

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026268.D
 Acq On : 20 Jun 2023 14:32
 Operator : SY/MD
 Sample : 03334-06MSD
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MSD

Quant Time: Jun 21 01:13:14 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	668473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	586518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166211	17.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.893	69	156941	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	4.021	65	90750	19.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.280%
21) 2-Butanone-d5	7.075	46	197423	72.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.220%#
24) Chloroform-d	7.648	84	448619	22.917	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	8.307	65	255170	23.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.360%
32) Benzene-d6	8.270	84	842706	21.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.276	67	290170	23.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.840%
41) Toluene-d8	10.325	98	712210	20.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.575	79	104078	21.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.040%
47) 2-Hexanone-d5	10.922	63	129835	65.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	270006	29.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.720%
66) 1,2-Dichlorobenzene-d4	13.855	152	223168	20.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	135337	16.515	ug/L	96
3) Chloromethane	2.216	50	215865	20.544	ug/L	96
5) Vinyl chloride	2.369	62	245465	21.855	ug/L	96
6) Bromomethane	2.783	94	129589	21.165	ug/L	98
8) Chloroethane	2.924	64	145282	23.937	ug/L	97
9) Trichlorofluoromethane	3.259	101	182495	25.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	201109	22.057	ug/L	98
12) 1,1-Dichloroethene	4.039	96	187831	22.069	ug/L	82
13) Acetone	4.118	43	162380	76.650	ug/L	96
14) Carbon disulfide	4.387	76	548854	18.268	ug/L	100
15) Methyl Acetate	4.667	43	131283	27.612	ug/L	99
16) Methylene chloride	4.917	84	235087	22.034	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	197800	20.714	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	371230	24.666	ug/L	100
19) 1,1-Dichloroethane	6.216	63	426032	21.915	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	294252	29.091	ug/L	98
22) 2-Butanone	7.167	43	202080	66.871	ug/L	97
23) Bromochloromethane	7.520	128	91133	21.126	ug/L	96
25) Chloroform	7.679	83	399157	22.044	ug/L	98

