

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026260.D
 Acq On : 20 Jun 2023 11:20
 Operator : SY/MD
 Sample : 03307-08MS
 Misc : 5.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MS

Quant Time: Jun 21 01:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	905694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	778434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	380988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	199619	15.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.680%
7) Chloroethane-d5	2.893	69	190434	19.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.021	65	105551	16.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.200%
21) 2-Butanone-d5	7.069	46	189130	50.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
24) Chloroform-d	7.642	84	523619	19.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.960%
26) 1,2-Dichloroethane-d4	8.301	65	285384	19.678	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.720%
32) Benzene-d6	8.270	84	990296	18.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.640%
36) 1,2-Dichloropropane-d6	9.270	67	332727	20.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.319	98	831965	17.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.640%
43) trans-1,3-Dichloroprop...	10.575	79	119599	18.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.760%
47) 2-Hexanone-d5	10.922	63	128655	49.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281700	23.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	268640	18.422	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	220417	19.853	ug/L	100
3) Chloromethane	2.222	50	288901	20.294	ug/L	98
5) Vinyl chloride	2.369	62	318486	20.929	ug/L	98
6) Bromomethane	2.783	94	172491	20.793	ug/L	98
8) Chloroethane	2.930	64	194009	23.593	ug/L	98
9) Trichlorofluoromethane	3.265	101	225959	23.081	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	261864	21.198	ug/L #	73
12) 1,1-Dichloroethene	4.039	96	543647	47.145	ug/L #	65
13) Acetone	4.112	43	187184	65.215	ug/L	99
14) Carbon disulfide	4.387	76	725739	17.828	ug/L	100
15) Methyl Acetate	4.661	43	147387	22.880	ug/L	99
16) Methylene chloride	4.911	84	275244	19.041	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	256820	19.850	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	430055	21.090	ug/L	99
19) 1,1-Dichloroethane	6.216	63	574322	21.805	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	309456	22.581	ug/L	98
22) 2-Butanone	7.167	43	220335	53.814	ug/L	98
23) Bromochloromethane	7.514	128	121548	20.797	ug/L	92
25) Chloroform	7.673	83	527886	21.518	ug/L	98

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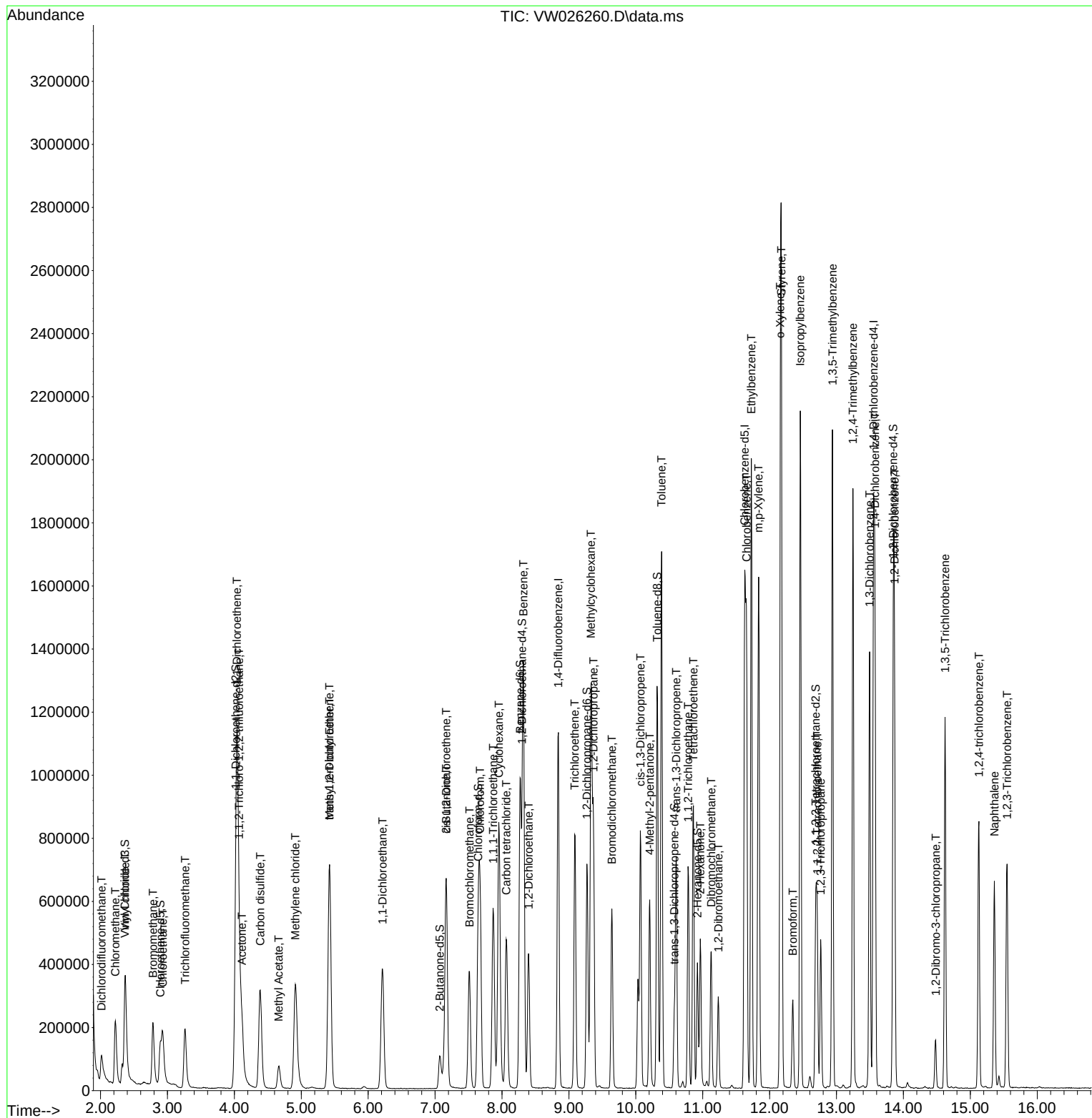
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	397687	23.504	ug/L	99
29) Cyclohexane	7.953	56	489481	20.367	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	465444	24.639	ug/L	100
31) Carbon tetrachloride	8.063	117	361384	20.964	ug/L	98
33) Benzene	8.319	78	1141706	21.410	ug/L	100
34) Trichloroethene	9.087	95	293269	21.478	ug/L	95
35) Methylcyclohexane	9.331	83	491697	20.350	ug/L	100
37) 1,2-Dichloropropane	9.367	63	324619	22.475	ug/L	100
38) Bromodichloromethane	9.642	83	374042	22.291	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	464609	21.889	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	415950	48.847	ug/L	100
42) Toluene	10.386	91	1183140	21.692	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	392543	22.199	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	216635	22.758	ug/L	97
46) Tetrachloroethene	10.861	164	198196	20.521	ug/L	89
48) 2-Hexanone	10.965	43	317801	52.930	ug/L	99
49) Dibromochloromethane	11.129	129	224189	22.463	ug/L	90
50) 1,2-Dibromoethane	11.233	107	189738	21.527	ug/L	100
51) Chlorobenzene	11.654	112	718544	21.024	ug/L	99
52) Ethylbenzene	11.727	91	1337648	21.741	ug/L	99
53) m,p-Xylene	11.837	106	488750	21.353	ug/L	97
54) o-Xylene	12.160	106	469124	21.715	ug/L	94
55) Styrene	12.178	104	812034	21.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	258512	22.440	ug/L	93
59) Bromoform	12.349	173	120304	21.024	ug/L	96
60) Isopropylbenzene	12.458	105	1305154	21.807	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	195096	22.861	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1044157	21.946	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	942492	21.628	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	512971	20.384	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	522950	20.641	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	452090	20.006	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	41487	20.983	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	326922	18.912	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	244333	17.129	ug/L	99
71) Naphthalene	15.360	128	517511	20.357	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224788	18.032	ug/L	98

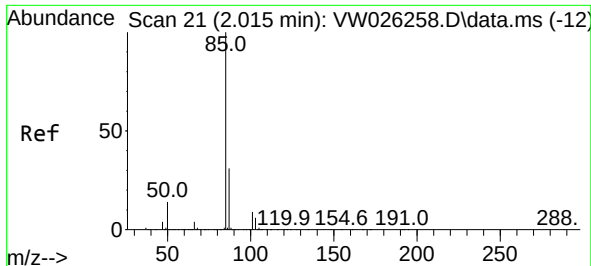
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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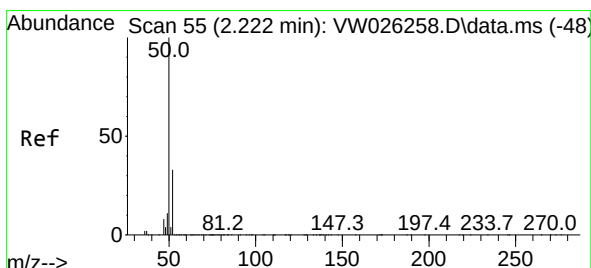
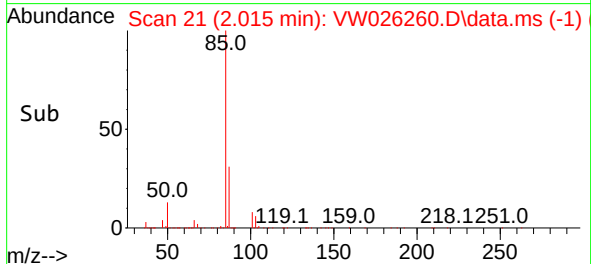
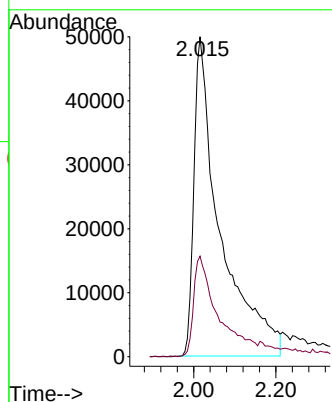
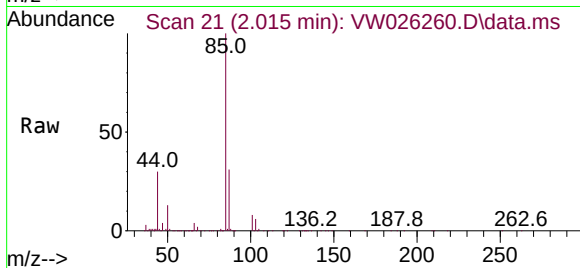




#2
 Dichlorodifluoromethane
 Concen: 19.853 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026260.D
 Acq: 20 Jun 2023 11:20

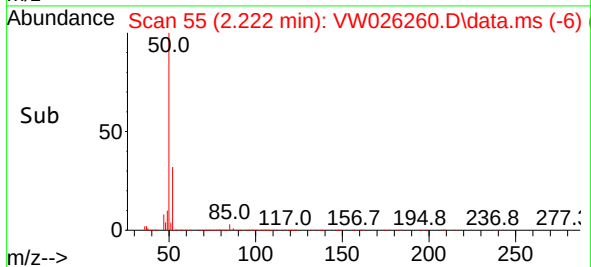
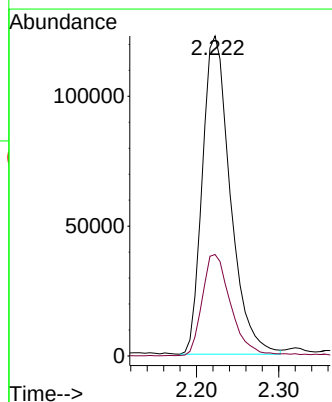
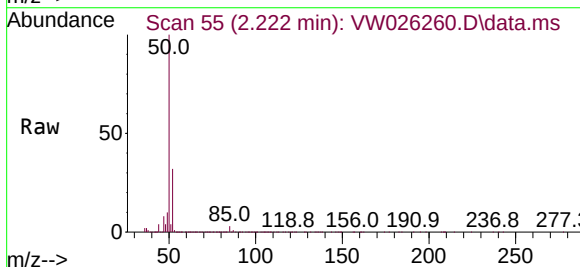
Instrument :
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 ClientSampleId :
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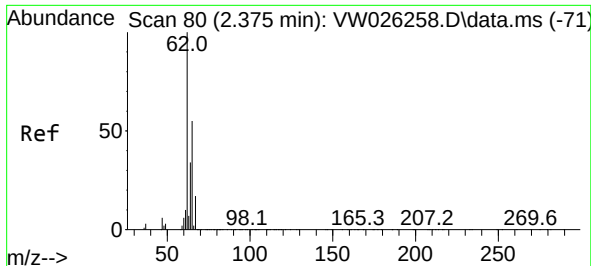
Tgt Ion: 85 Resp: 220417
 Ion Ratio Lower Upper
 85 100
 87 27.8 22.2 33.2



#3
 Chloromethane
 Concen: 20.294 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026260.D
 Acq: 20 Jun 2023 11:20

Tgt Ion: 50 Resp: 288901
 Ion Ratio Lower Upper
 50 100
 52 31.7 21.3 39.6

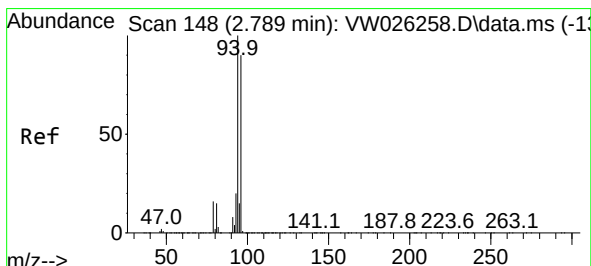
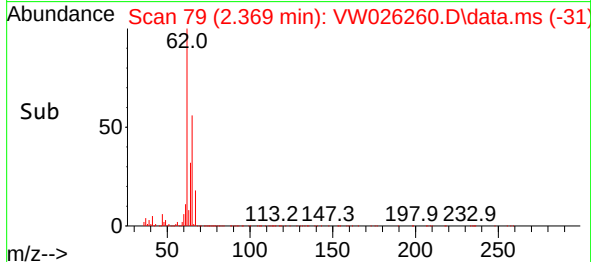
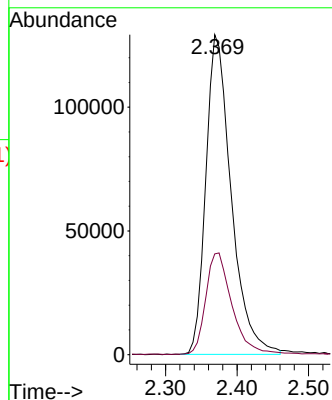
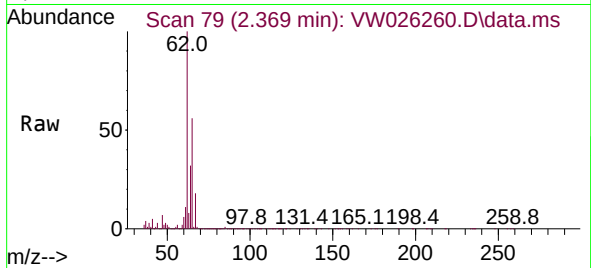




#5
 Vinyl chloride
 Concen: 20.929 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026260.D
 Acq: 20 Jun 2023 11:20

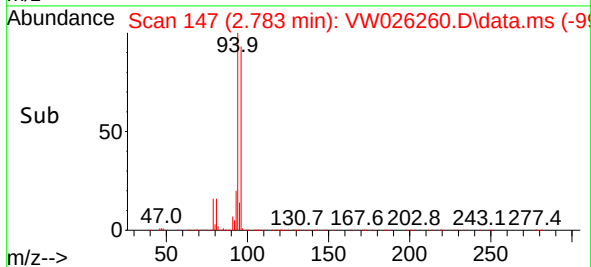
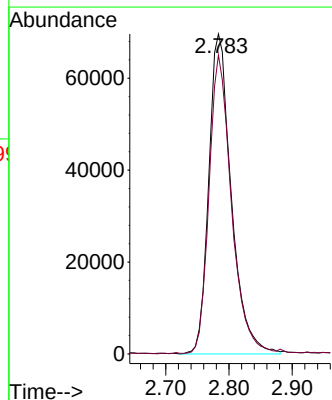
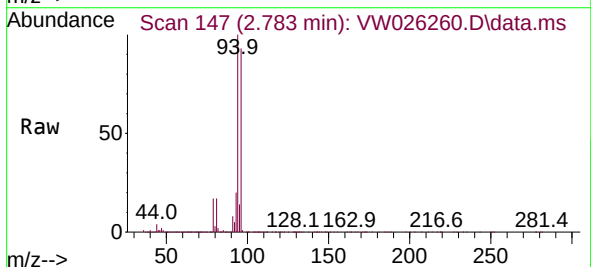
Instrument :
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 ClientSampleId :
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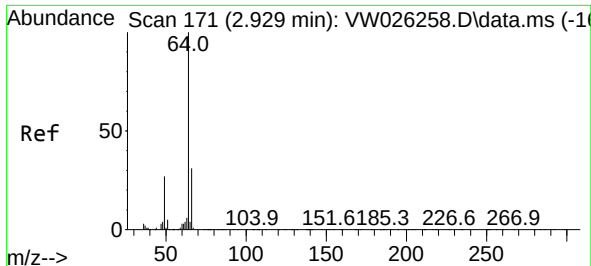
Tgt Ion: 62 Resp: 318486
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.1



