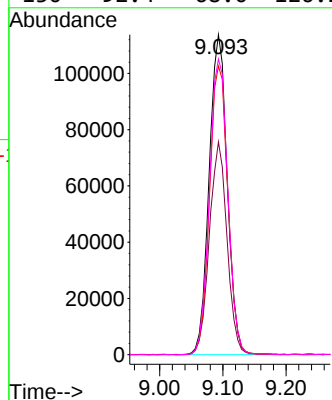
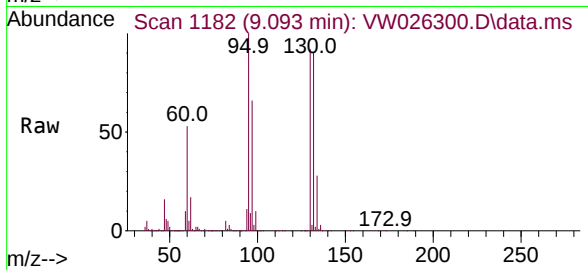
Ion Ratio Lower Upper

95 100

97 66.5 45.9 85.3

132 90.2 67.1 124.7

130 92.4 68.0 126.2



#35

Methylcyclohexane

Concen: 18.807 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

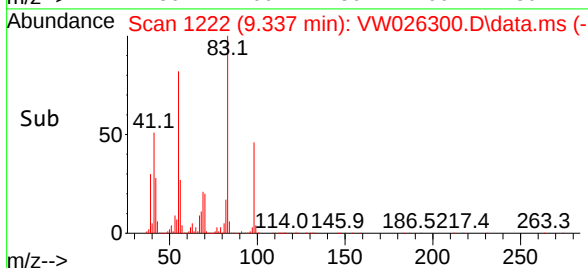
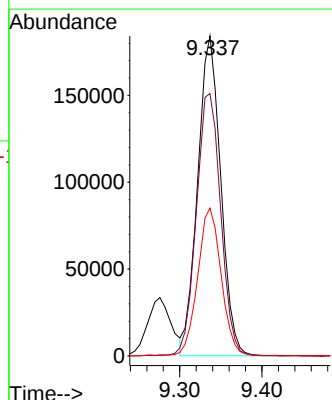
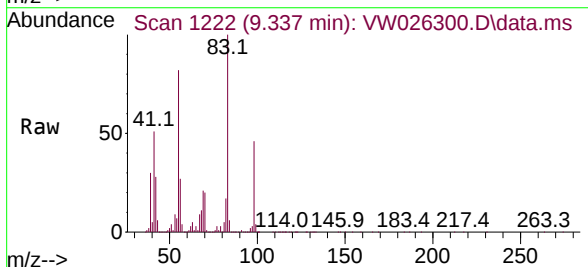
Tgt Ion: 83 Resp: 358363

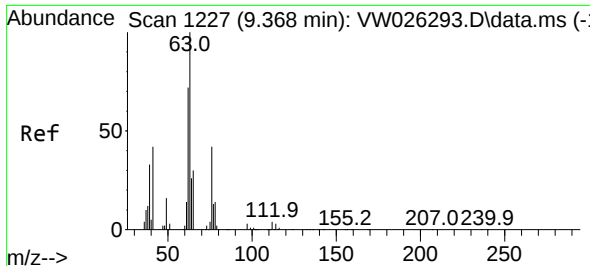
Ion Ratio Lower Upper

83 100

55 86.6 68.2 102.4

98 47.1 38.1 57.1

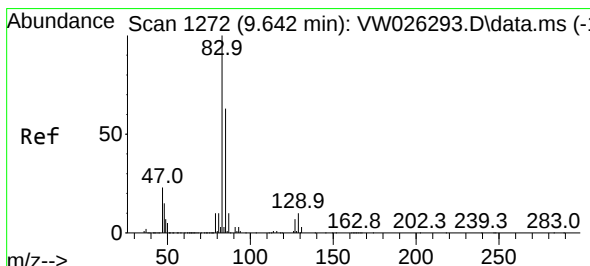
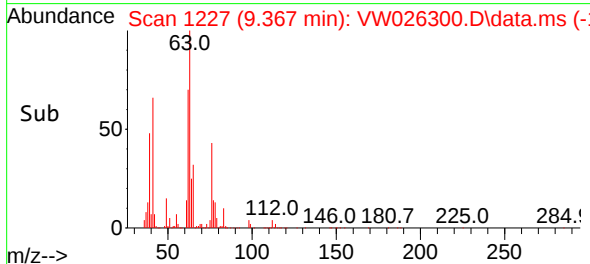
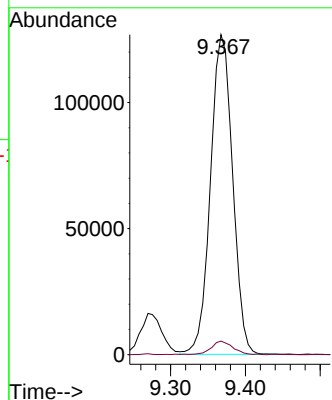
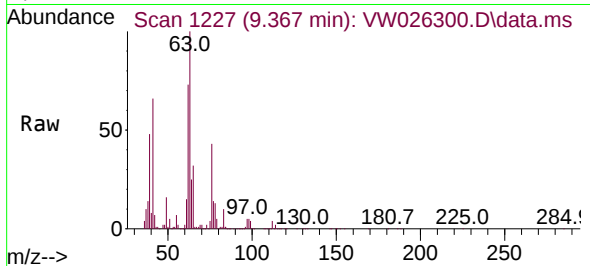




#37
1,2-Dichloropropane
Concen: 22.928 ug/L
RT: 9.367 min Scan# 111
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

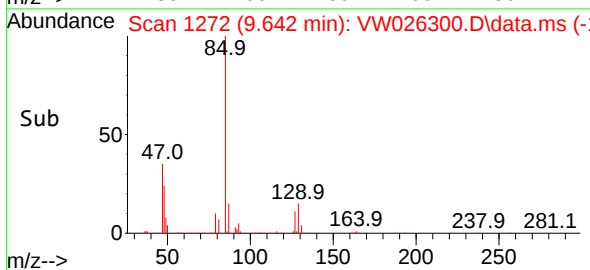
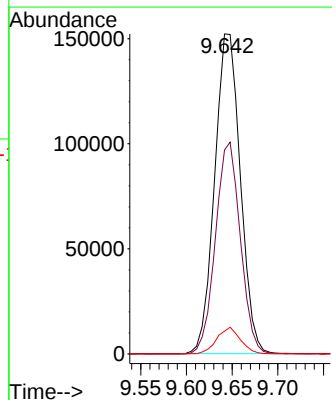
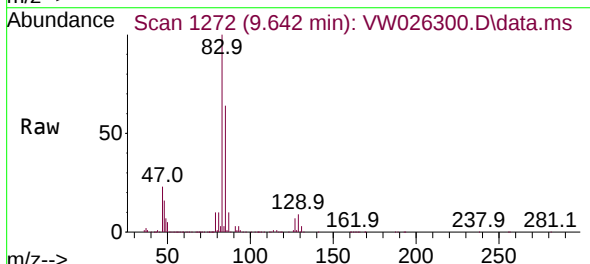
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

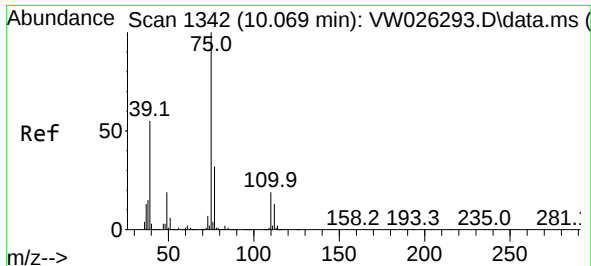
Tgt Ion: 63 Resp: 261160
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 22.470 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 83 Resp: 297345
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.0
127 7.1 6.2 9.2