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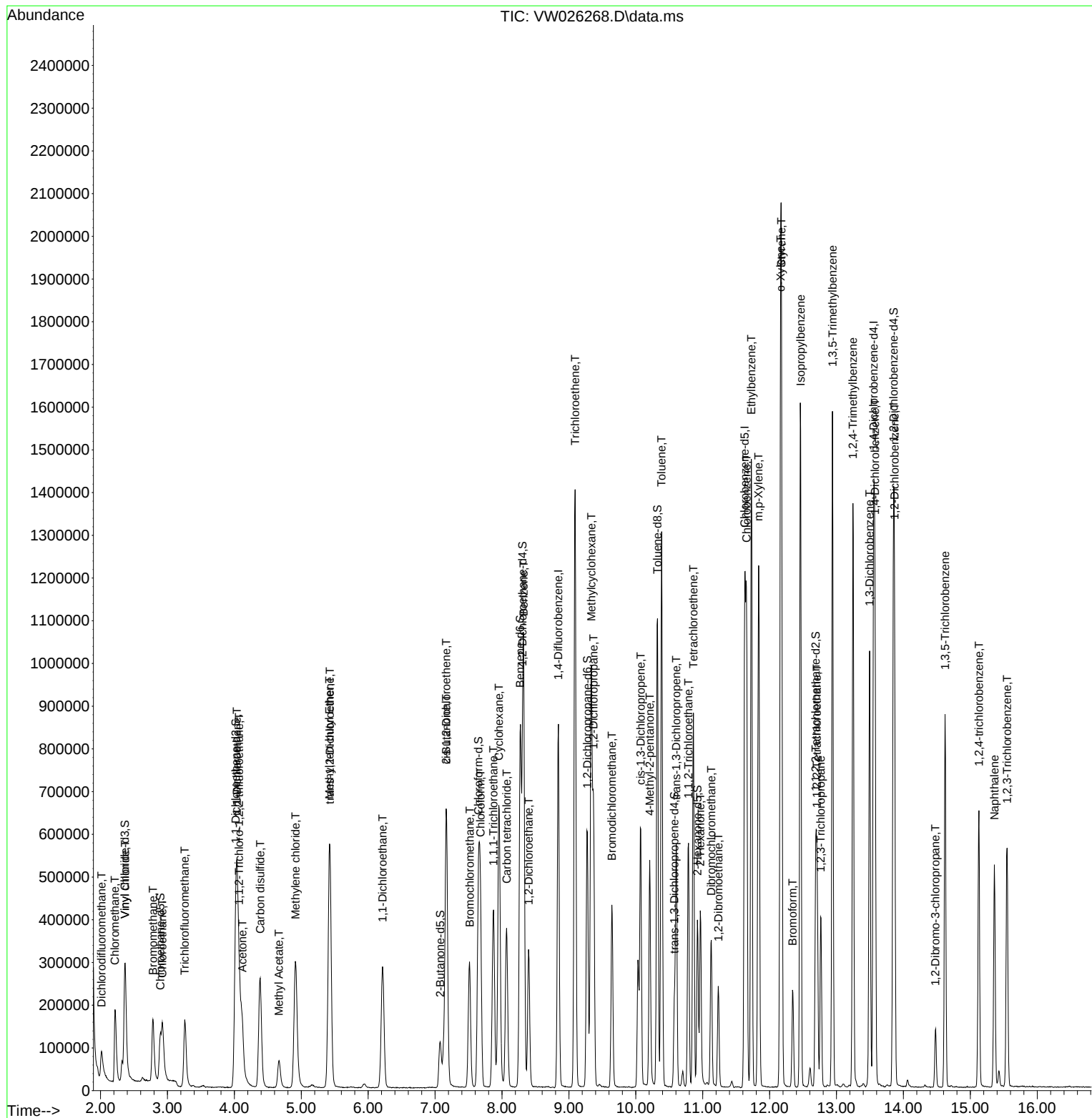
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288538	23.105	ug/L	99
29) Cyclohexane	7.953	56	375485	20.736	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	328346	23.069	ug/L	99
31) Carbon tetrachloride	8.069	117	283781	21.849	ug/L	97
33) Benzene	8.325	78	874386	21.763	ug/L	100
34) Trichloroethene	9.093	95	500511	48.649	ug/L	98
35) Methylcyclohexane	9.337	83	369233	20.282	ug/L	99
37) 1,2-Dichloropropane	9.367	63	247824	22.773	ug/L	100
38) Bromodichloromethane	9.642	83	282705	22.360	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	349463	21.852	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	368675	57.462	ug/L	100
42) Toluene	10.386	91	892004	21.706	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	299083	22.448	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	173897	24.246	ug/L	98
46) Tetrachloroethene	10.861	164	187162	25.720	ug/L	95
48) 2-Hexanone	10.965	43	274845	60.754	ug/L	98
49) Dibromochloromethane	11.129	129	175703	23.366	ug/L	99
50) 1,2-Dibromoethane	11.233	107	157491	23.715	ug/L	96
51) Chlorobenzene	11.654	112	543444	21.103	ug/L	98
52) Ethylbenzene	11.727	91	989458	21.344	ug/L	98
53) m,p-Xylene	11.837	106	371447	21.539	ug/L	90
54) o-Xylene	12.166	106	347504	21.349	ug/L	98
55) Styrene	12.178	104	606841	21.731	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	227988	26.266	ug/L	95
59) Bromoform	12.343	173	99597	23.639	ug/L	99
60) Isopropylbenzene	12.465	105	974557	22.115	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	167889	26.719	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	771781	22.031	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	689146	21.479	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	373566	20.162	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	381962	20.476	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	344734	20.719	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	37271	25.602	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	247871	19.475	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	182044	17.334	ug/L	98
71) Naphthalene	15.360	128	404506	21.611	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	178111	19.405	ug/L	98

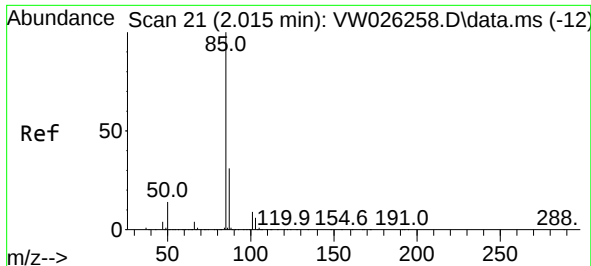
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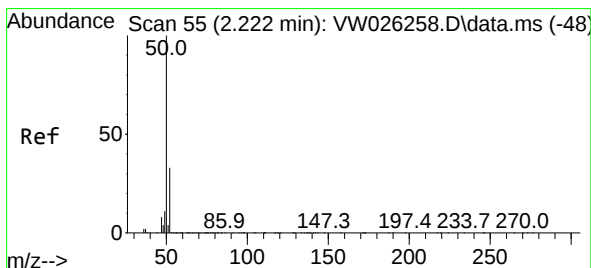
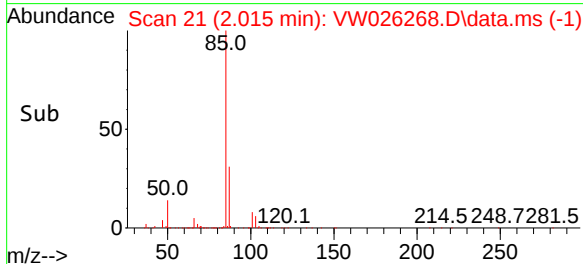
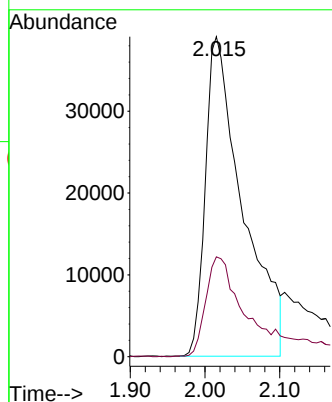
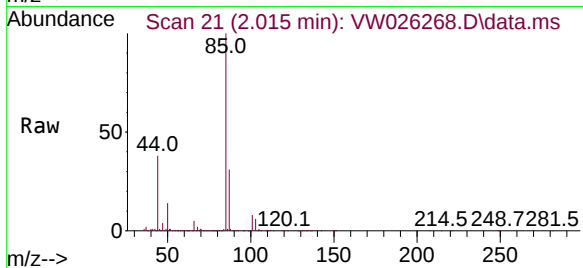