#6
 Bromomethane
 Concen: 20.793 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026260.D
 Acq: 20 Jun 2023 11:20

Tgt Ion: 94 Resp: 172491
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.2 119.2





#8

Chloroethane

Concen: 23.593 ug/L

RT: 2.930 min Scan# 171

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

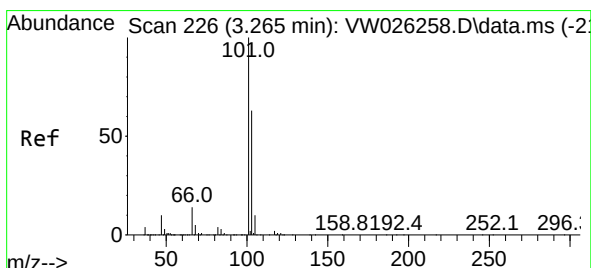
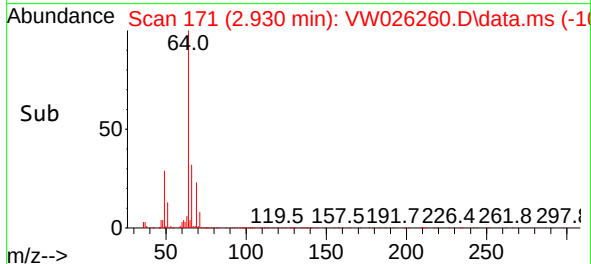
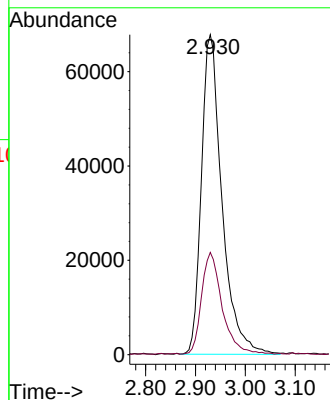
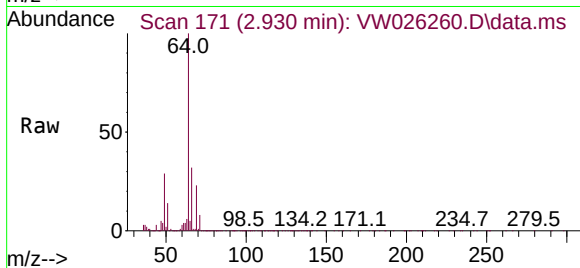
YBW10MS

Tgt Ion: 64 Resp: 194009

Ion Ratio Lower Upper

64 100

66 31.9 23.2 43.2



#9

Trichlorofluoromethane

Concen: 23.081 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW026260.D

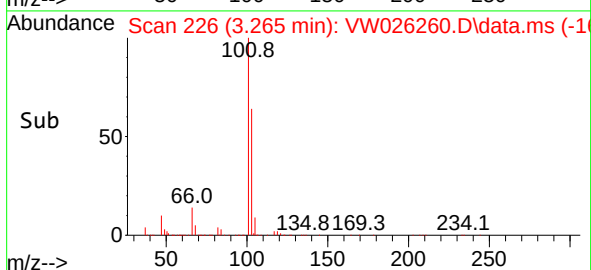
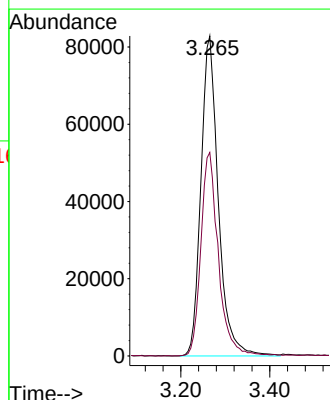
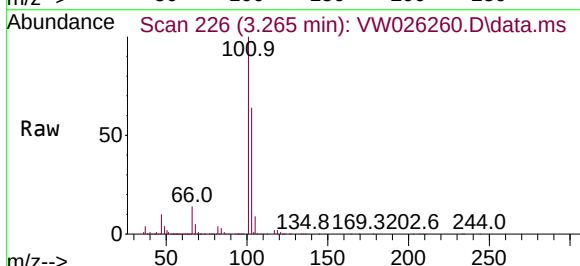
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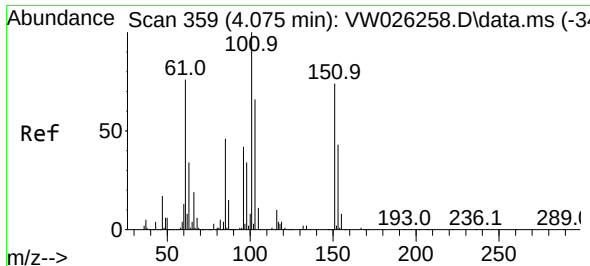
Tgt Ion: 101 Resp: 225959

Ion Ratio Lower Upper

101 100

103 63.2 51.6 77.4

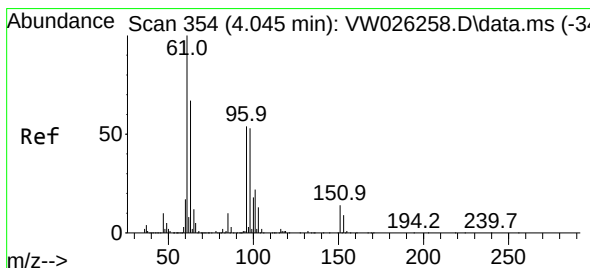
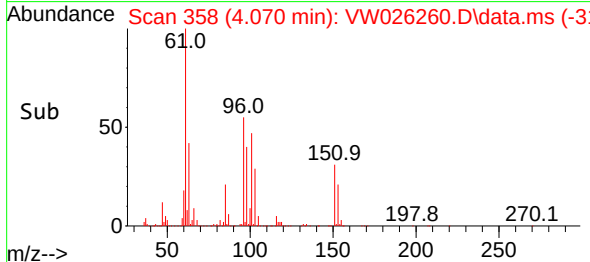
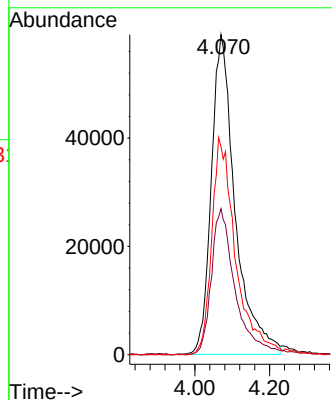
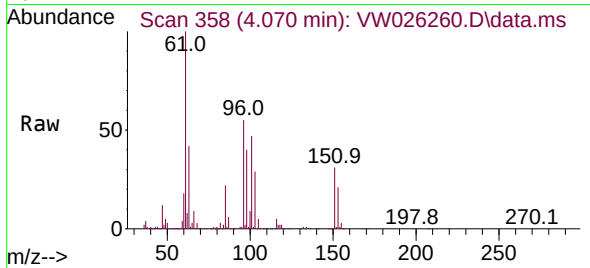




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.198 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026260.D
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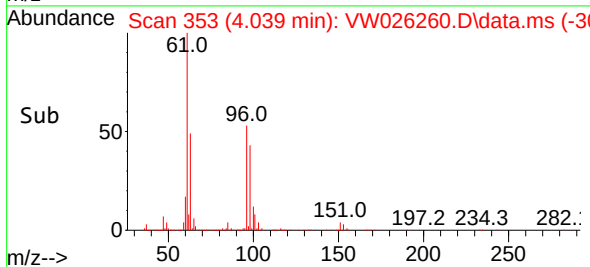
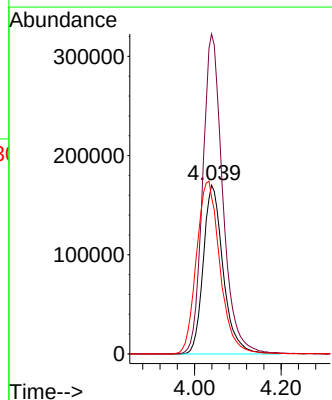
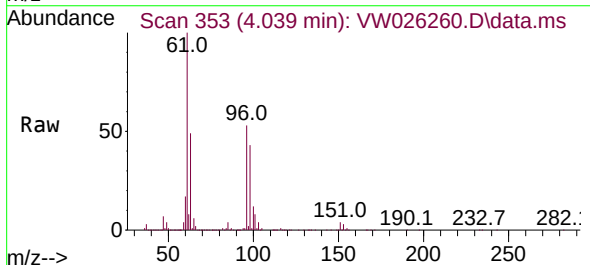
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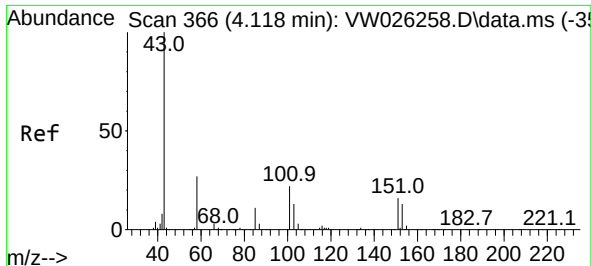
Tgt Ion:101 Resp: 261864
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.1 54.1
 151 33.3 55.1 82.7#



#12
 1,1-Dichloroethene
 Concen: 47.145 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026260.D
 Acq: 20 Jun 2023 11:20

Tgt Ion: 96 Resp: 543647
 Ion Ratio Lower Upper
 96 100
 61 189.6 140.6 261.0
 63 92.8 131.7 244.5#

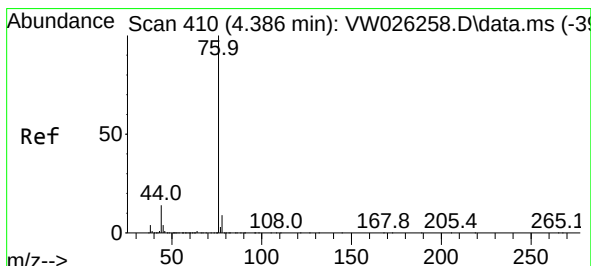
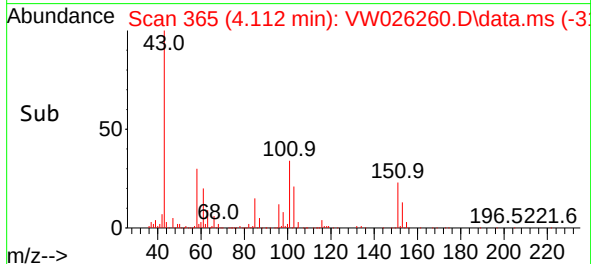
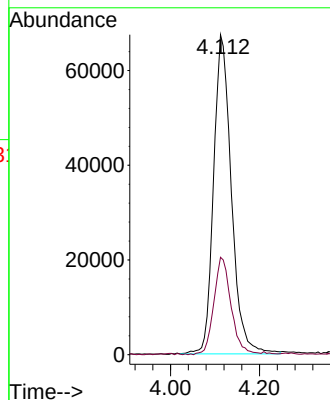
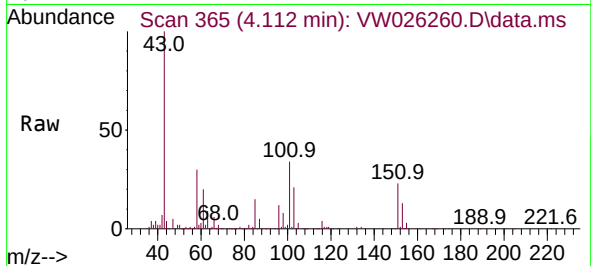




#13
Acetone
Concen: 65.215 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

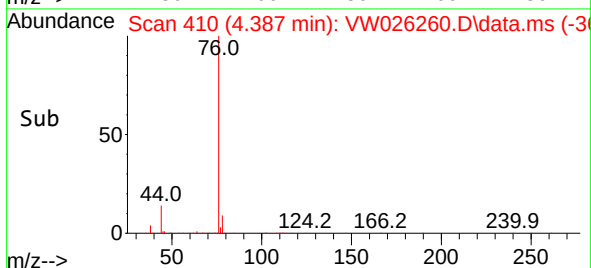
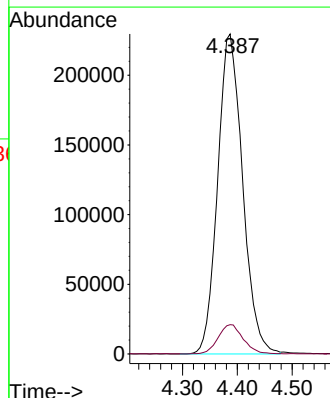
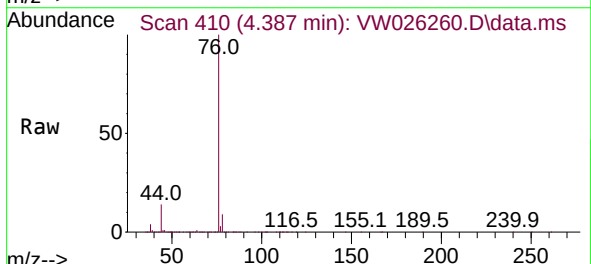
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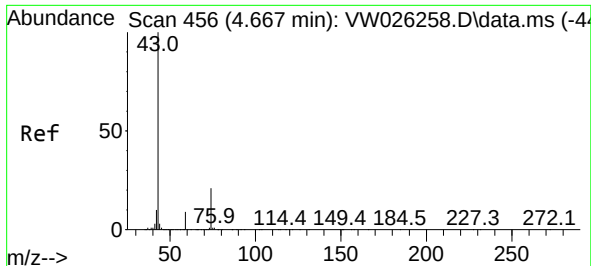
Tgt Ion: 43 Resp: 187184
Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.2



#14
Carbon disulfide
Concen: 17.828 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 725739
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

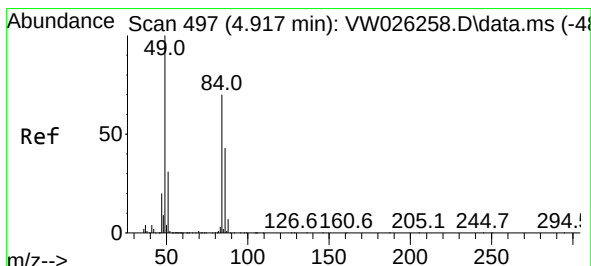
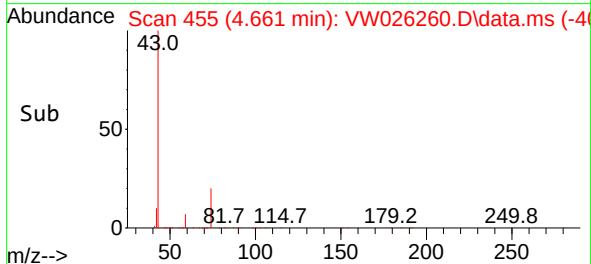
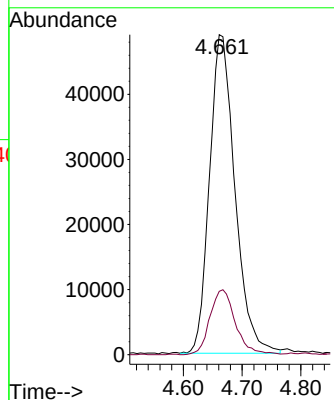
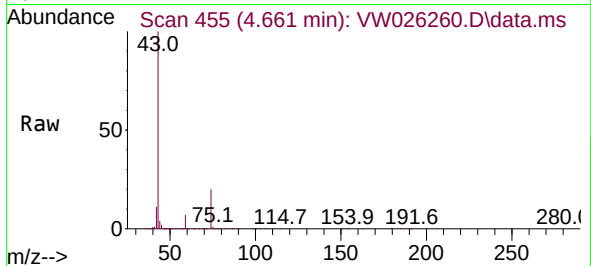