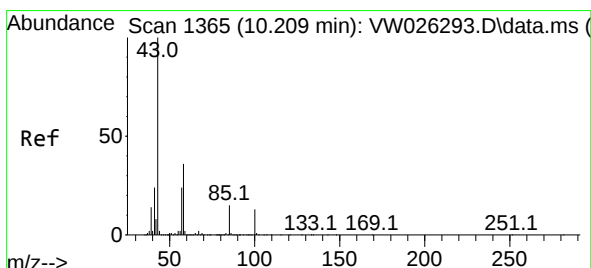
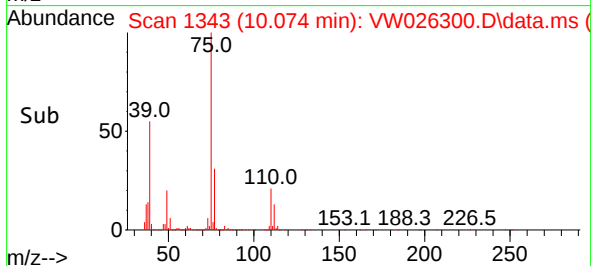
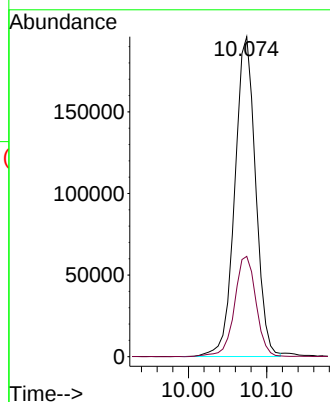
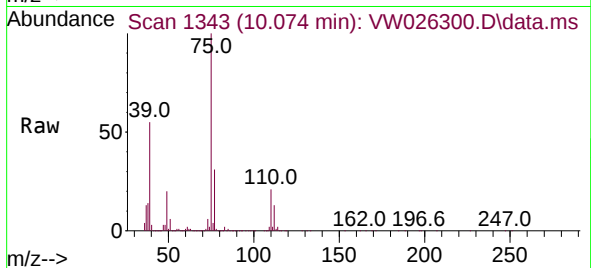




#39
 cis-1,3-Dichloropropene
 Concen: 21.582 ug/L
 RT: 10.074 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

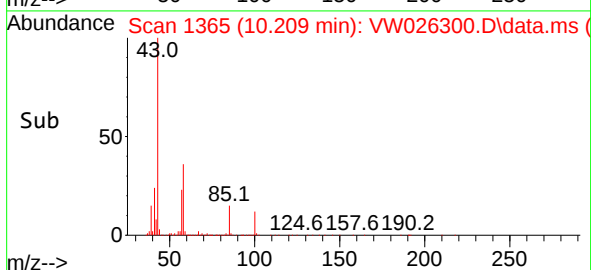
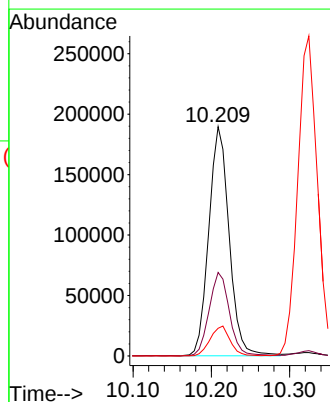
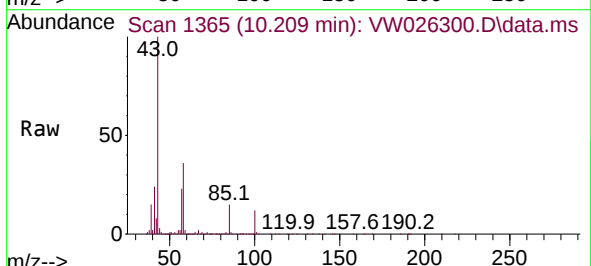
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW52MS

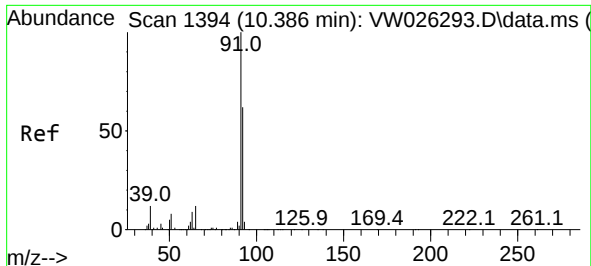
Tgt Ion: 75 Resp: 361261
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.937 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026300.D
 Acq: 22 Jun 2023 15:26

Tgt Ion: 43 Resp: 342060
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.0 43.4
 100 12.9 10.5 15.7

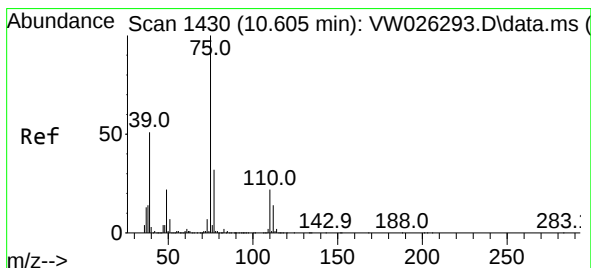
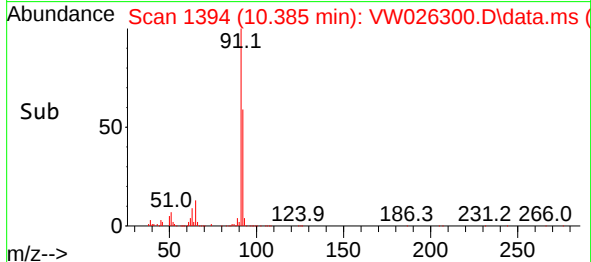
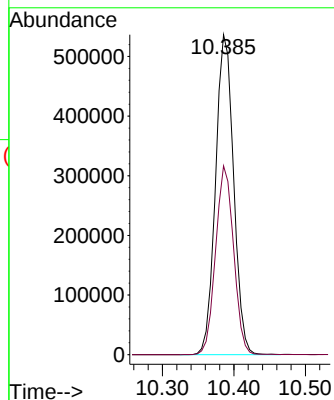
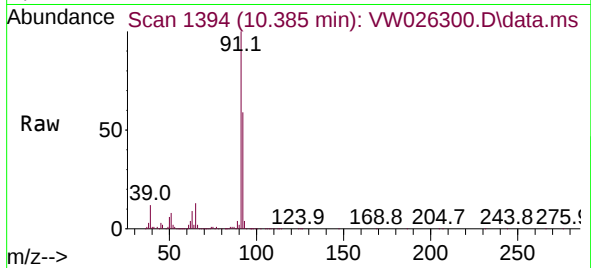




#42
Toluene
Concen: 21.860 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

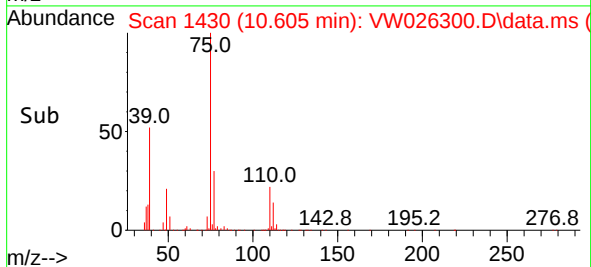
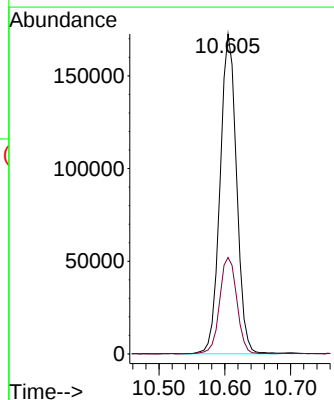
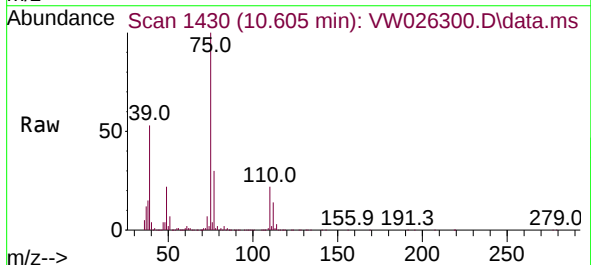
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

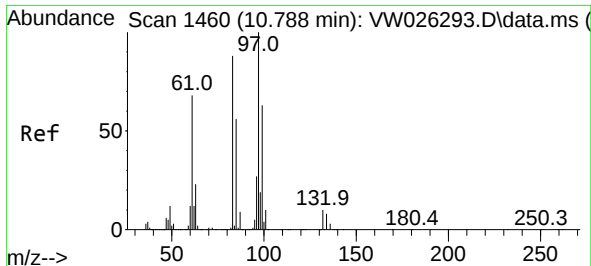
Tgt Ion: 91 Resp: 940254
Ion Ratio Lower Upper
91 100
92 59.0 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.660 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 75 Resp: 302052
Ion Ratio Lower Upper
75 100
77 30.2 21.1 39.3