#2
Dichlorodifluoromethane
Concen: 16.515 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

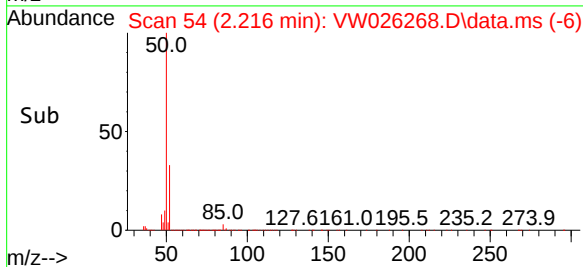
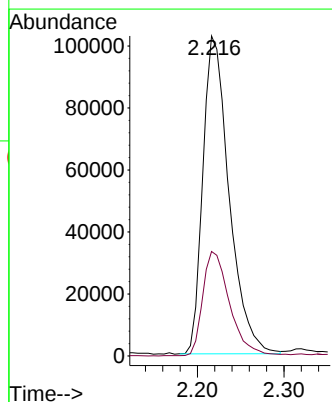
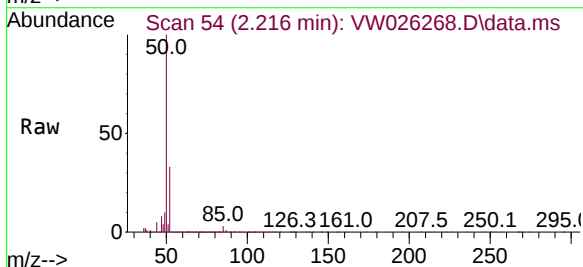
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

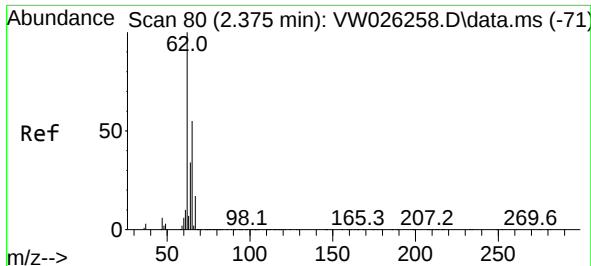
Tgt Ion: 85 Resp: 135337
Ion Ratio Lower Upper
85 100
87 30.0 22.2 33.2



#3
Chloromethane
Concen: 20.544 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 50 Resp: 215865
Ion Ratio Lower Upper
50 100
52 32.7 21.3 39.6

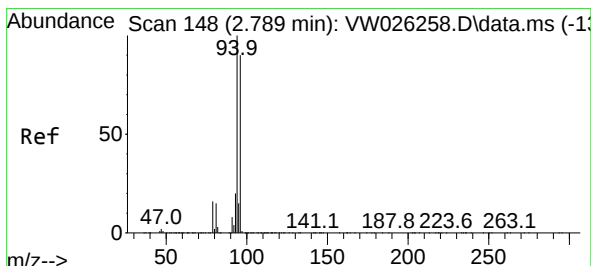
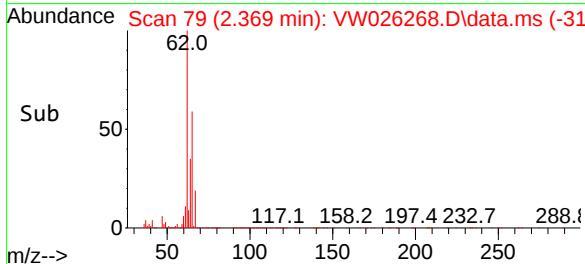
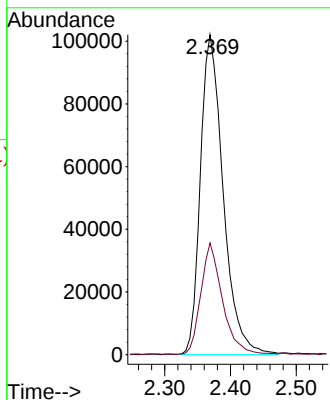
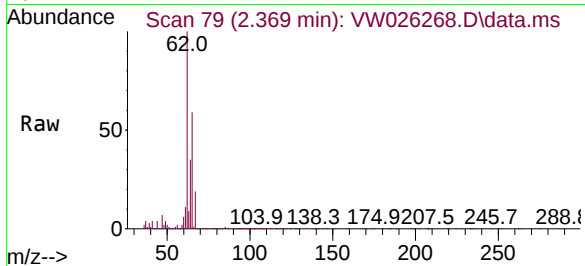