#15
Methyl Acetate
Concen: 22.880 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

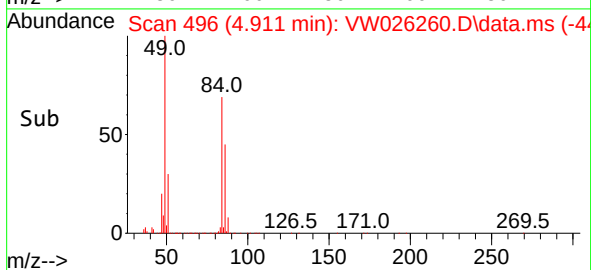
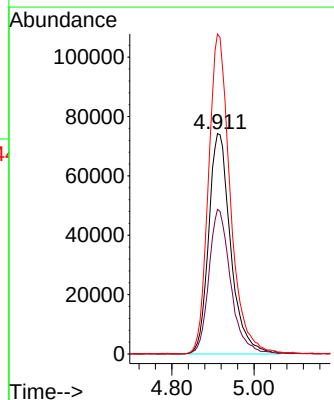
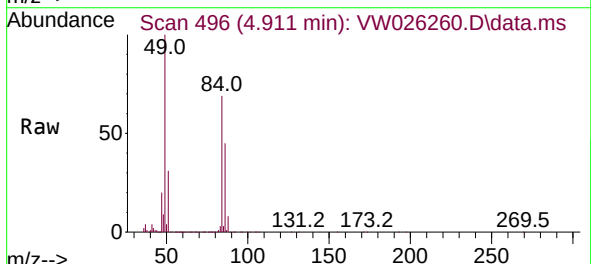
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

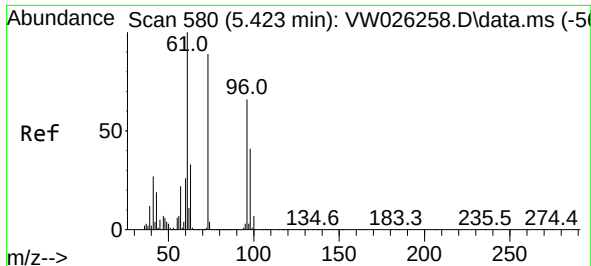
Tgt Ion: 43 Resp: 147387
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



#16
Methylene chloride
Concen: 19.041 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 84 Resp: 275244
Ion Ratio Lower Upper
84 100
86 65.7 44.2 82.0
49 145.2 98.8 183.6

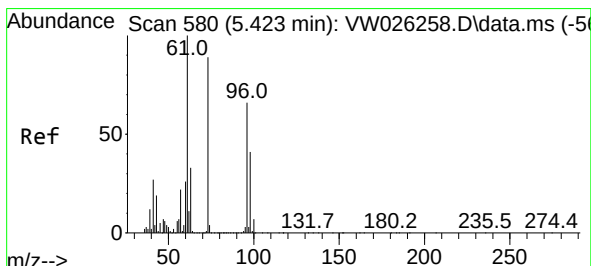
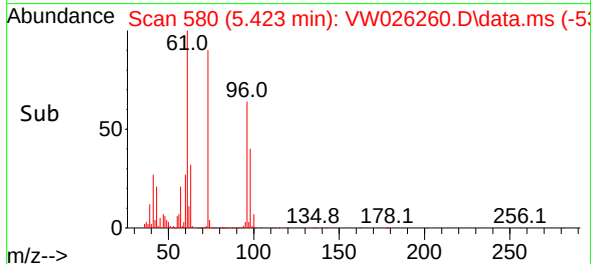
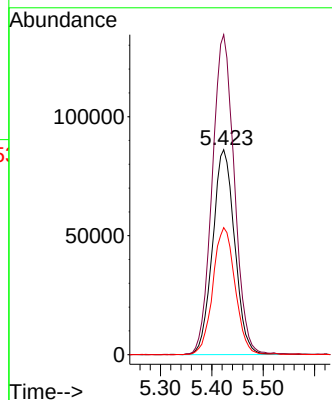
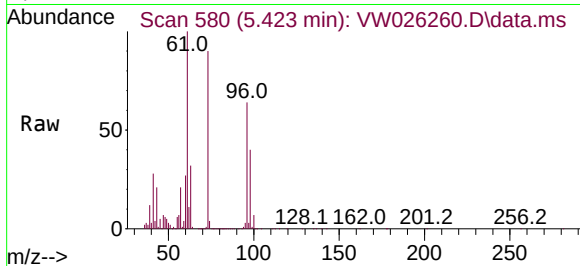




#17
trans-1,2-Dichloroethene
Concen: 19.850 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

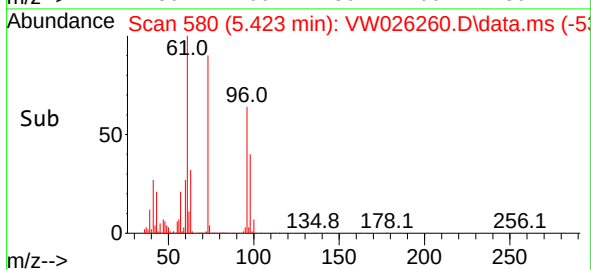
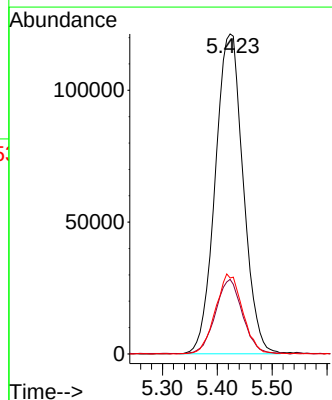
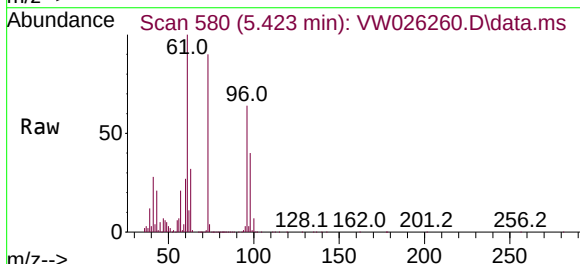
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

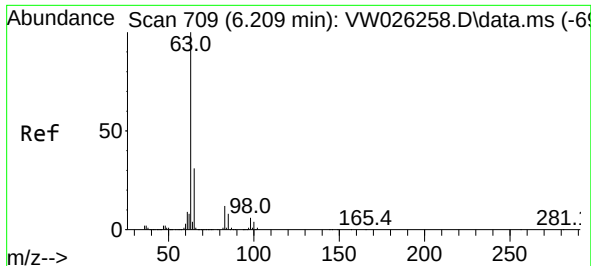
Tgt Ion: 96 Resp: 256820
Ion Ratio Lower Upper
96 100
61 156.1 113.0 209.8
98 62.0 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 21.090 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 73 Resp: 430055
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 24.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.805 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

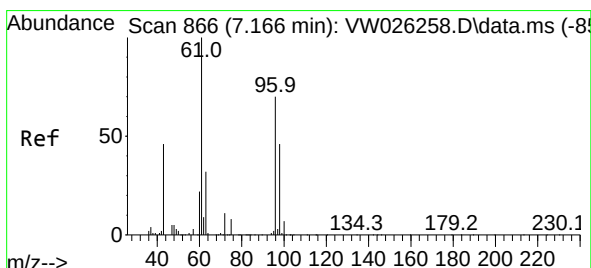
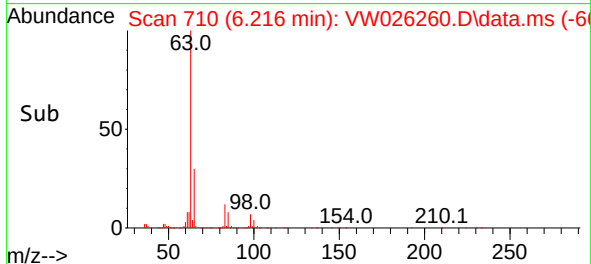
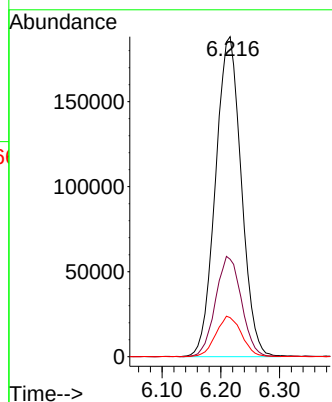
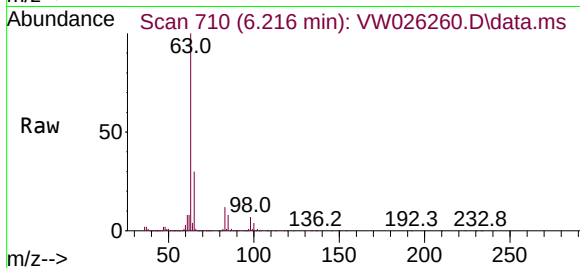
Tgt Ion: 63 Resp: 574322

Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.5

83 12.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.581 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

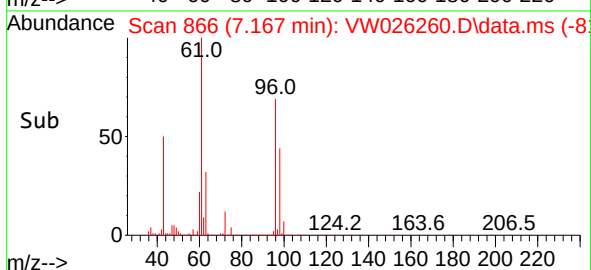
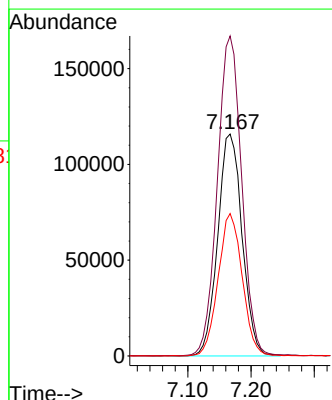
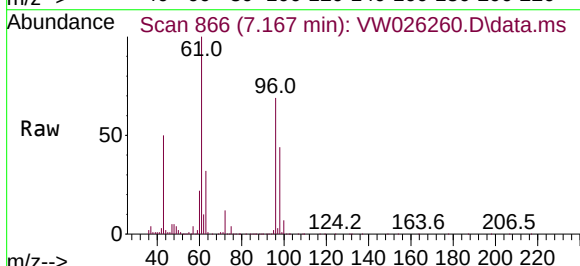
Tgt Ion: 96 Resp: 309456

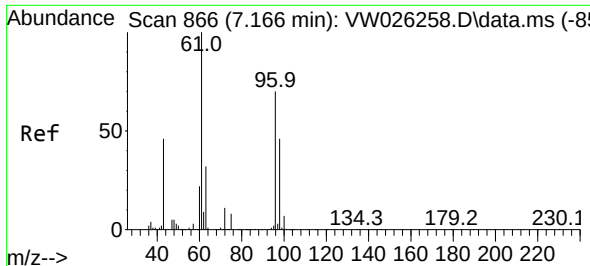
Ion Ratio Lower Upper

96 100

61 144.2 98.4 182.8

98 64.2 45.2 84.0

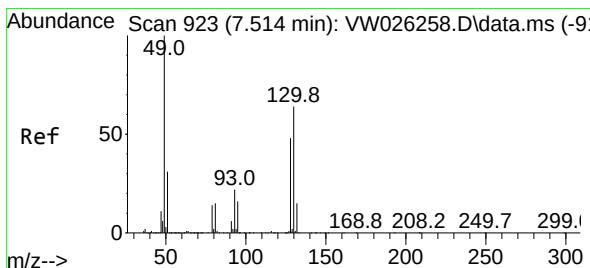
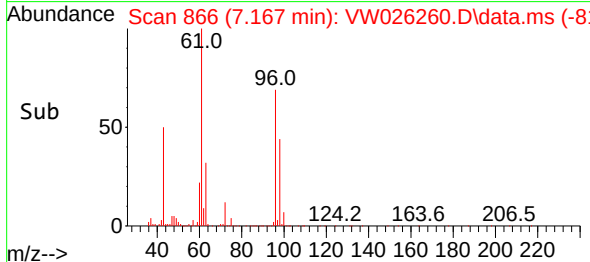
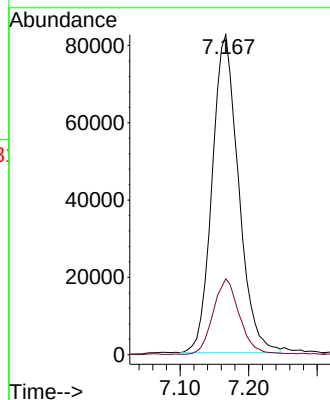
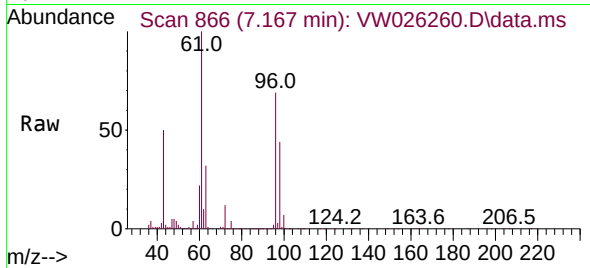




#22
2-Butanone
Concen: 53.814 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

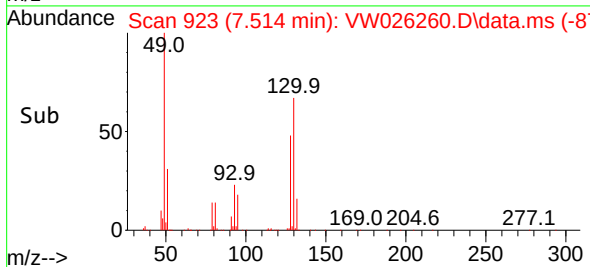
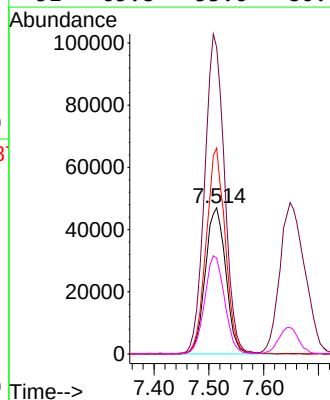
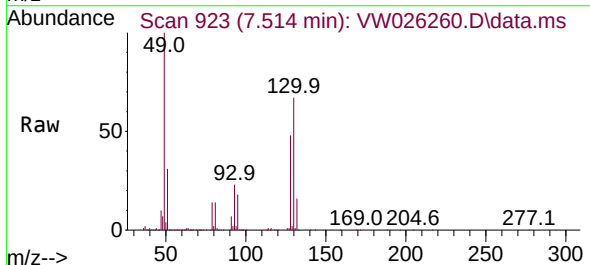
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

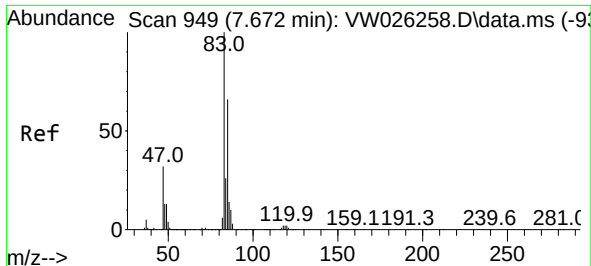
Tgt Ion: 43 Resp: 220335
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 20.797 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 128 Resp: 121548
Ion Ratio Lower Upper
128 100
49 209.9 140.6 261.0
130 141.0 86.0 159.6
51 65.8 53.6 80.4