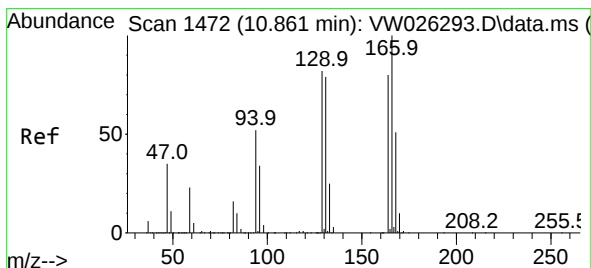
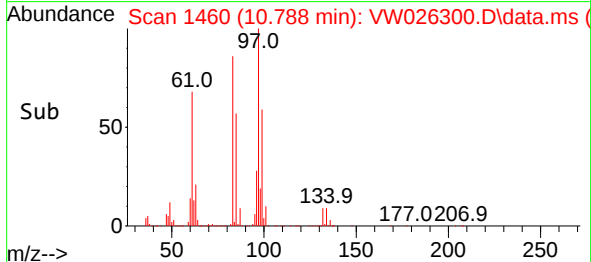
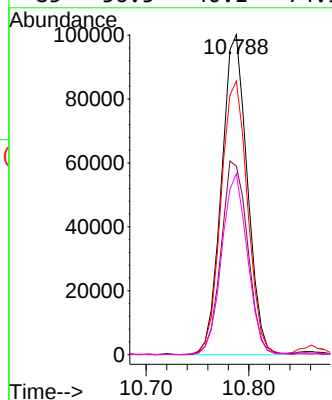
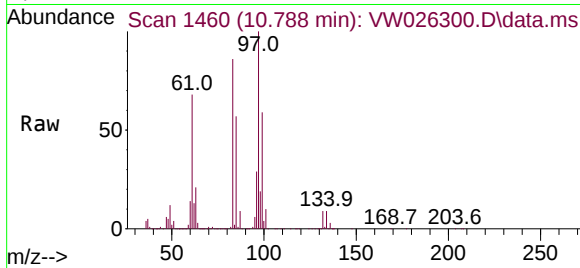




#45
1,1,2-Trichloroethane
Concen: 23.200 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

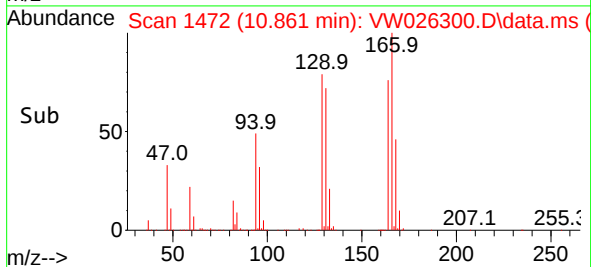
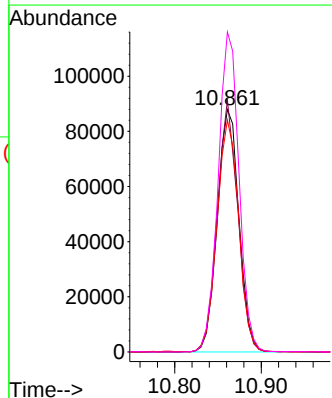
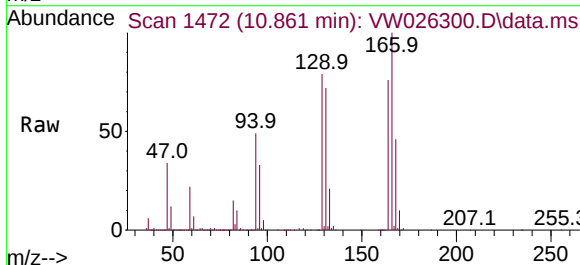
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

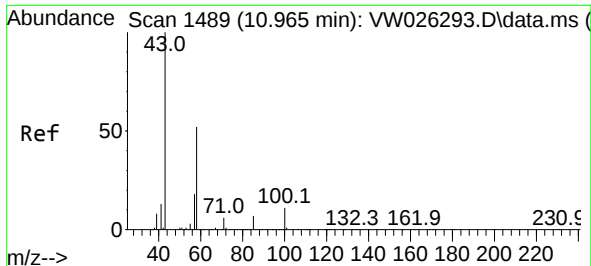
Tgt Ion:	97	Resp:	174159
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.3	80.5
83	85.5	62.9	116.9
85	56.5	40.1	74.5



#46
Tetrachloroethene
Concen: 20.113 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion:	164	Resp:	153196
Ion	Ratio	Lower	Upper
164	100		
129	103.9	68.5	127.1
131	95.6	67.1	124.7
166	132.0	94.1	174.8



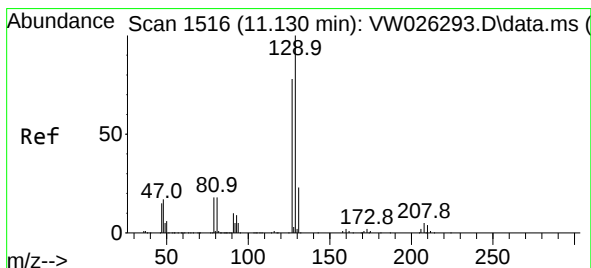
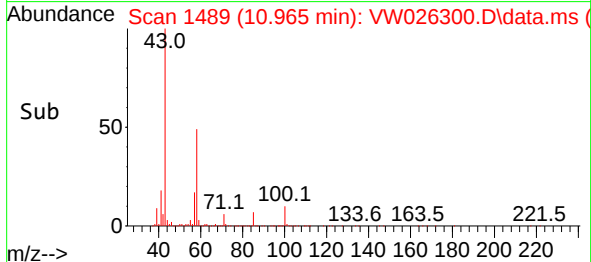
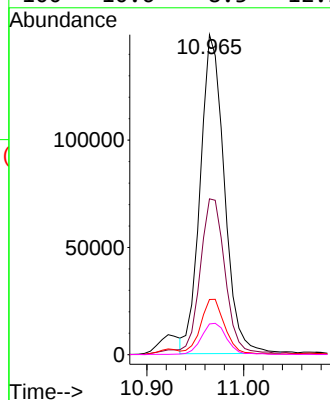
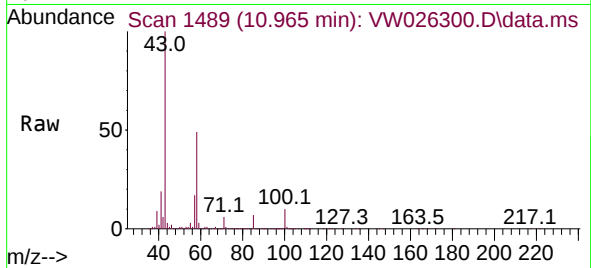


#48
2-Hexanone
Concen: 54.498 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

Tgt Ion: 43 Resp: 258046

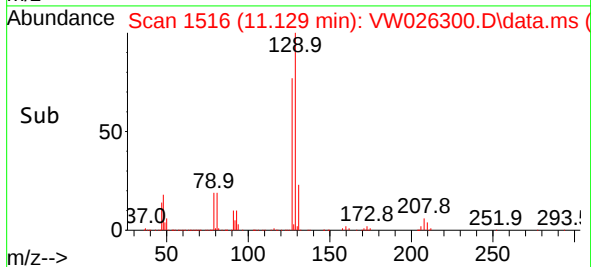
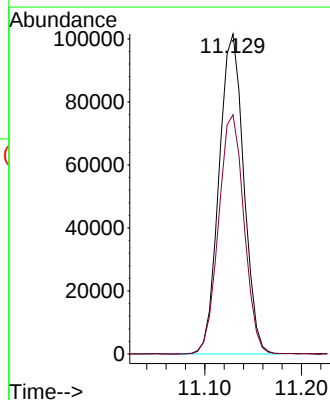
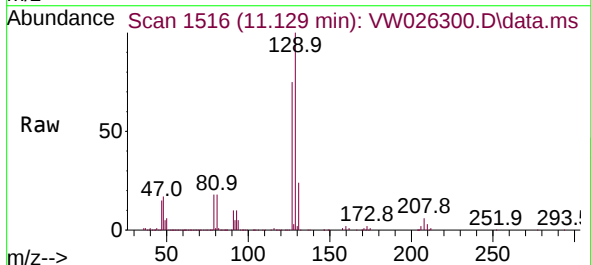
Ion	Ratio	Lower	Upper
43	100		
58	49.2	42.2	63.2
57	17.6	14.2	21.2
100	10.6	8.3	12.5

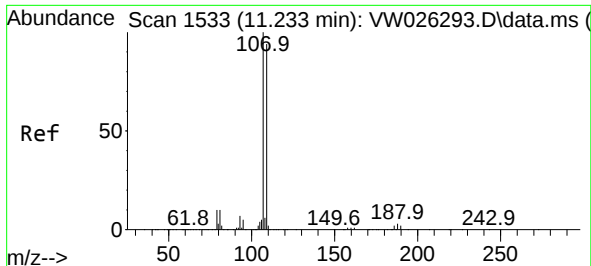


#49
Dibromochloromethane
Concen: 22.875 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion: 129 Resp: 180044

Ion	Ratio	Lower	Upper
129	100		
127	74.8	56.9	105.7

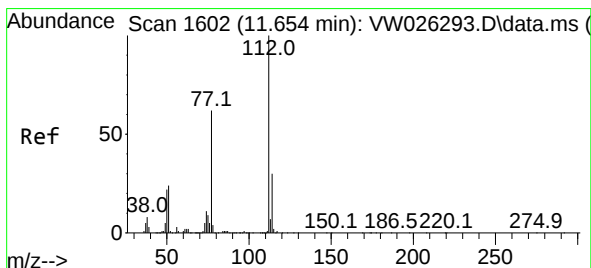
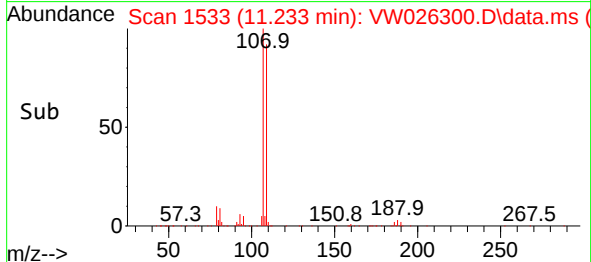
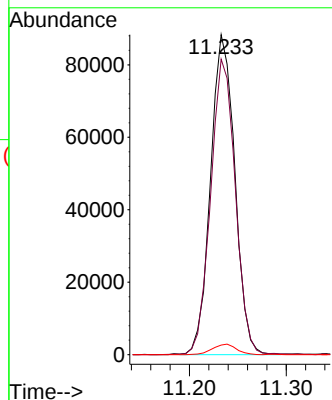
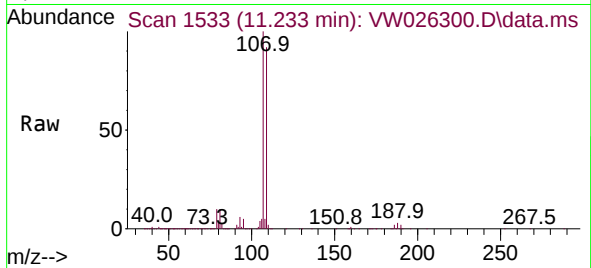




#50
1,2-Dibromoethane
Concen: 22.149 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

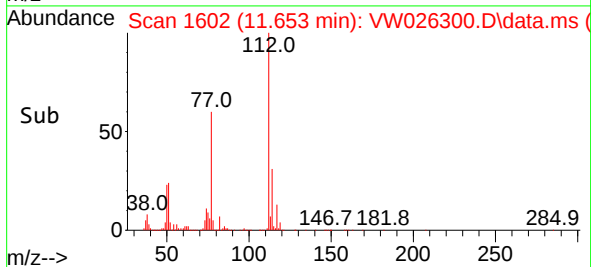
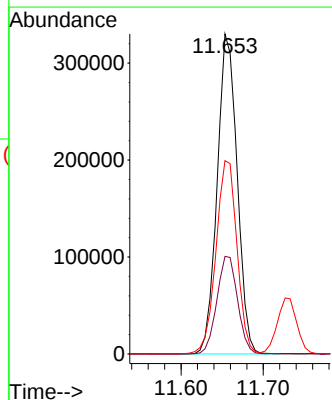
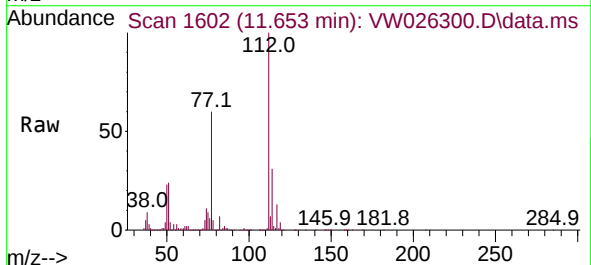
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

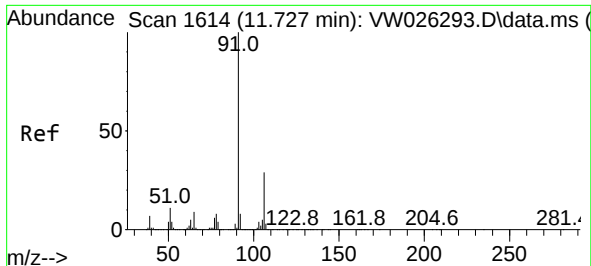
Tgt Ion:107 Resp: 153958
Ion Ratio Lower Upper
107 100
109 92.4 64.0 119.0
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 20.707 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion:112 Resp: 558136
Ion Ratio Lower Upper
112 100
114 30.5 23.0 42.6
77 60.4 50.9 76.3

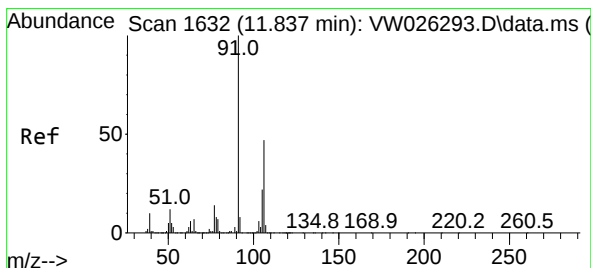
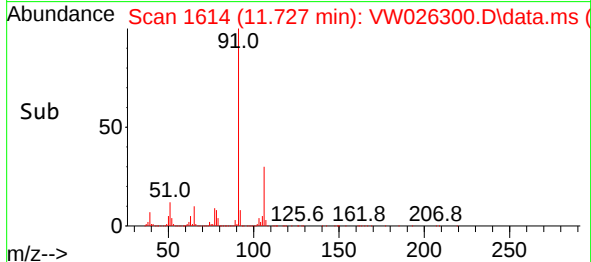
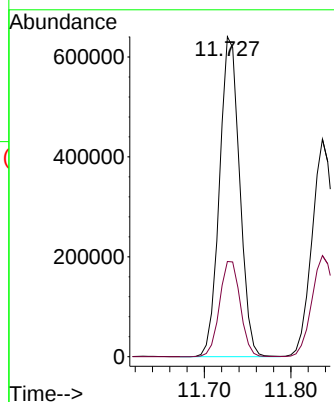
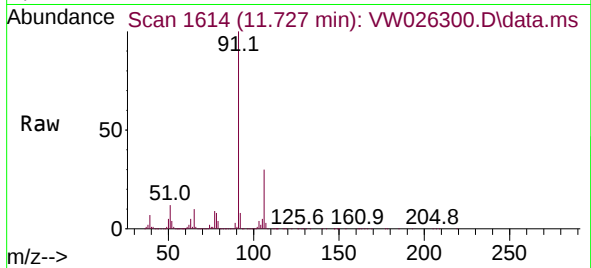




#52
Ethylbenzene
Concen: 21.329 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

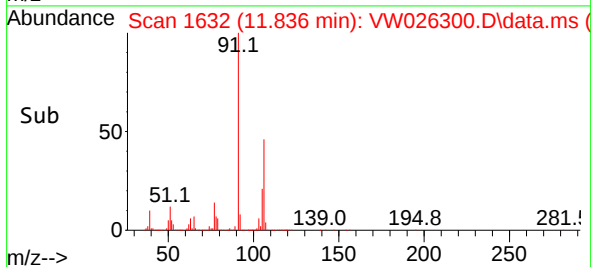
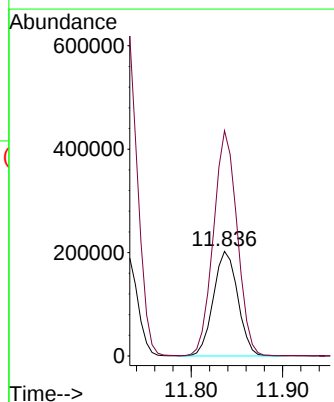
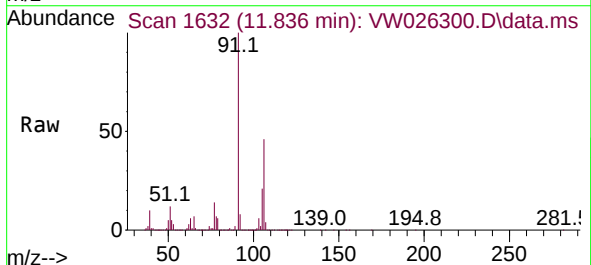
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