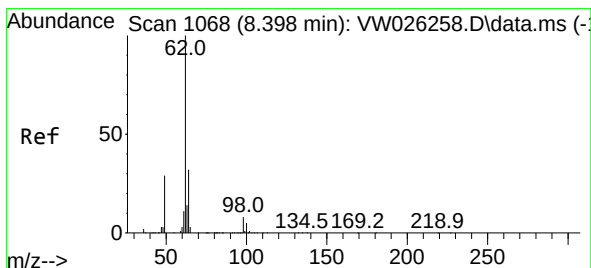
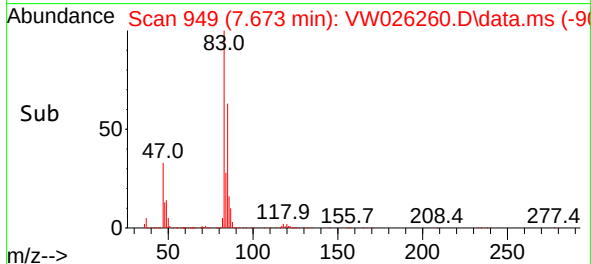
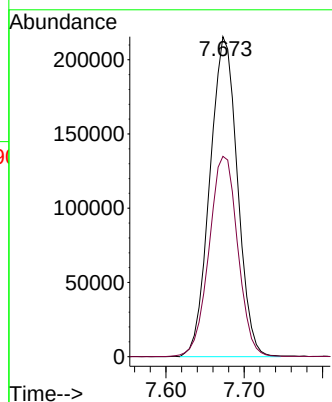
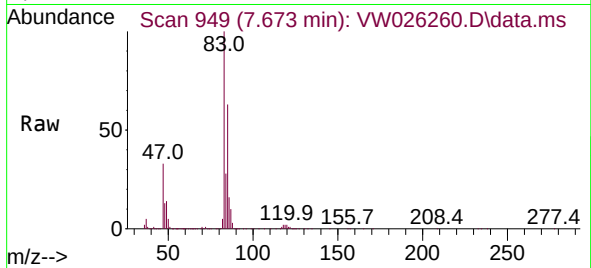




#25
Chloroform
Concen: 21.518 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

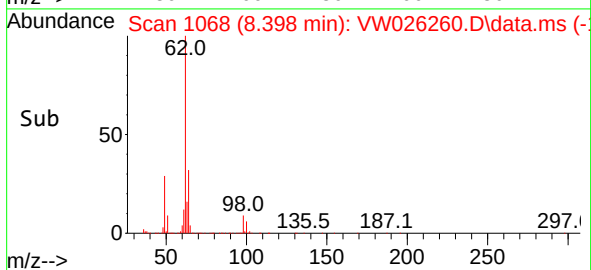
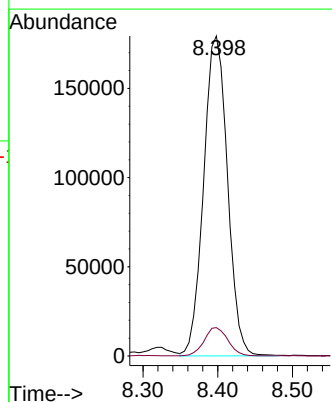
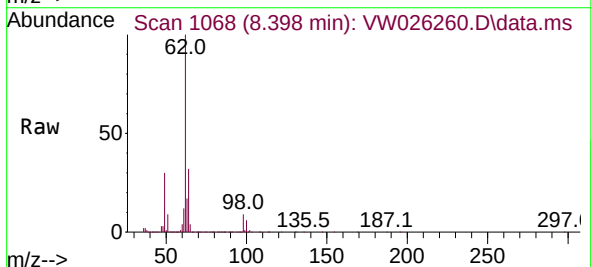
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

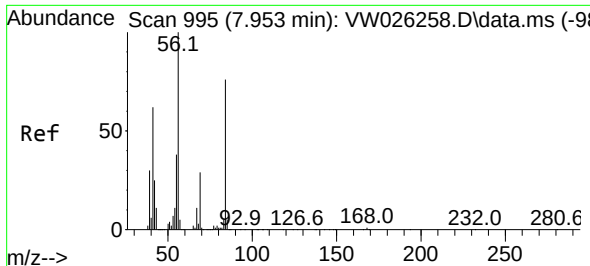
Tgt Ion: 83 Resp: 527886
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.504 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 62 Resp: 397687
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.2

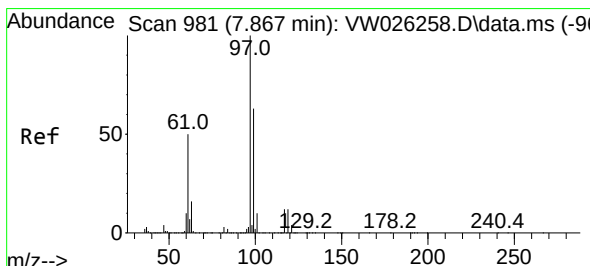
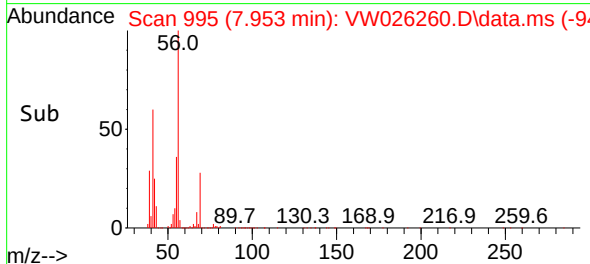
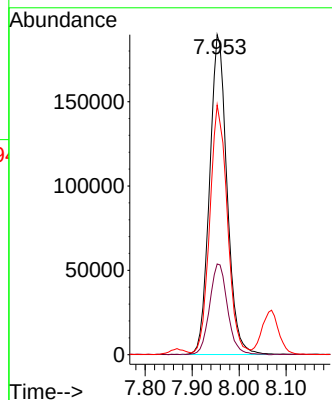
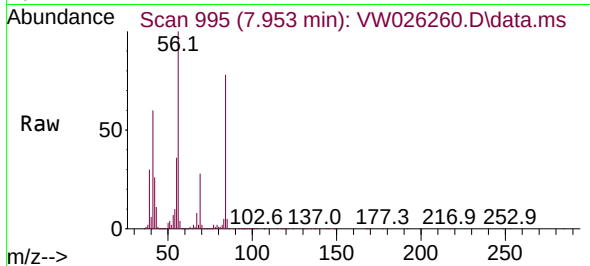




#29
Cyclohexane
Concen: 20.367 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

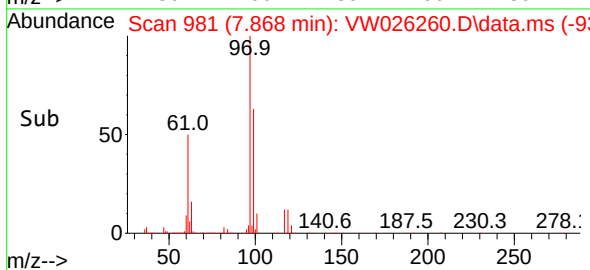
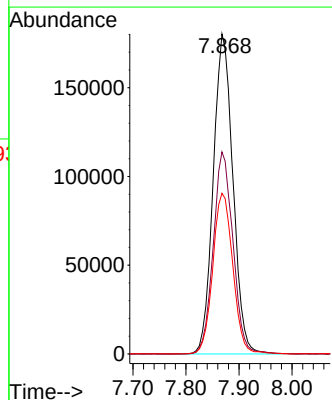
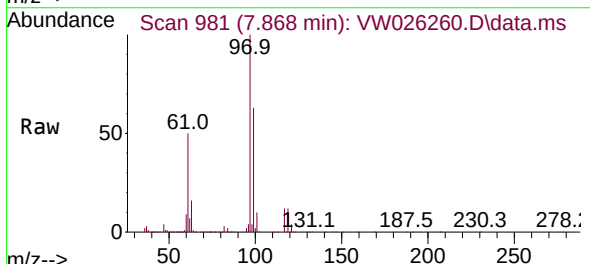
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

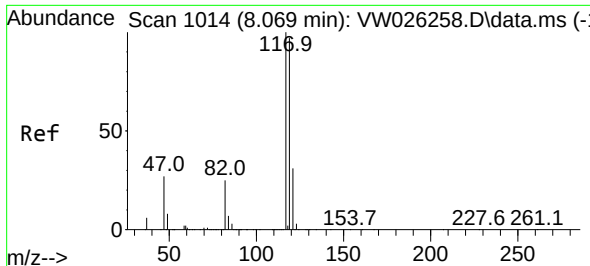
Tgt Ion: 56 Resp: 489481
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 78.6 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 24.639 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 97 Resp: 465444
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 50.7 40.5 60.7

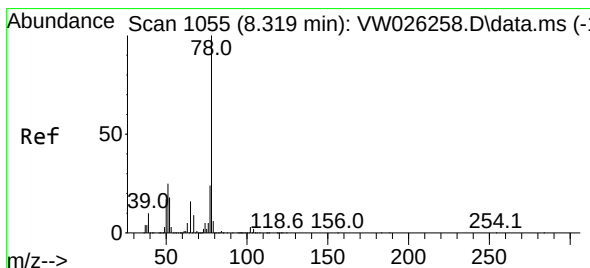
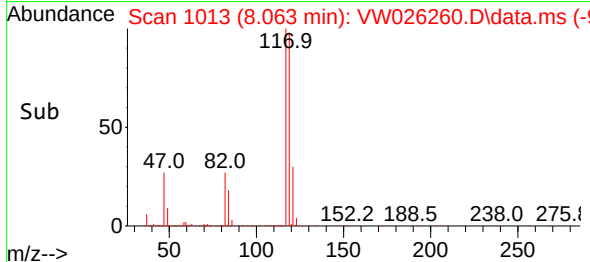
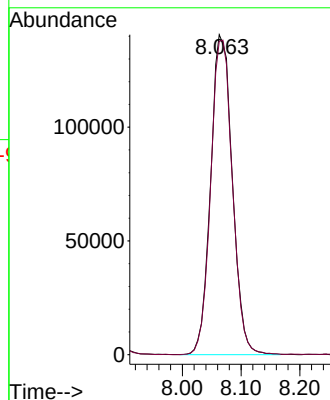
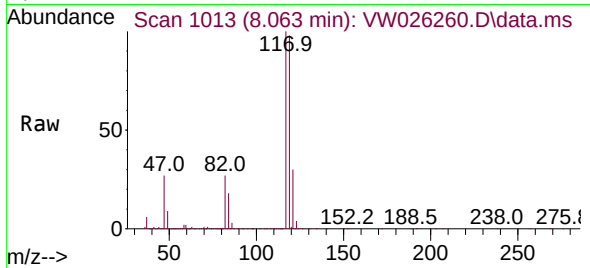




#31
Carbon tetrachloride
Concen: 20.964 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

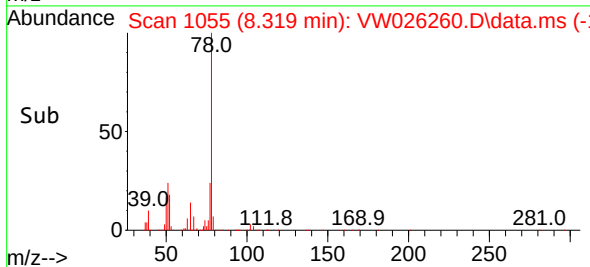
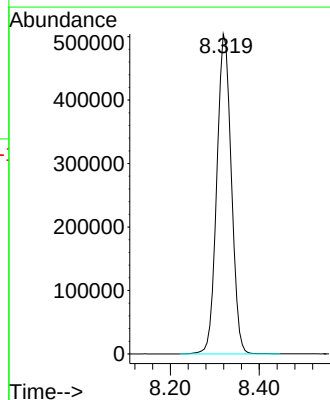
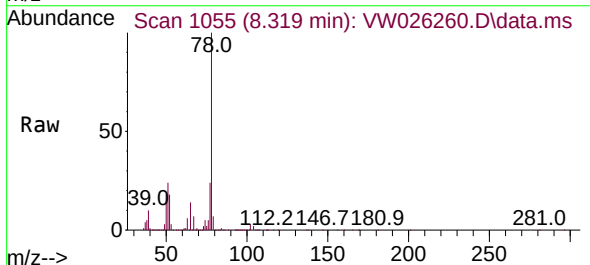
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

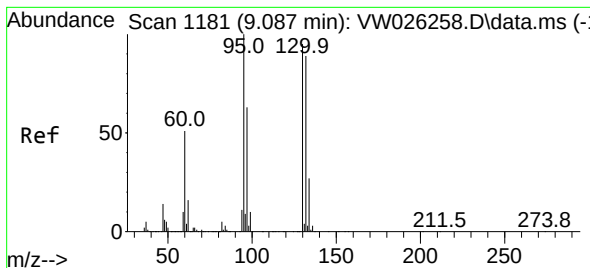
Tgt Ion:117 Resp: 361384
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.2



#33
Benzene
Concen: 21.410 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 78 Resp: 1141706





#34

Trichloroethene

Concen: 21.478 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

Tgt Ion: 95 Resp: 293269

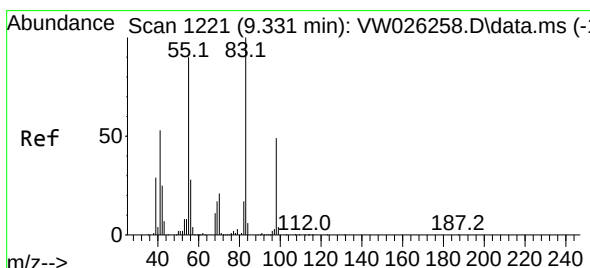
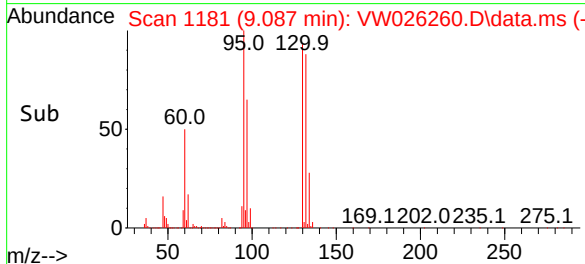
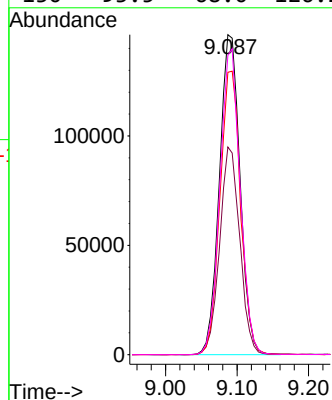
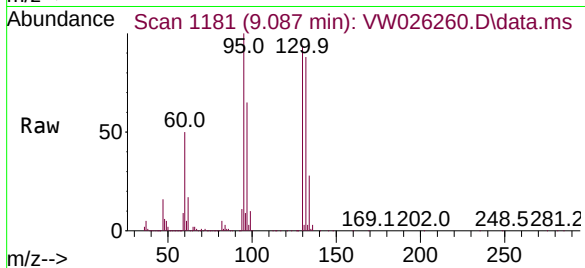
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 88.2 67.1 124.7

130 93.5 68.0 126.2



#35

Methylcyclohexane

Concen: 20.350 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

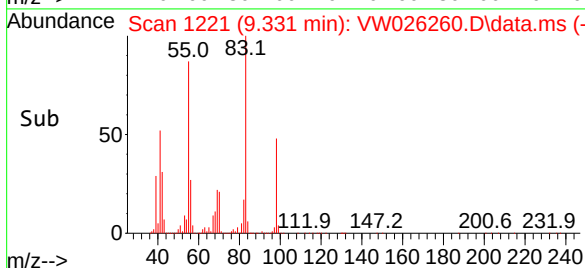
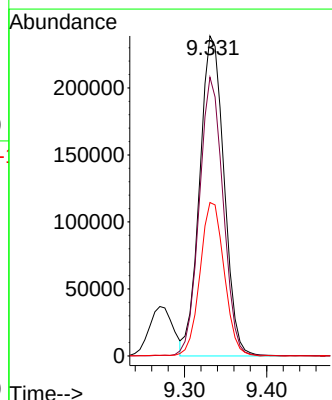
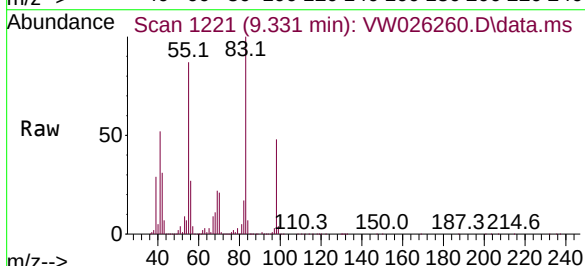
Tgt Ion: 83 Resp: 491697