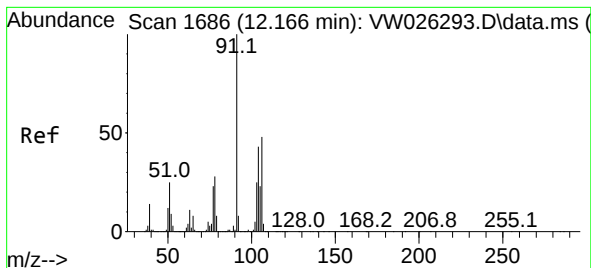
Tgt Ion: 91 Resp: 1034925
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 20.808 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion:106 Resp: 375601
Ion Ratio Lower Upper
106 100
91 215.1 149.5 277.7





#54

o-Xylene

Concen: 21.332 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

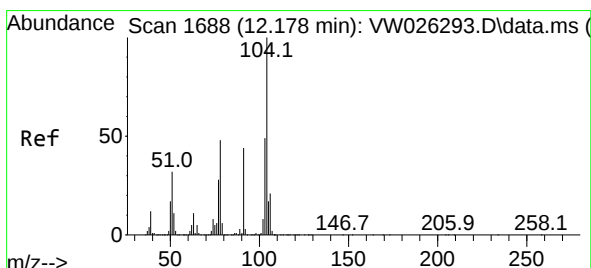
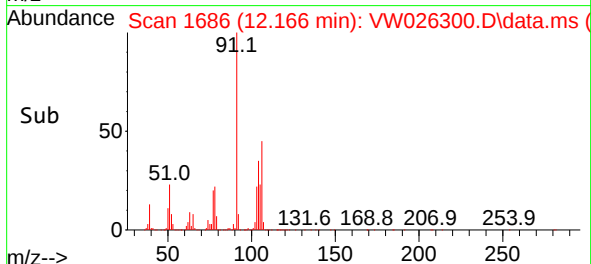
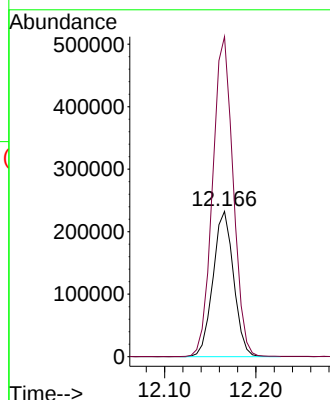
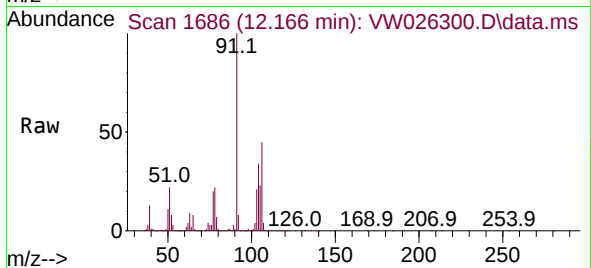
YBW52MS

Tgt Ion:106 Resp: 363427

Ion Ratio Lower Upper

106 100

91 220.2 150.9 280.3



#55

Styrene

Concen: 20.692 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026300.D

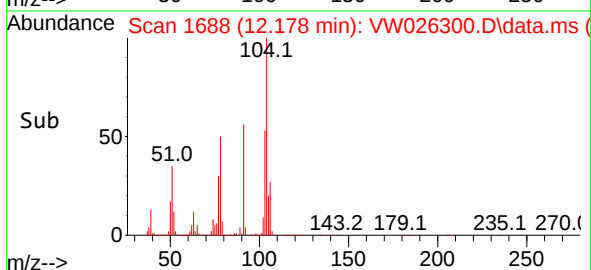
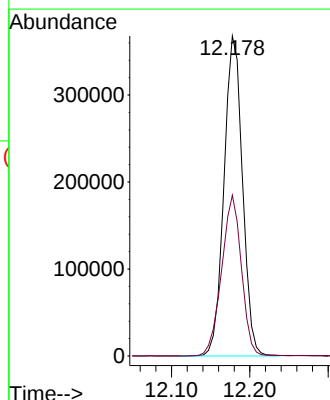
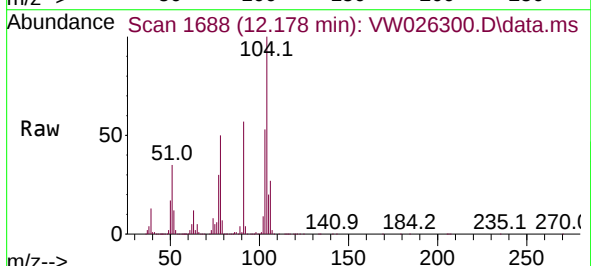
Acq: 22 Jun 2023 15:26

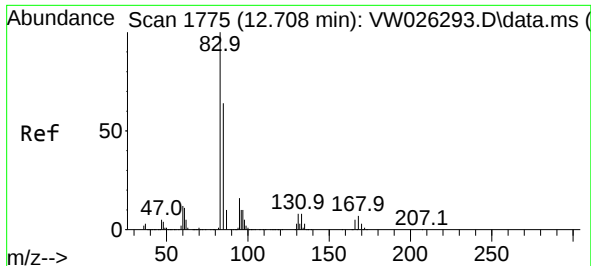
Tgt Ion:104 Resp: 604777

Ion Ratio Lower Upper

104 100

78 50.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.661 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

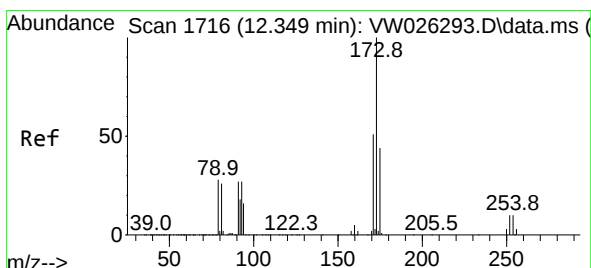
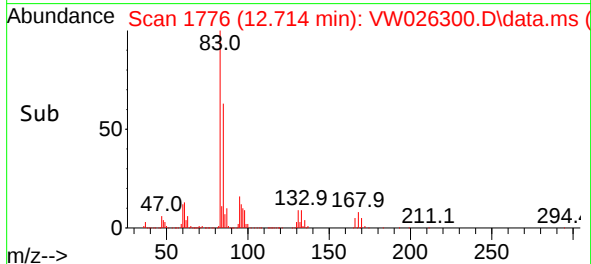
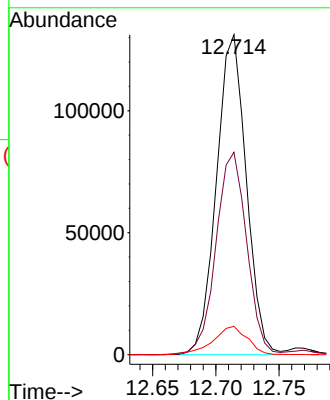
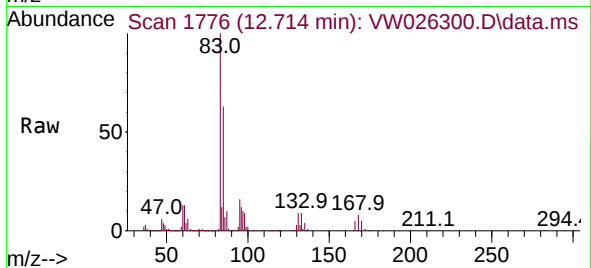
Tgt Ion: 83 Resp: 214956

Ion Ratio Lower Upper

83 100

85 63.3 42.6 79.0

131 8.9 7.2 10.8



#59

Bromoform

Concen: 25.512 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

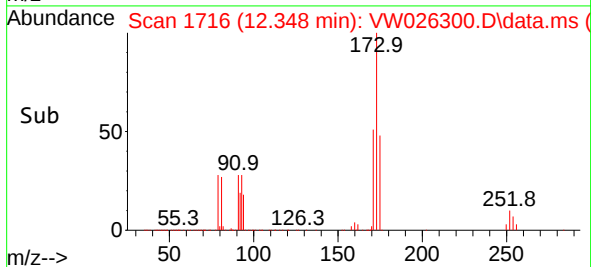
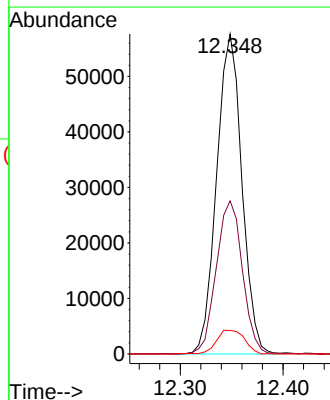
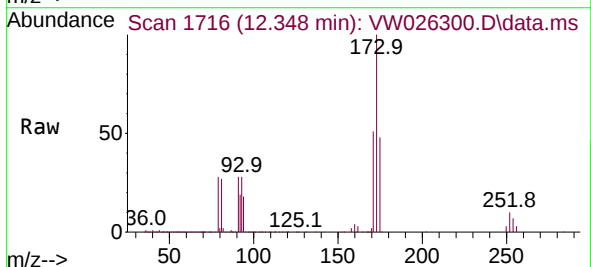
Tgt Ion: 173 Resp: 98348

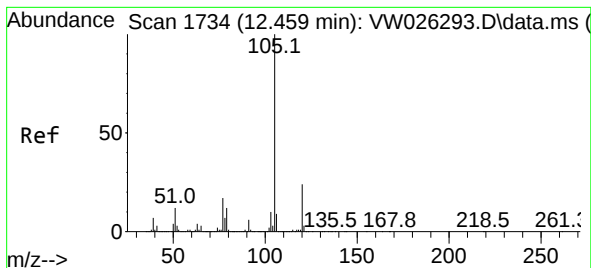
Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

254 8.2 7.4 11.0





#60

Isopropylbenzene

Concen: 24.459 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

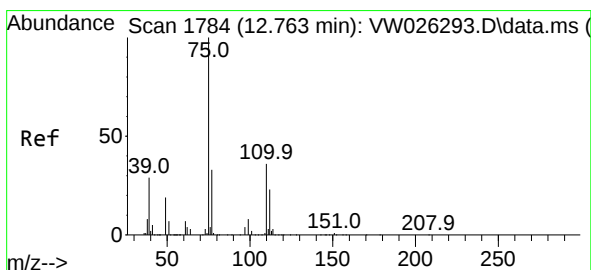
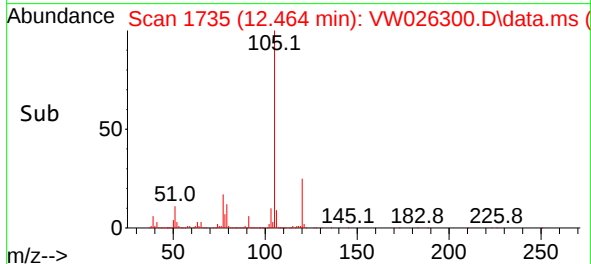
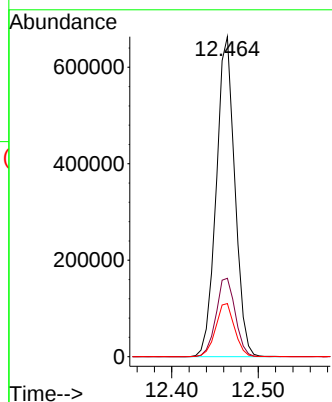
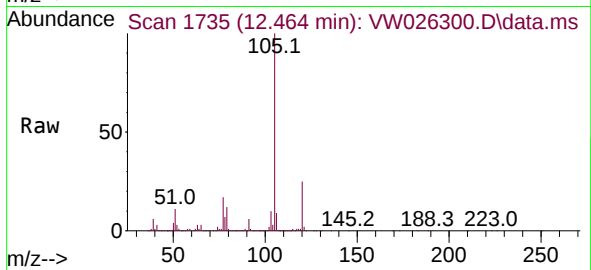
Tgt Ion:105 Resp: 986204

Ion Ratio Lower Upper

105 100

120 25.4 19.8 29.8

77 16.9 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 27.225 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

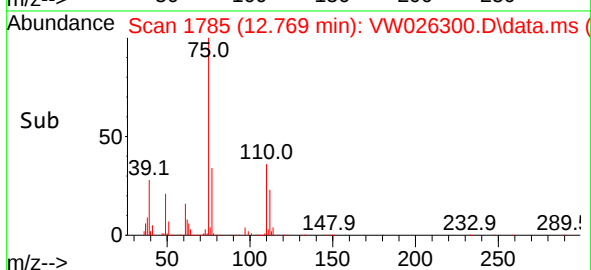
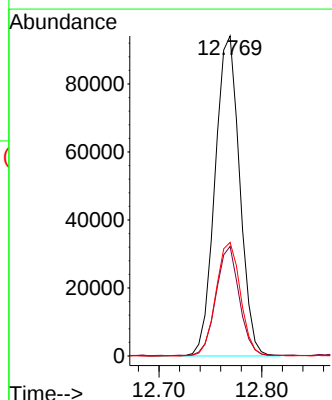
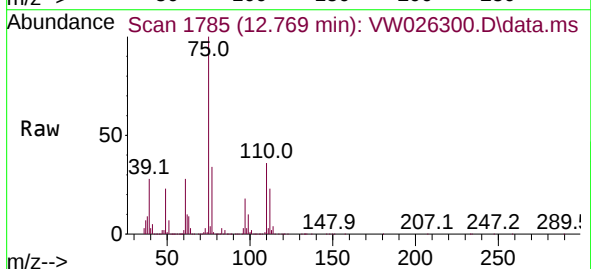
Tgt Ion: 75 Resp: 156520

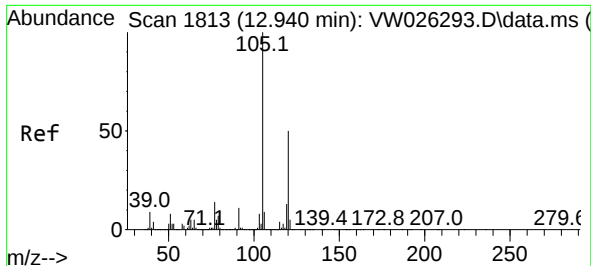
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

110 35.2 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 23.649 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

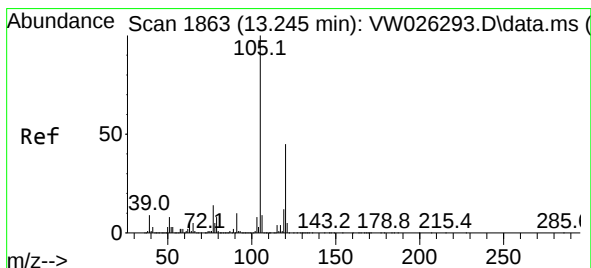
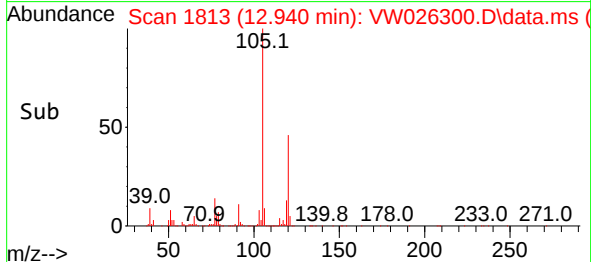
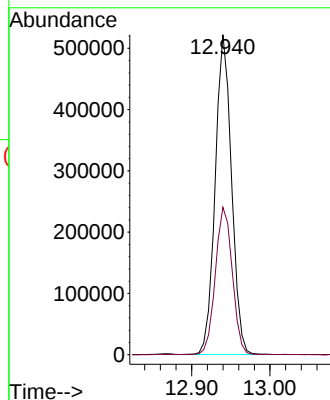
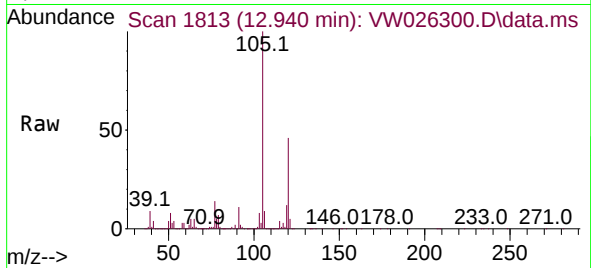
YBW52MS

Tgt Ion:105 Resp: 758015

Ion Ratio Lower Upper

105 100

120 47.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.477 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026300.D

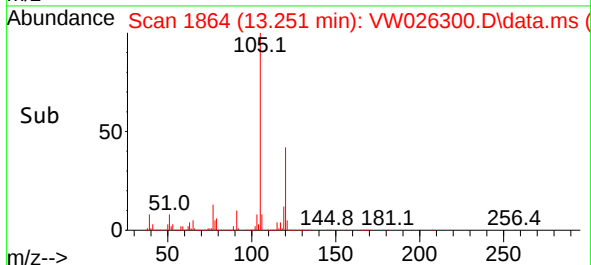
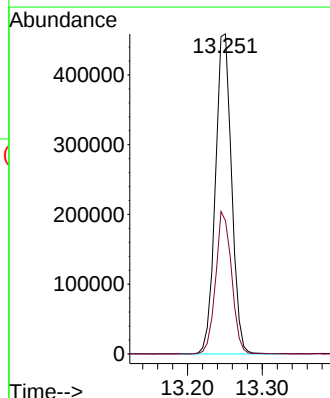
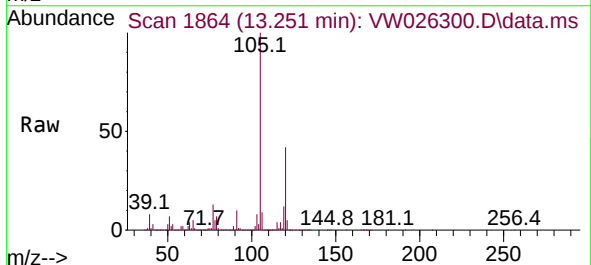
Acq: 22 Jun 2023 15:26