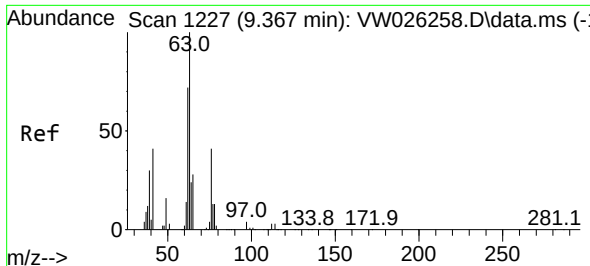
Ion Ratio Lower Upper

83 100

55 84.8 68.2 102.4

98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.475 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

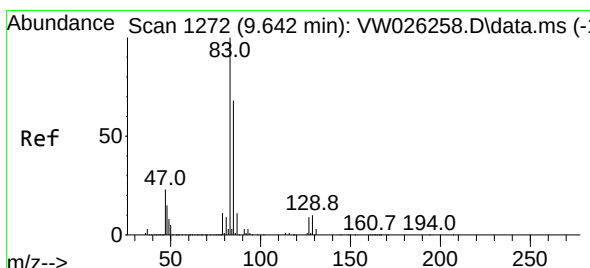
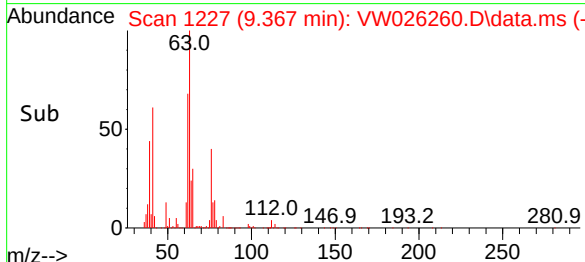
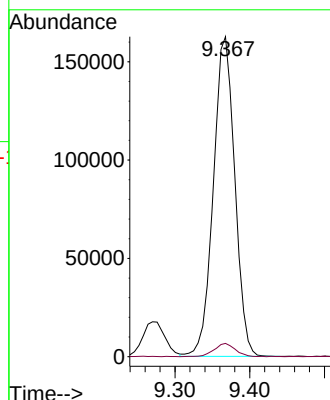
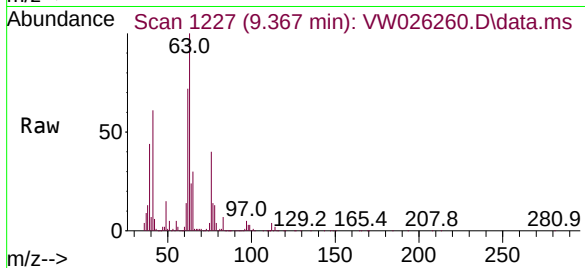
YBW10MS

Tgt Ion: 63 Resp: 324619

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 22.291 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

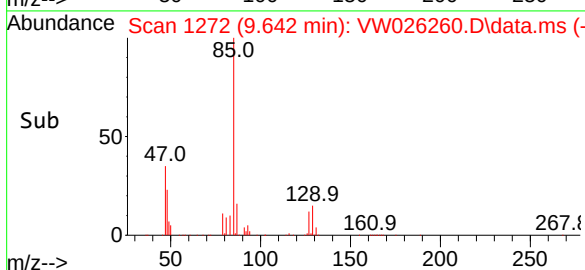
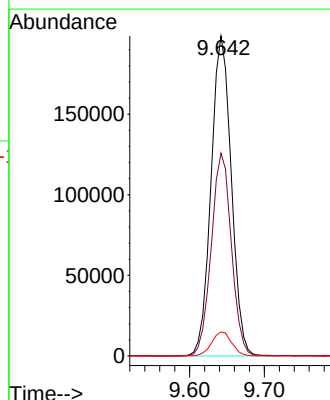
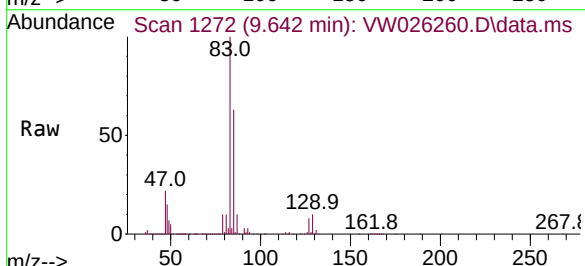
Tgt Ion: 83 Resp: 374042

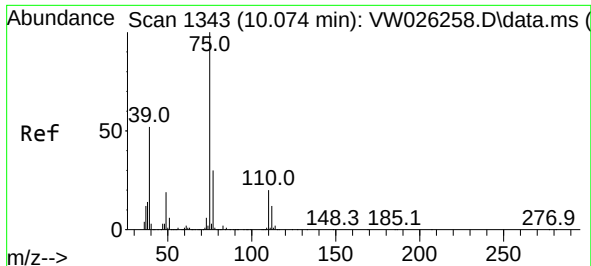
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.0

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.889 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

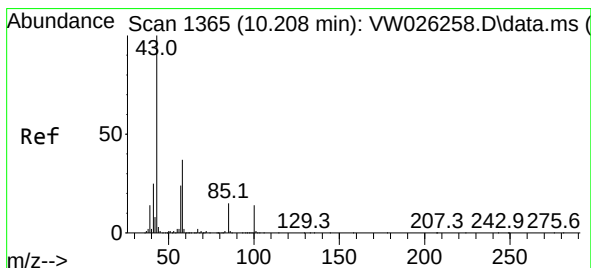
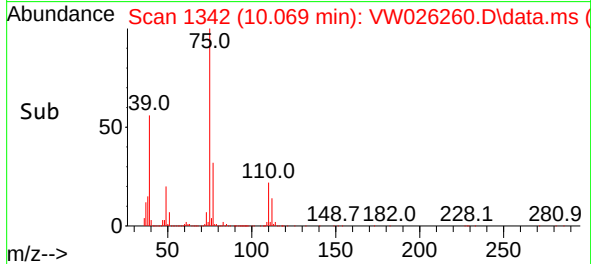
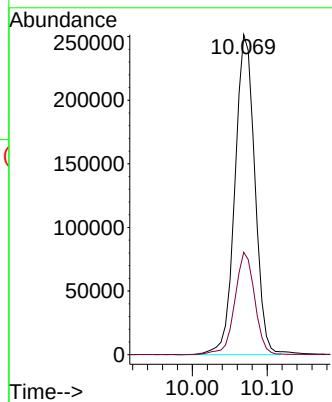
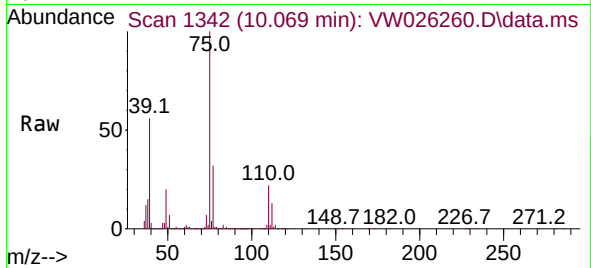
YBW10MS

Tgt Ion: 75 Resp: 464609

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 48.847 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

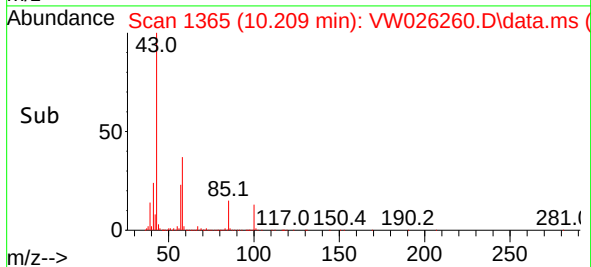
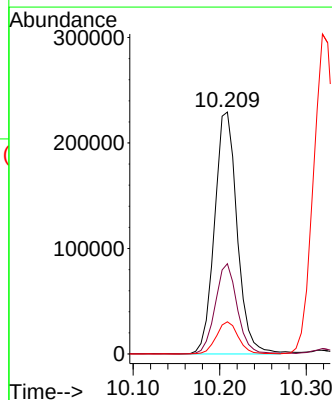
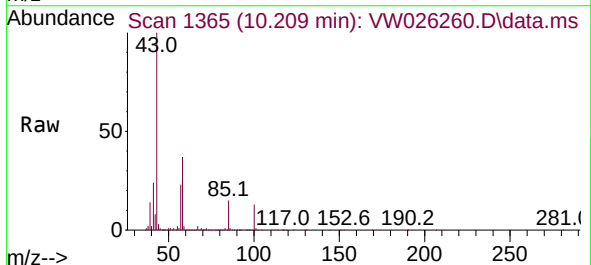
Tgt Ion: 43 Resp: 415950

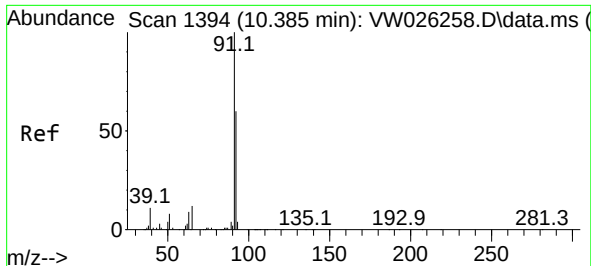
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4

100 13.0 10.5 15.7





#42

Toluene

Concen: 21.692 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

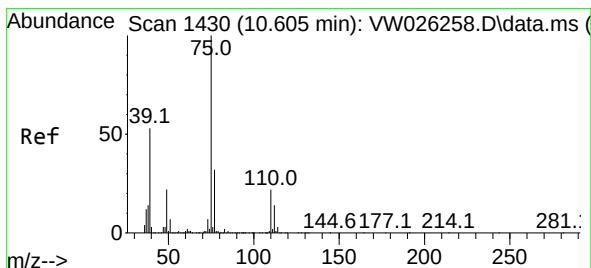
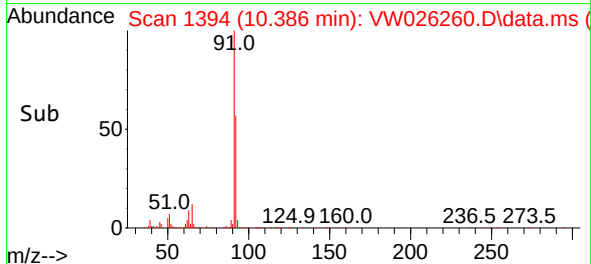
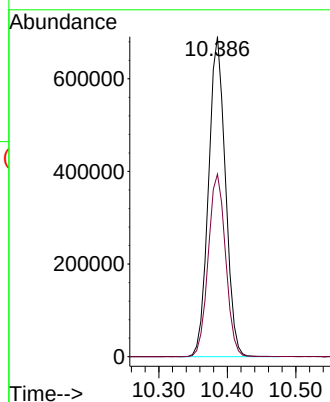
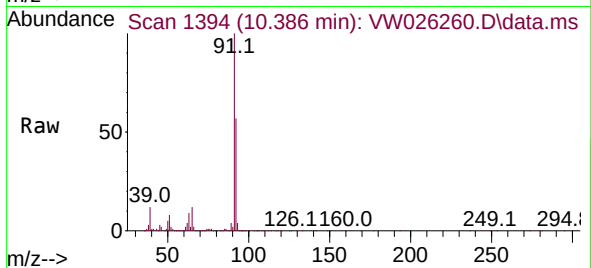
YBW10MS

Tgt Ion: 91 Resp: 1183140

Ion Ratio Lower Upper

91 100

92 57.1 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 22.199 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026260.D

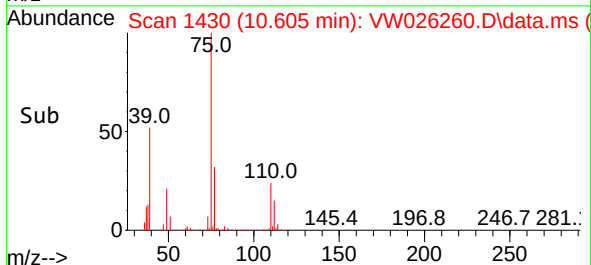
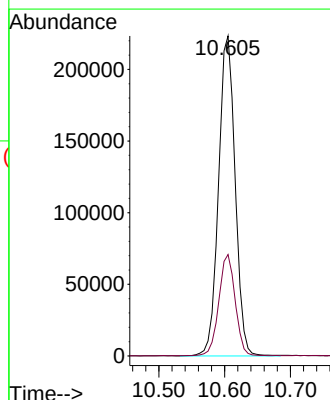
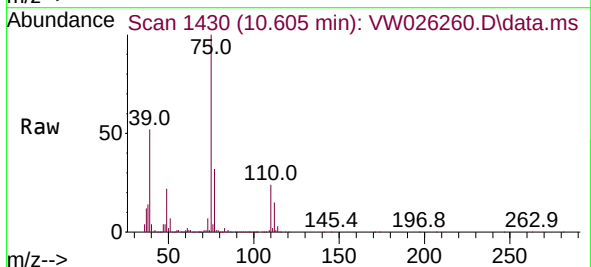
Acq: 20 Jun 2023 11:20

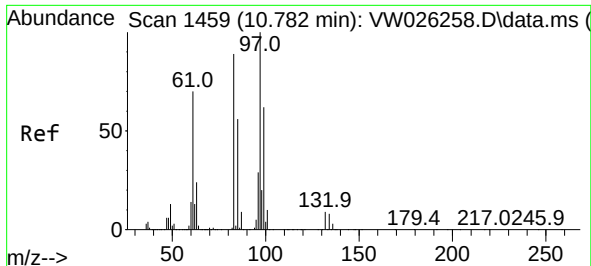
Tgt Ion: 75 Resp: 392543

Ion Ratio Lower Upper

75 100

77 31.7 21.1 39.3



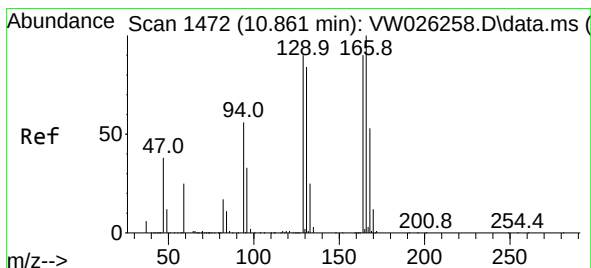
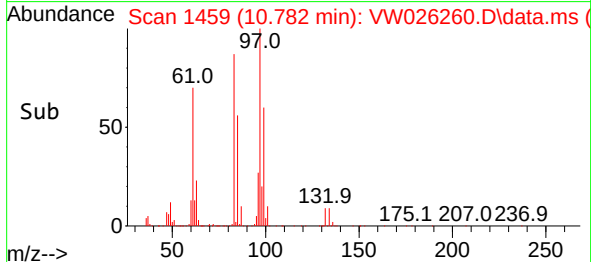
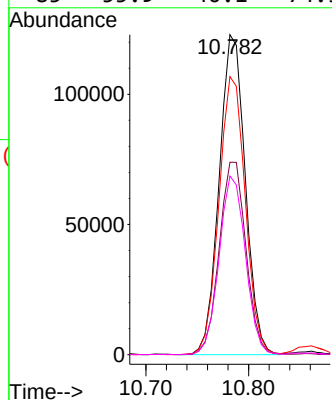
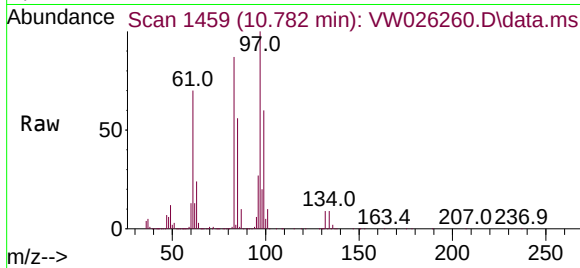


#45
1,1,2-Trichloroethane
Concen: 22.758 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

Tgt Ion: 97 Resp: 216635

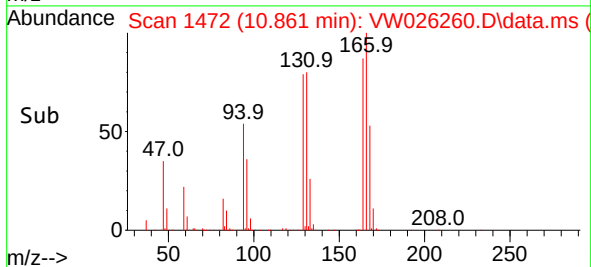
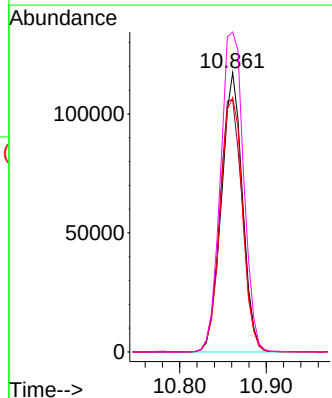
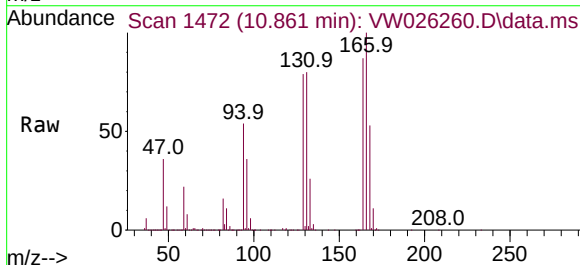
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.3	80.5
83	86.9	62.9	116.9
85	55.9	40.1	74.5

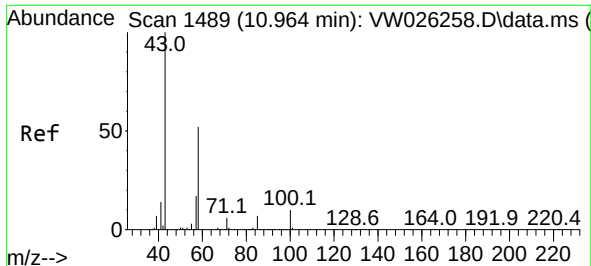


#46
Tetrachloroethene
Concen: 20.521 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 164 Resp: 198196

Ion	Ratio	Lower	Upper
164	100		
129	90.3	68.5	127.1
131	91.1	67.1	124.7
166	114.5	94.1	174.8

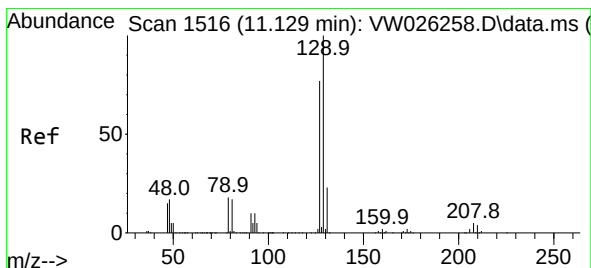
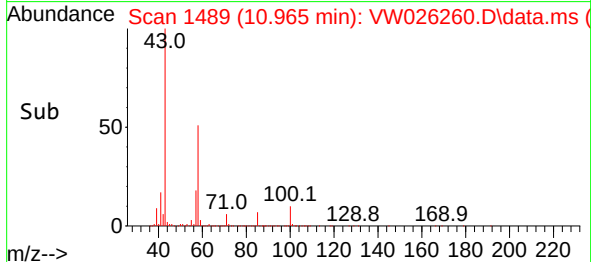
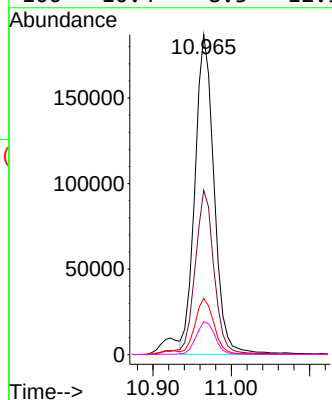
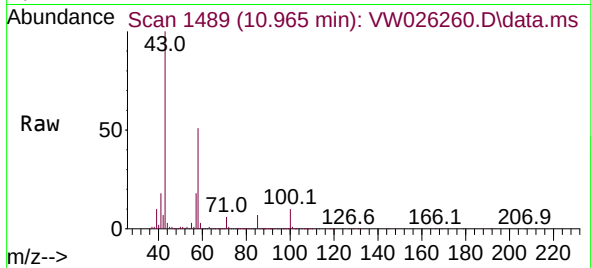




#48
2-Hexanone
Concen: 52.930 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

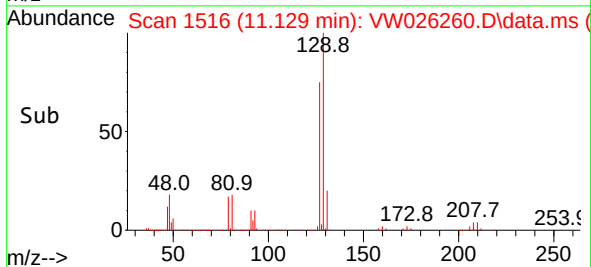
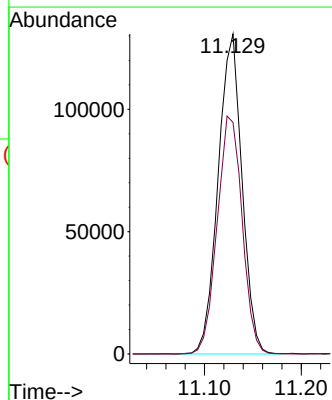
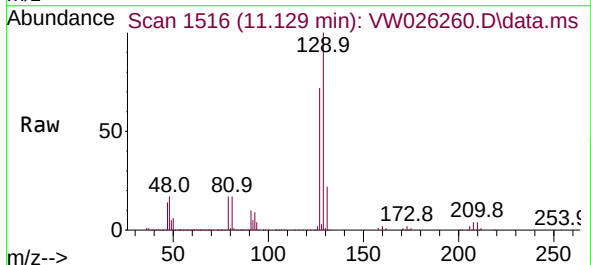
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

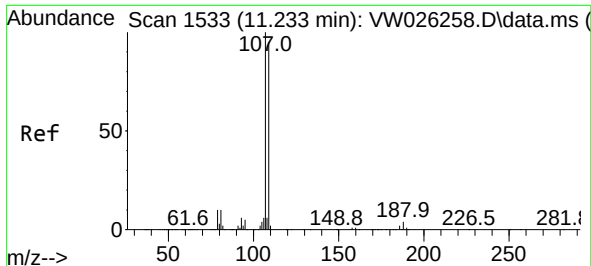
Tgt Ion: 43 Resp: 317801
Ion Ratio Lower Upper
43 100
58 52.0 42.2 63.2
57 17.6 14.2 21.2
100 10.4 8.3 12.5



#49
Dibromochloromethane
Concen: 22.463 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion:129 Resp: 224189
Ion Ratio Lower Upper
129 100
127 72.3 56.9 105.7





#50

1,2-Dibromoethane

Concen: 21.527 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

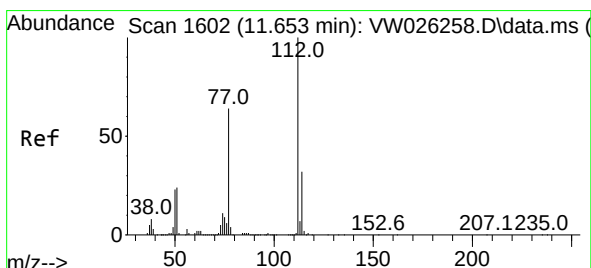
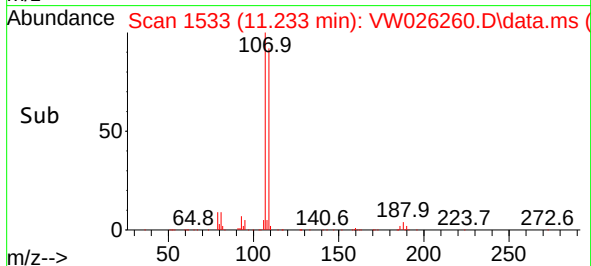
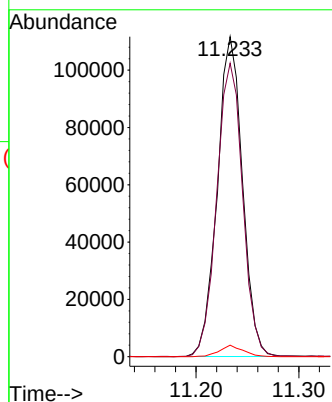
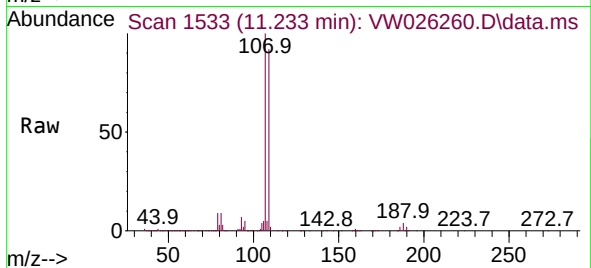
Tgt Ion:107 Resp: 189738

Ion Ratio Lower Upper

107 100

109 91.7 64.0 119.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 21.024 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

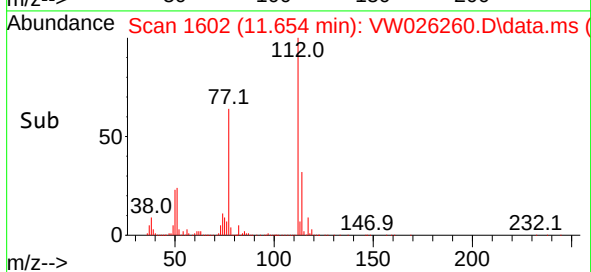
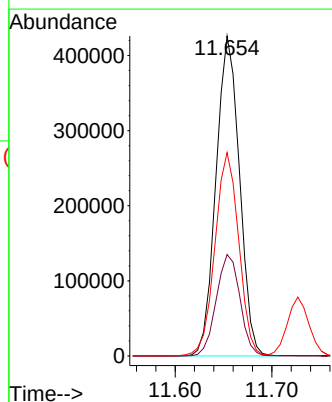
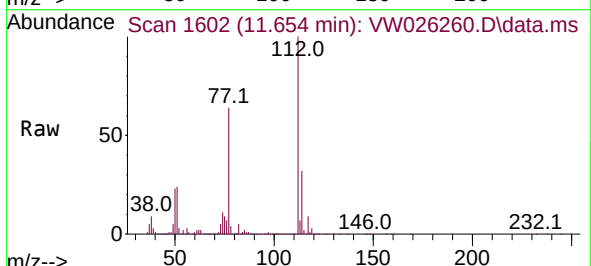
Tgt Ion:112 Resp: 718544

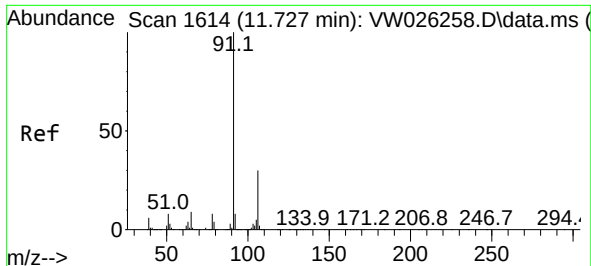
Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.6

77 63.6 50.9 76.3

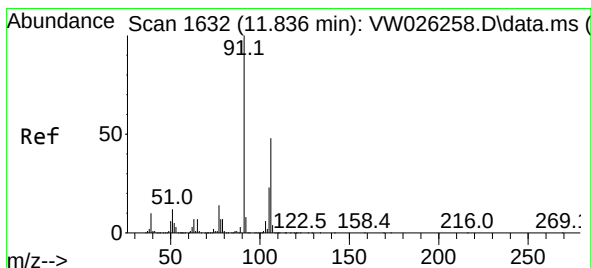
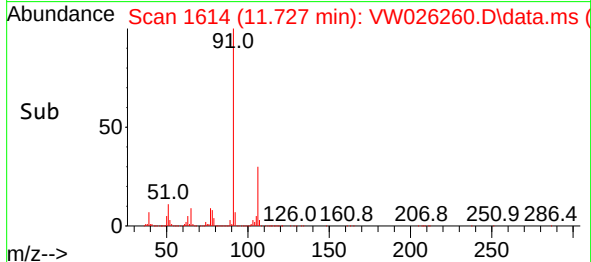
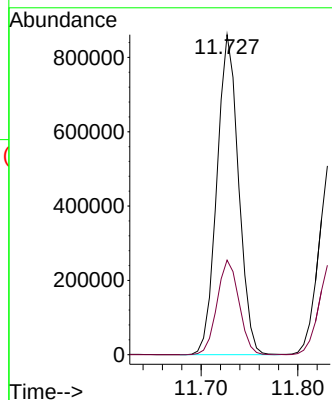
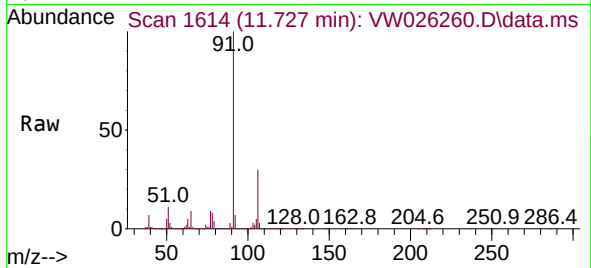




#52
Ethylbenzene
Concen: 21.741 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

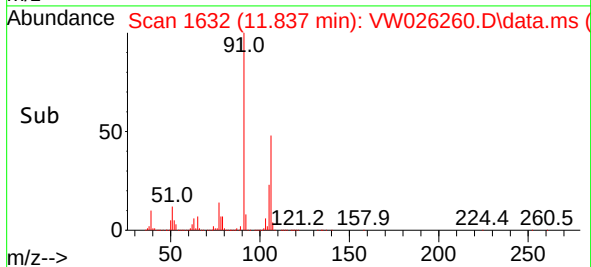
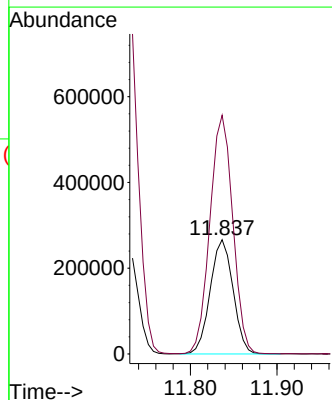
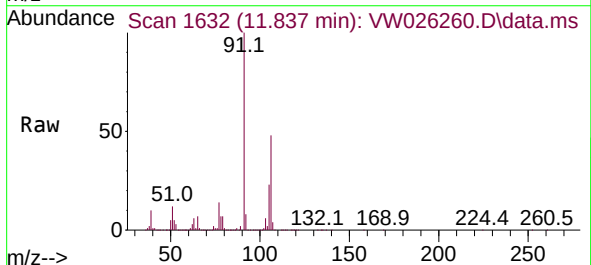
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

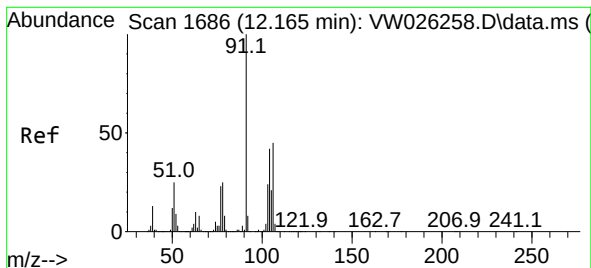
Tgt Ion: 91 Resp: 1337648
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 21.353 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 106 Resp: 488750
Ion Ratio Lower Upper
106 100
91 209.0 149.5 277.7





#54

o-Xylene

Concen: 21.715 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

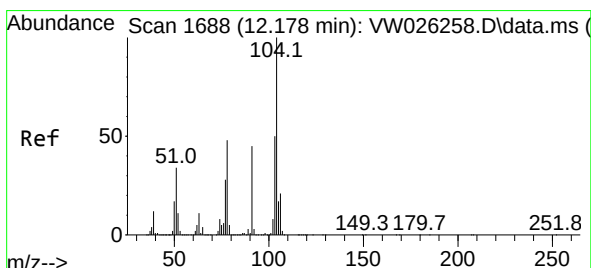
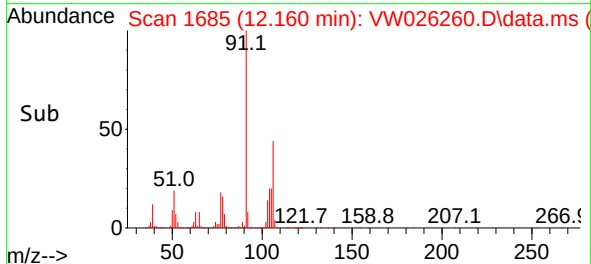
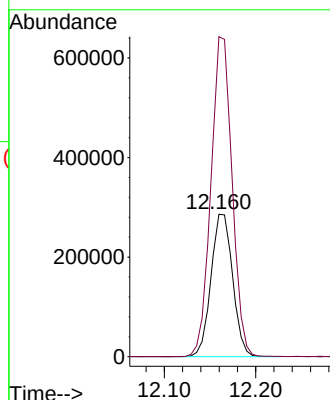
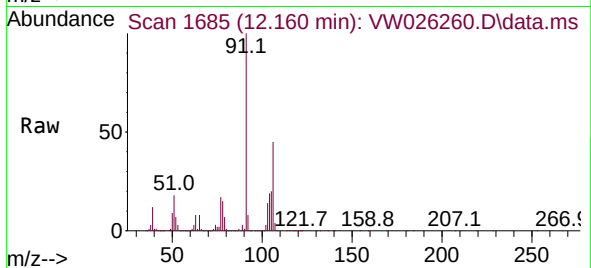
YBW10MS