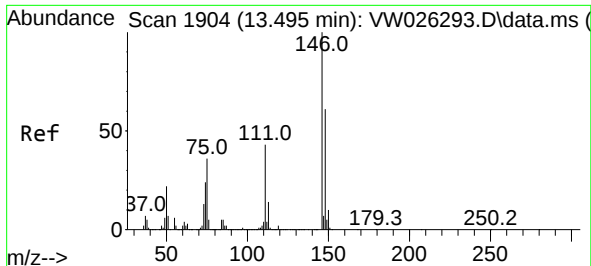
Tgt Ion:105 Resp: 689217

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.2

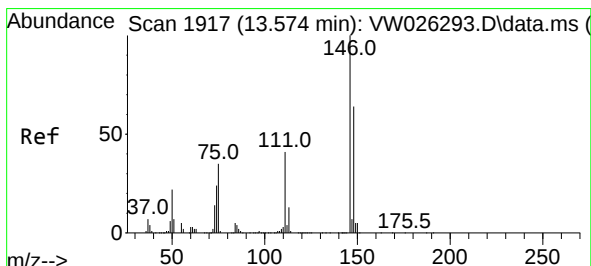
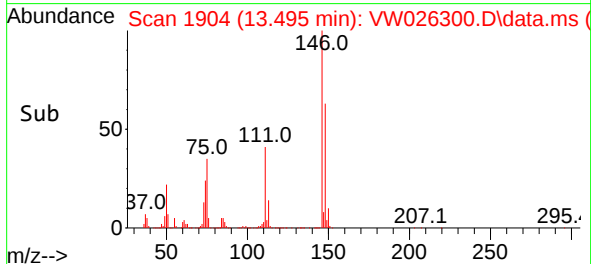
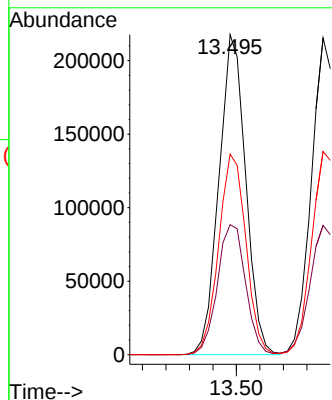
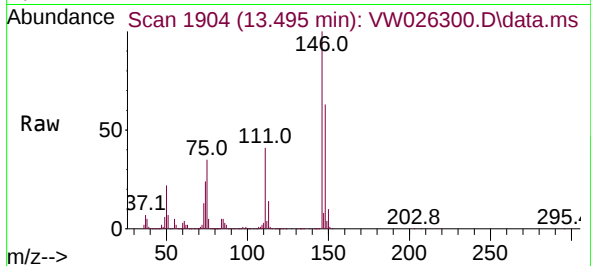




#64
1,3-Dichlorobenzene
Concen: 20.332 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

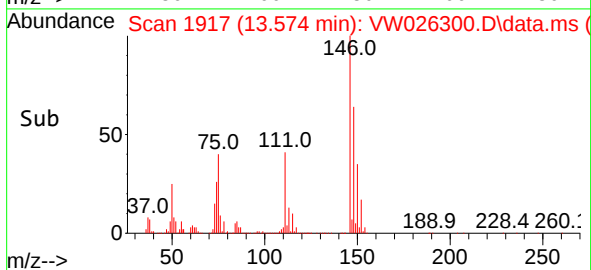
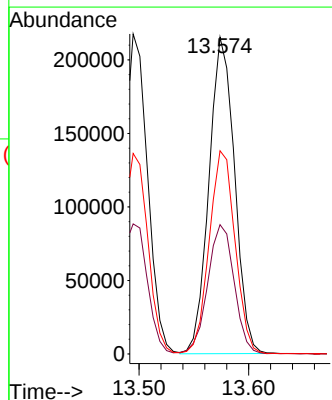
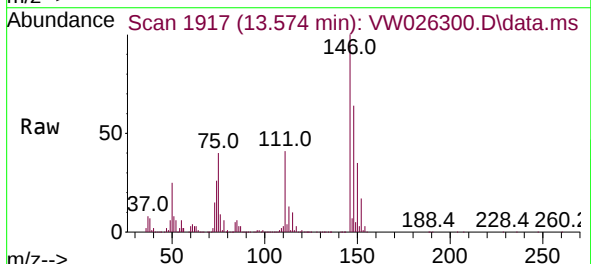
Instrument :
MSVOA_W
ClientSampleId :
YBW52MS

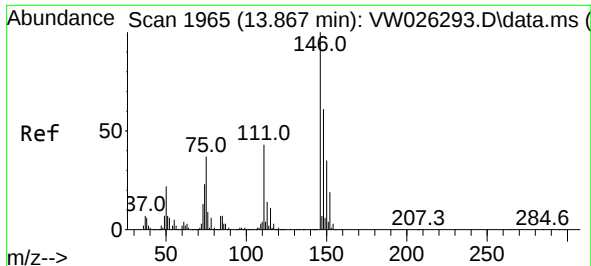
Tgt Ion:146 Resp: 344689
Ion Ratio Lower Upper
146 100
111 40.7 29.7 55.1
148 62.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.477 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026300.D
Acq: 22 Jun 2023 15:26

Tgt Ion:146 Resp: 349508
Ion Ratio Lower Upper
146 100
111 40.8 29.2 54.2
148 64.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 21.107 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

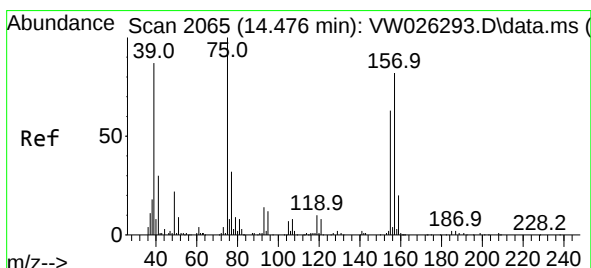
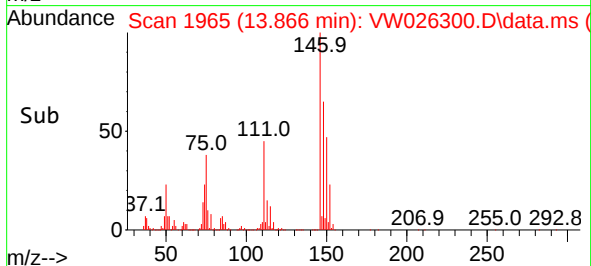
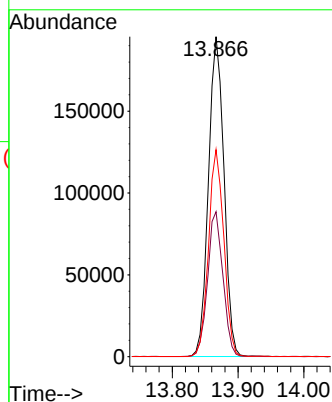
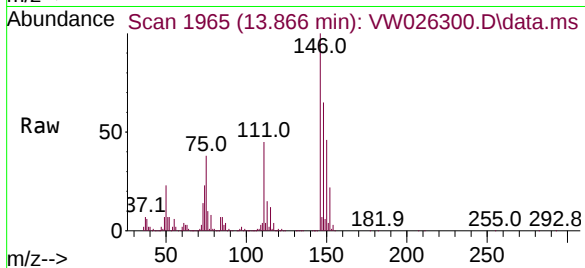
Tgt Ion:146 Resp: 321321

Ion Ratio Lower Upper

146 100

111 45.3 35.4 53.0

148 64.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.860 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

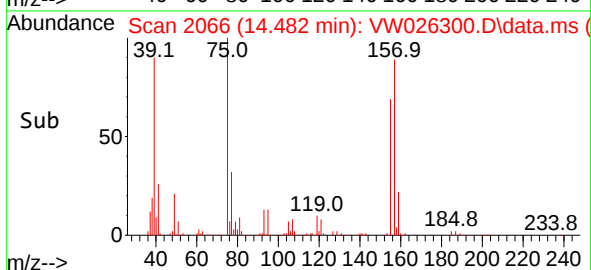
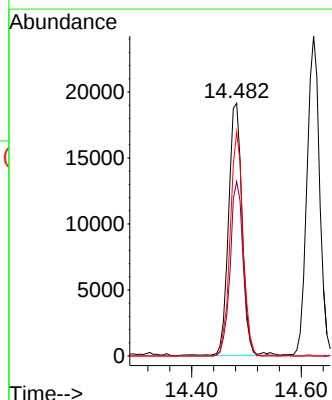
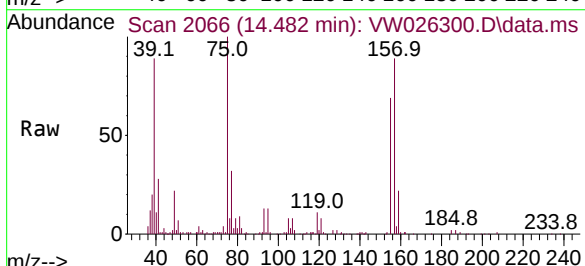
Tgt Ion: 75 Resp: 33113

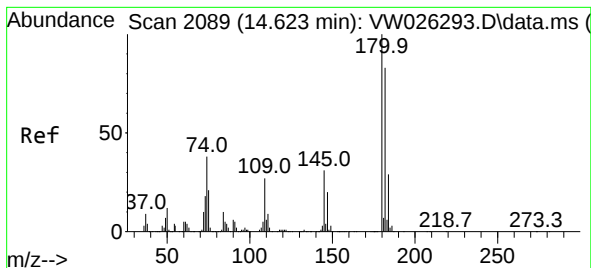
Ion Ratio Lower Upper

75 100

155 68.9 59.0 88.6

157 88.6 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 16.462 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

Tgt Ion:180 Resp: 191711

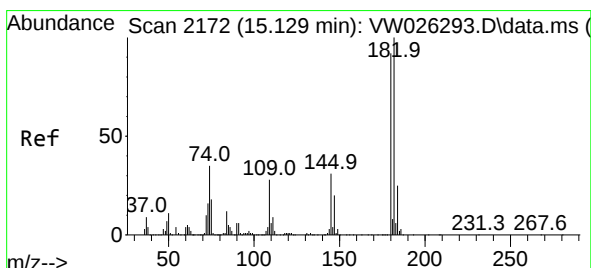
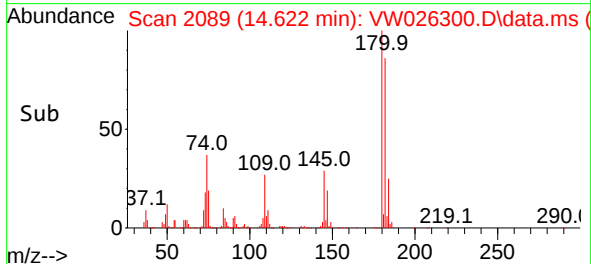
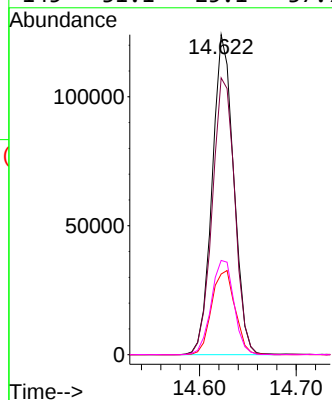
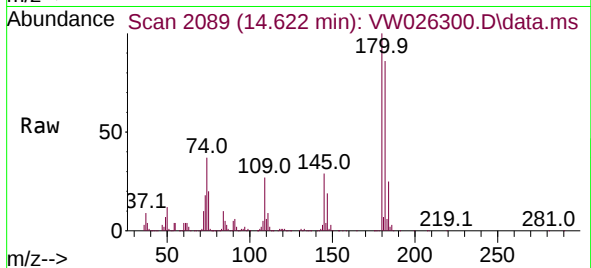
Ion Ratio Lower Upper

180 100

182 90.3 77.0 115.4

184 28.7 23.7 35.5

145 31.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 13.215 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

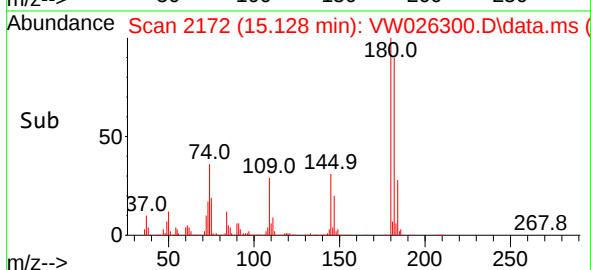
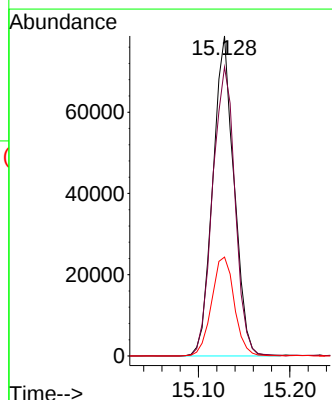
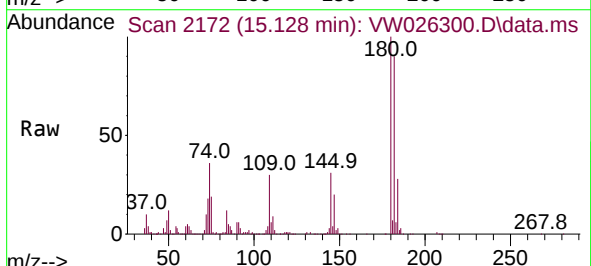
Tgt Ion:180 Resp: 126989

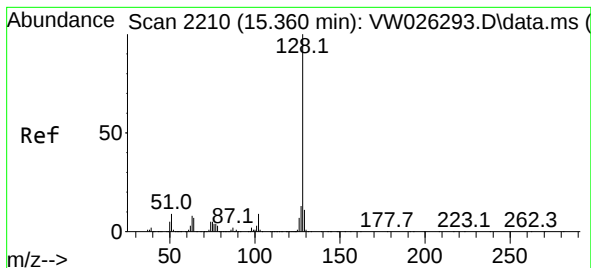
Ion Ratio Lower Upper

180 100

182 95.5 78.9 118.3

145 33.1 27.2 40.8





#71

Naphthalene

Concen: 16.226 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :

YBW52MS

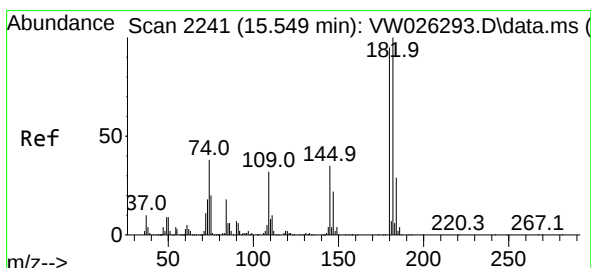
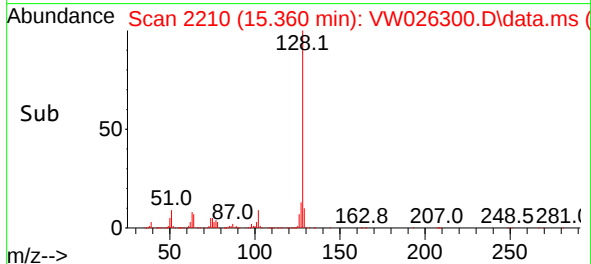
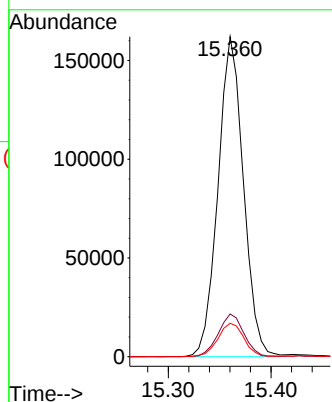
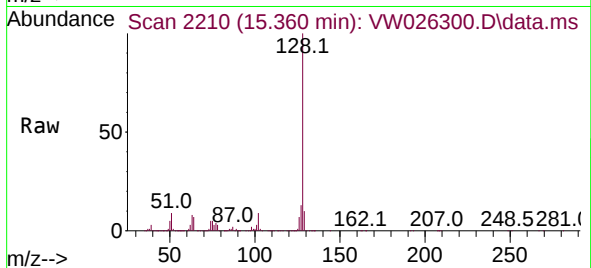
Tgt Ion:128 Resp: 277889

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 13.865 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026300.D

Acq: 22 Jun 2023 15:26

Tgt Ion:180 Resp: 116441

Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 33.2 27.0 40.6