Tgt Ion:106 Resp: 469124

Ion Ratio Lower Upper

106 100

91 224.6 150.9 280.3



#55

Styrene

Concen: 21.910 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026260.D

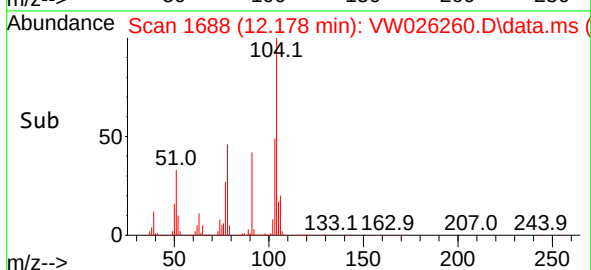
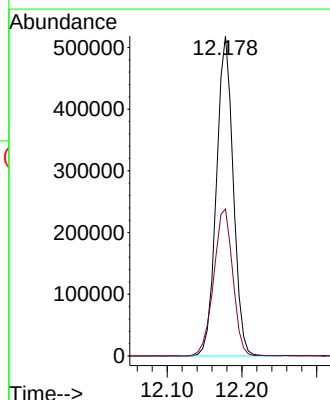
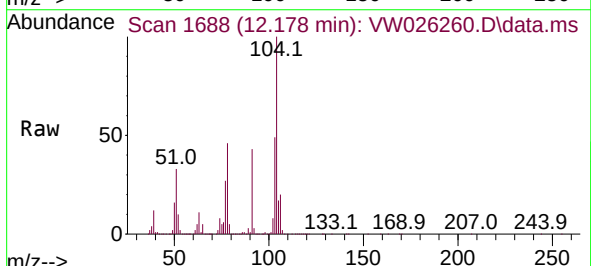
Acq: 20 Jun 2023 11:20

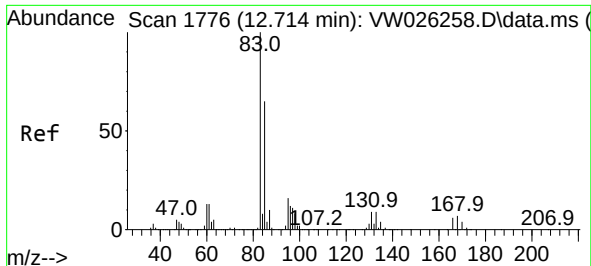
Tgt Ion:104 Resp: 812034

Ion Ratio Lower Upper

104 100

78 46.0 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.440 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

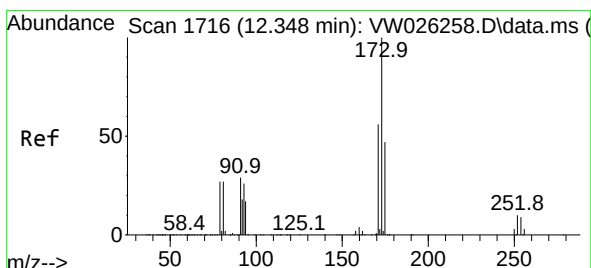
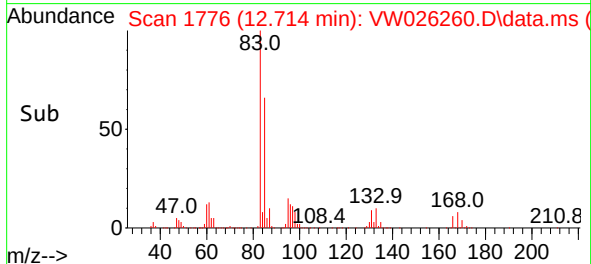
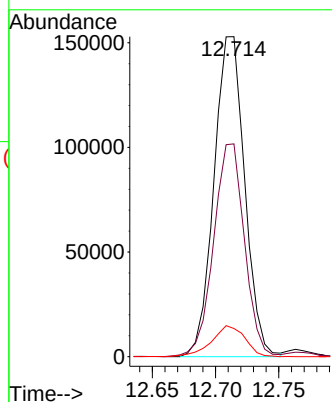
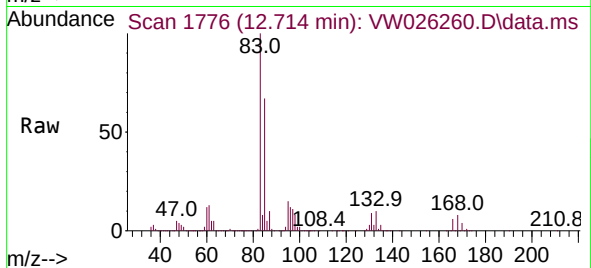
Tgt Ion: 83 Resp: 258512

Ion Ratio Lower Upper

83 100

85 66.5 42.6 79.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 21.024 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

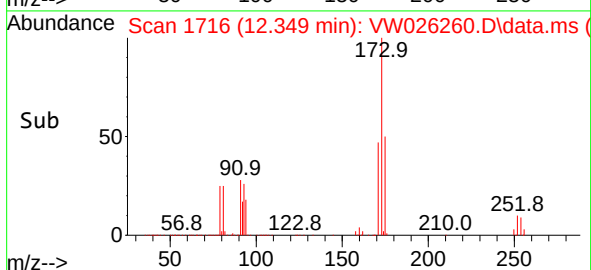
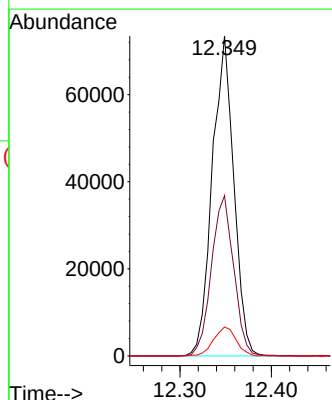
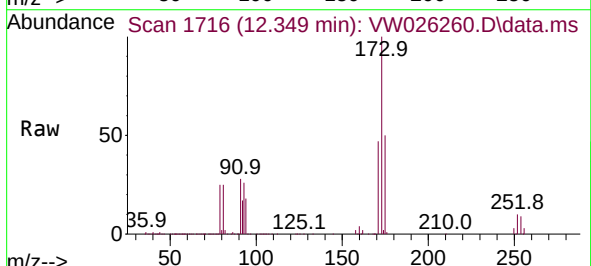
Tgt Ion:173 Resp: 120304

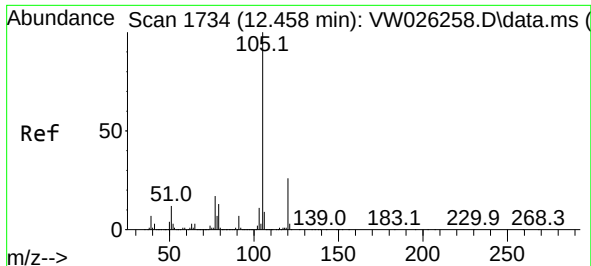
Ion Ratio Lower Upper

173 100

175 51.7 38.6 57.8

254 9.5 7.4 11.0

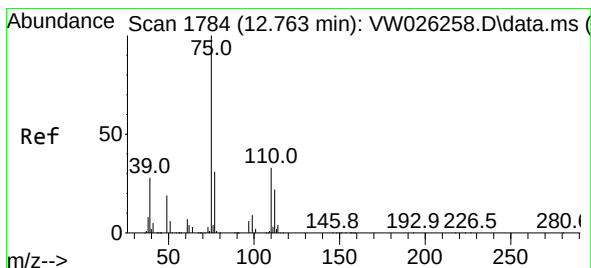
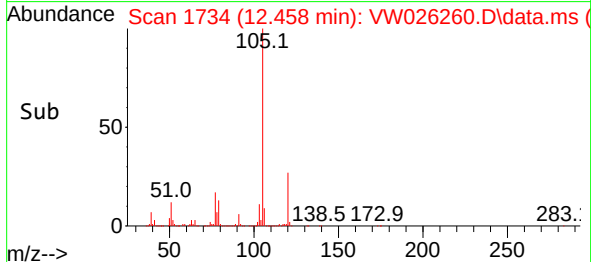
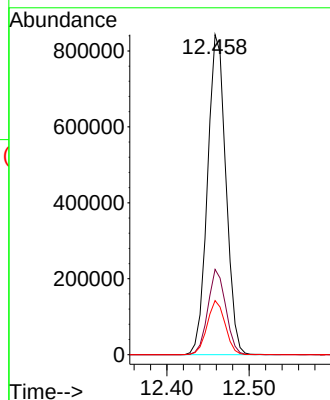
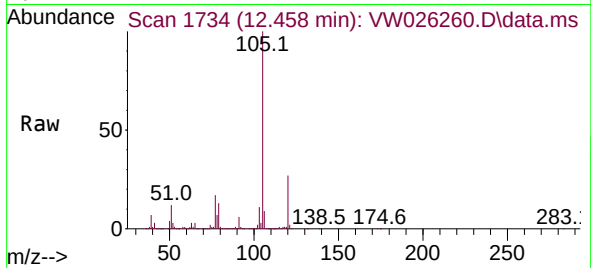




#60
Isopropylbenzene
Concen: 21.807 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

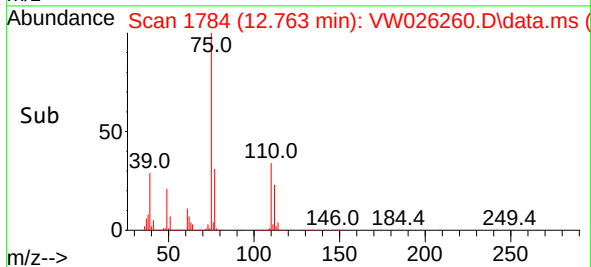
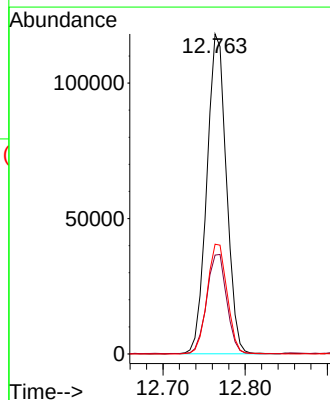
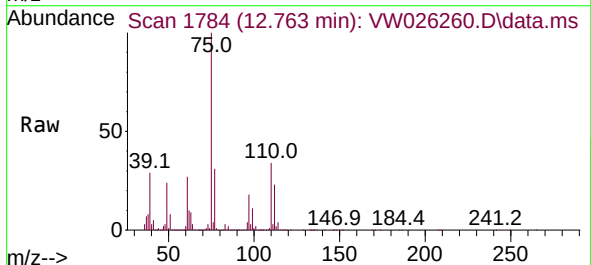
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

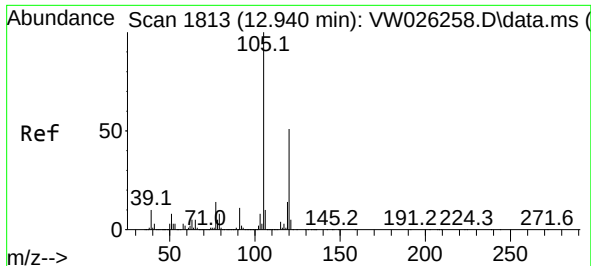
Tgt Ion:105 Resp: 1305154
Ion Ratio Lower Upper
105 100
120 25.9 19.8 29.8
77 16.5 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.861 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion: 75 Resp: 195096
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
110 35.1 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 21.946 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

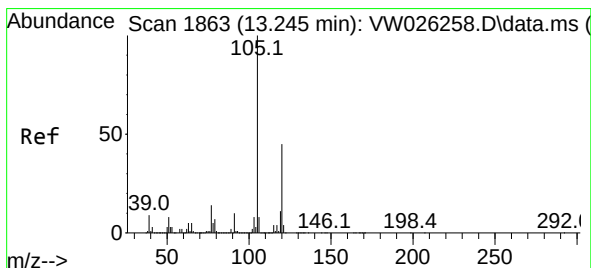
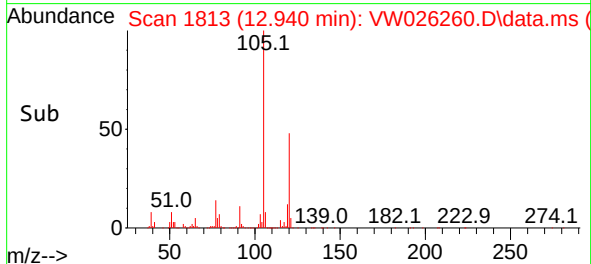
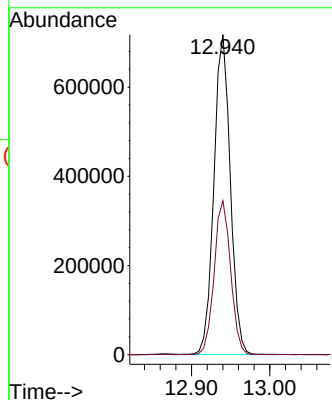
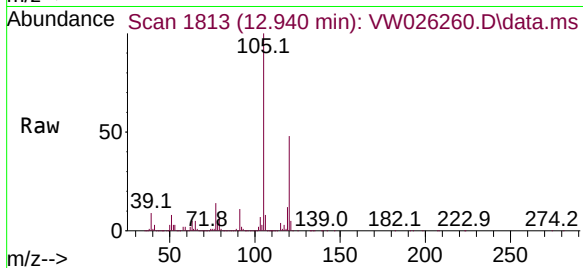
YBW10MS

Tgt Ion:105 Resp: 1044157

Ion Ratio Lower Upper

105 100

120 48.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 21.628 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026260.D

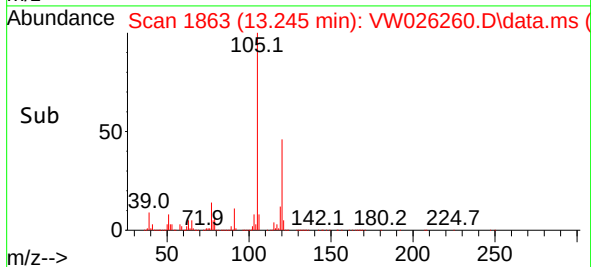
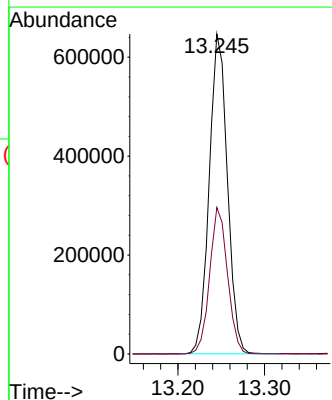
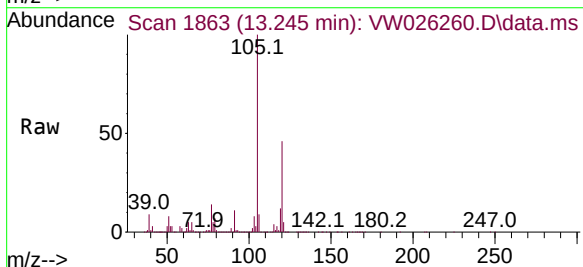
Acq: 20 Jun 2023 11:20

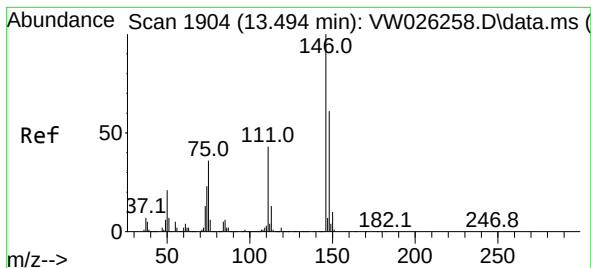
Tgt Ion:105 Resp: 942492

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 20.384 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

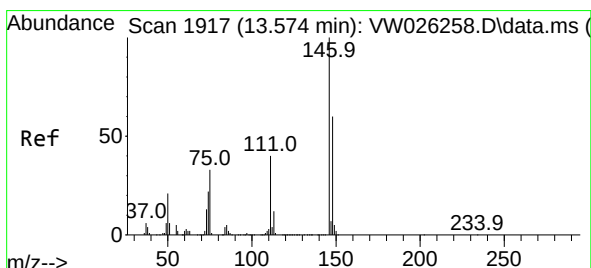
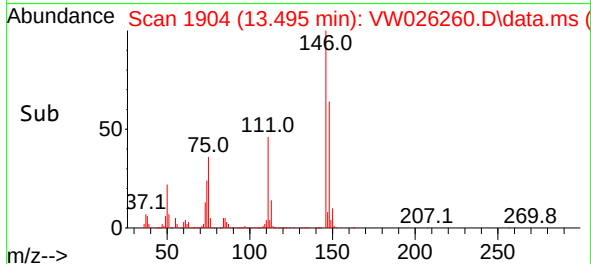
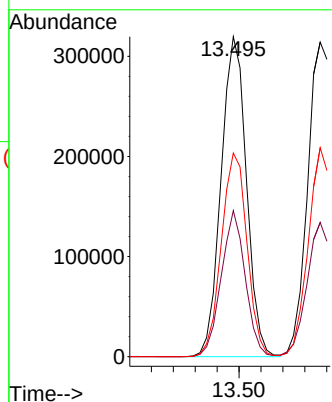
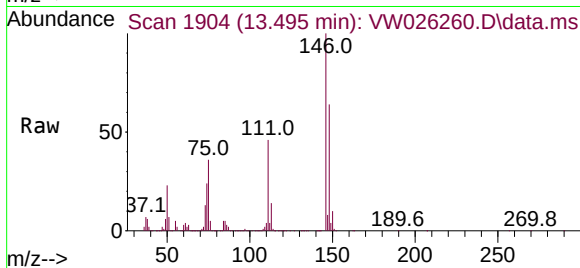
Tgt Ion:146 Resp: 512971

Ion Ratio Lower Upper

146 100

111 45.6 29.7 55.1

148 63.6 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 20.641 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

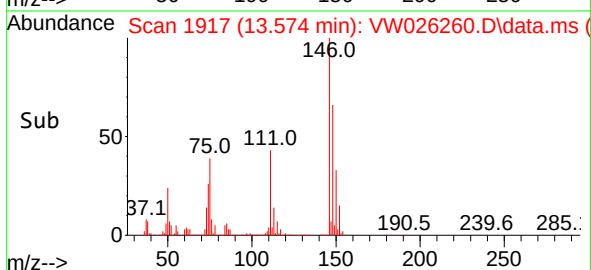
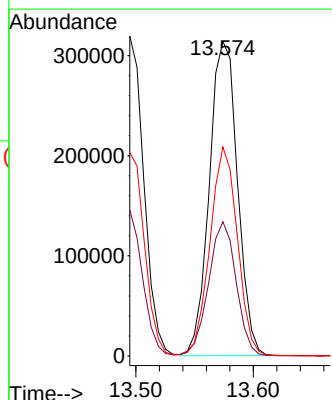
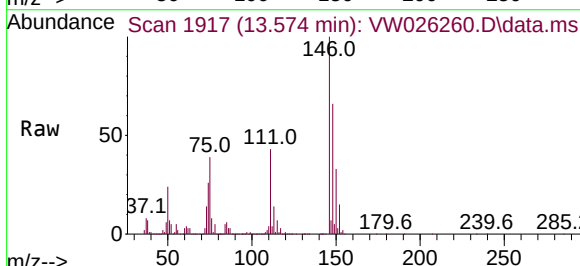
Tgt Ion:146 Resp: 522950

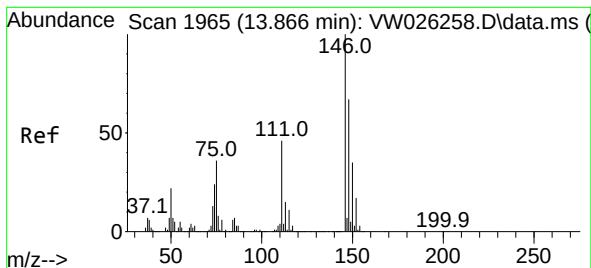
Ion Ratio Lower Upper

146 100

111 42.7 29.2 54.2

148 66.4 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.006 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

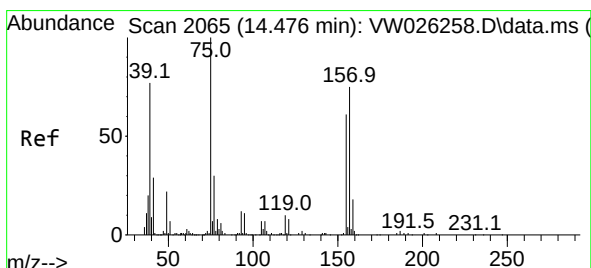
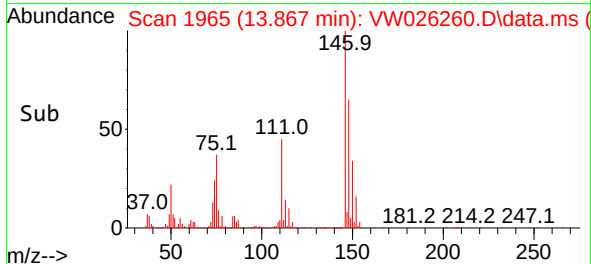
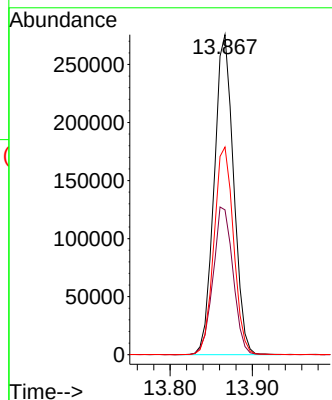
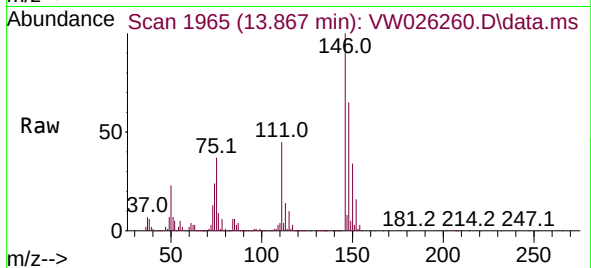
Tgt Ion:146 Resp: 452090

Ion Ratio Lower Upper

146 100

111 45.2 35.4 53.0

148 64.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.983 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

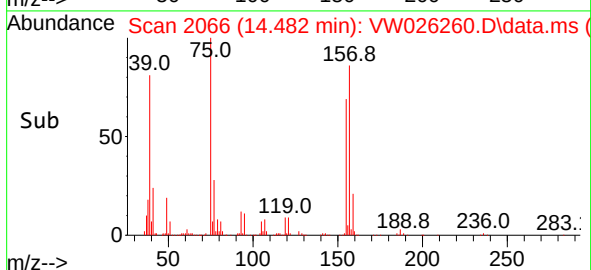
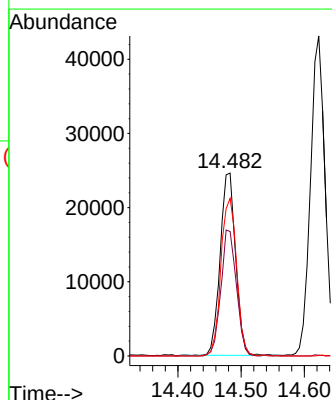
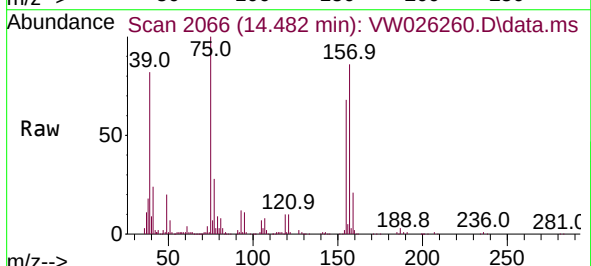
Tgt Ion: 75 Resp: 41487

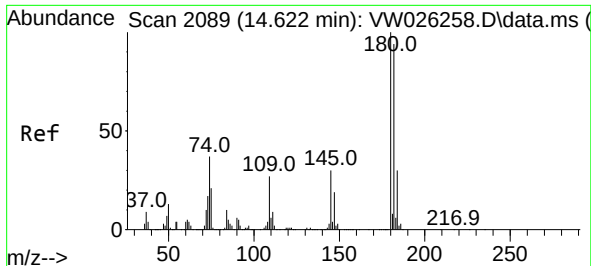
Ion Ratio Lower Upper

75 100

155 68.1 59.0 88.6

157 86.2 71.7 107.5

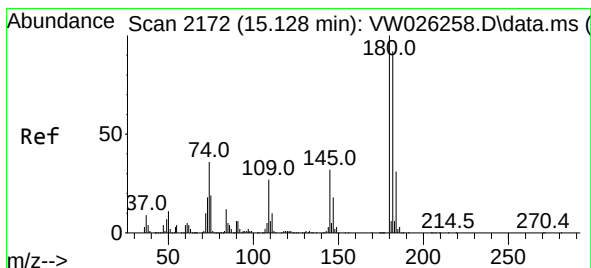
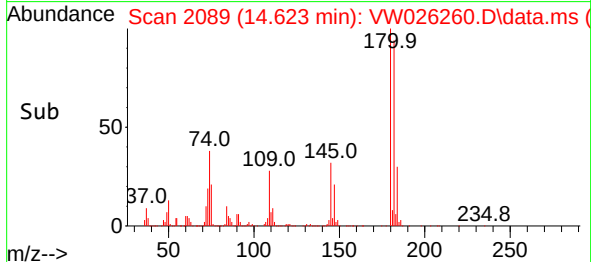
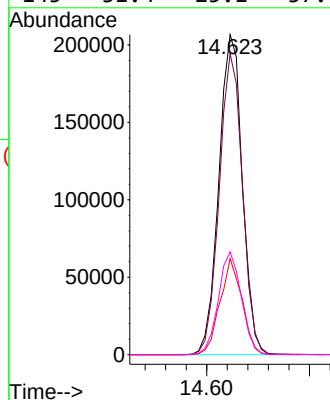
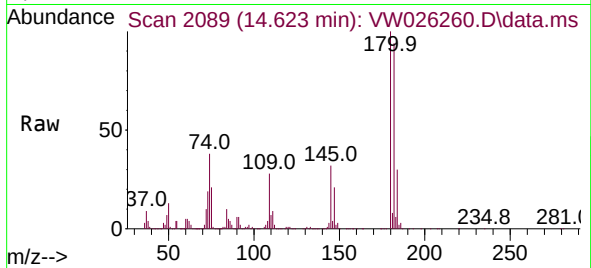




#69
1,3,5-Trichlorobenzene
Concen: 18.912 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

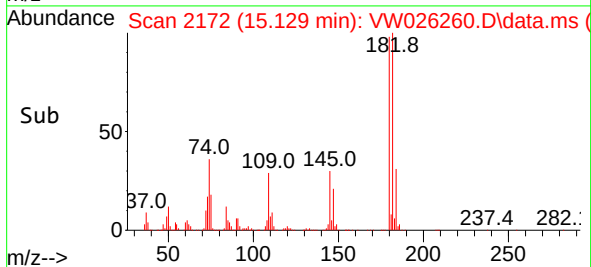
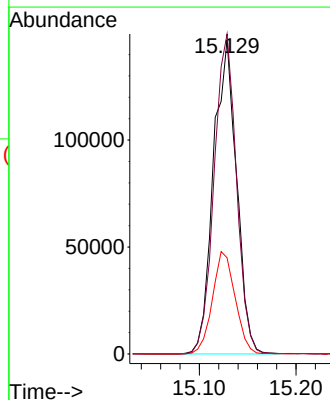
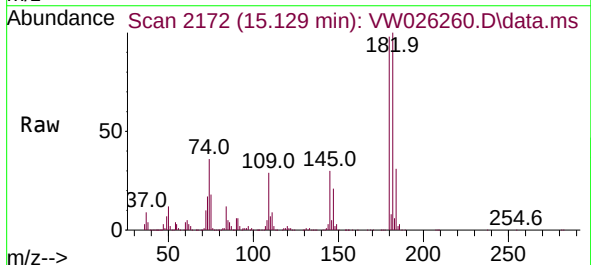
Instrument :
MSVOA_W
ClientSampleId :
YBW10MS

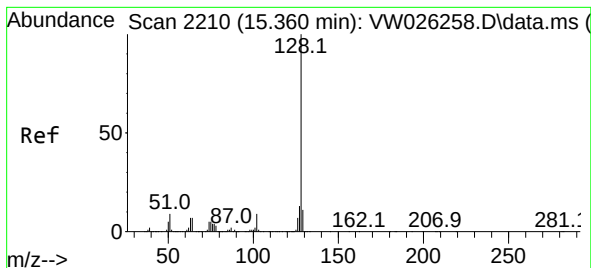
Tgt Ion:180 Resp: 326922
Ion Ratio Lower Upper
180 100
182 93.0 77.0 115.4
184 28.3 23.7 35.5
145 31.4 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 17.129 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026260.D
Acq: 20 Jun 2023 11:20

Tgt Ion:180 Resp: 244333
Ion Ratio Lower Upper
180 100
182 98.3 78.9 118.3
145 32.0 27.2 40.8





#71

Naphthalene

Concen: 20.357 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Instrument :

MSVOA_W

ClientSampleId :

YBW10MS

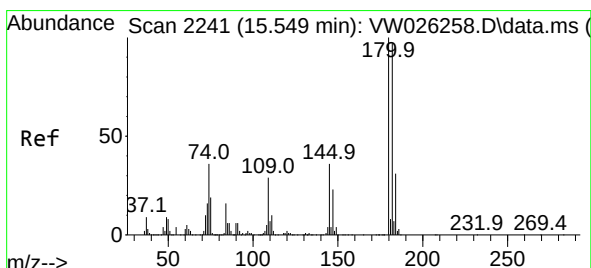
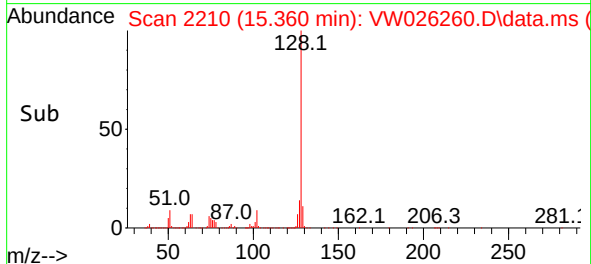
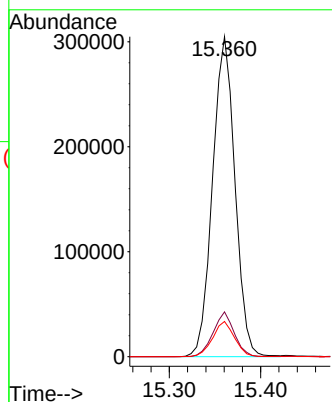
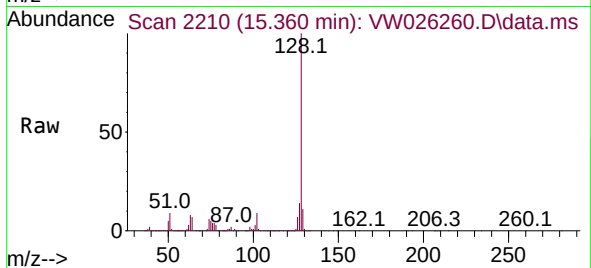
Tgt Ion:128 Resp: 517511

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 18.032 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026260.D

Acq: 20 Jun 2023 11:20

Tgt Ion:180 Resp: 224788

Ion Ratio Lower Upper

180 100

182 93.0 76.3 114.5

145 34.9 27.0 40.6