#5
 Vinyl chloride
 Concen: 21.855 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026268.D
 Acq: 20 Jun 2023 14:32

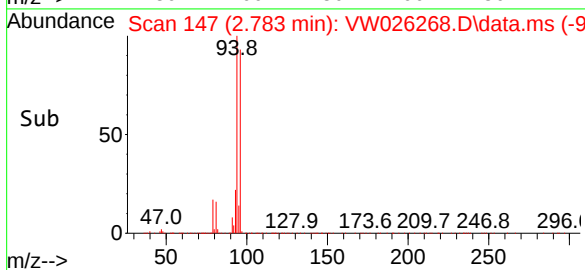
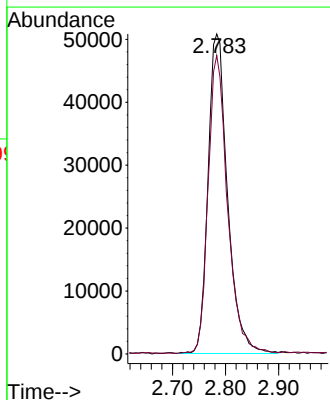
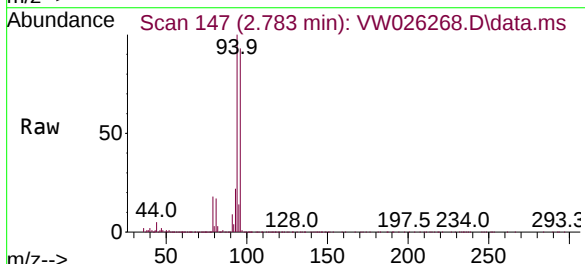
Instrument :
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 ClientSampleId :
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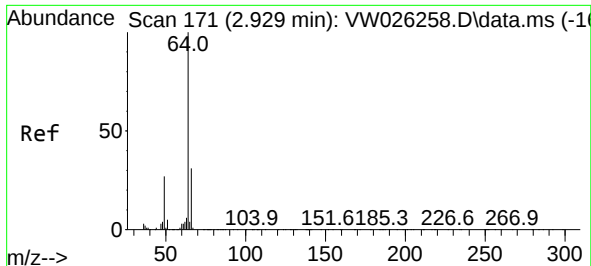
Tgt Ion: 62 Resp: 245465
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.7 42.1



#6
 Bromomethane
 Concen: 21.165 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026268.D
 Acq: 20 Jun 2023 14:32

Tgt Ion: 94 Resp: 129589
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.2 119.2

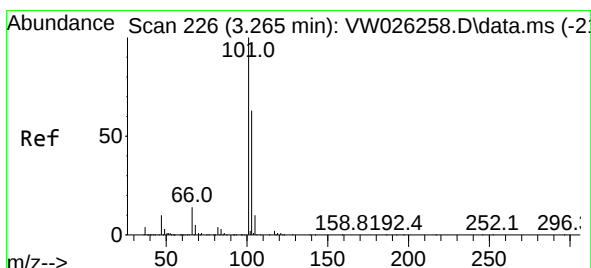
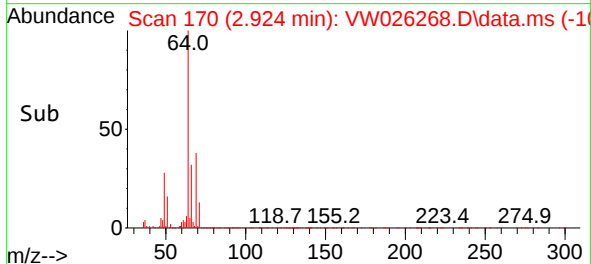
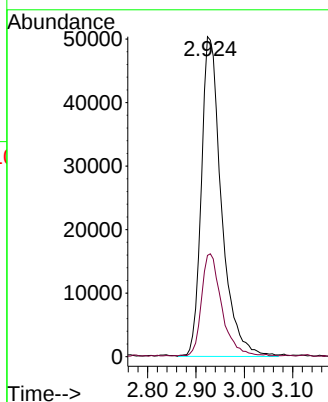
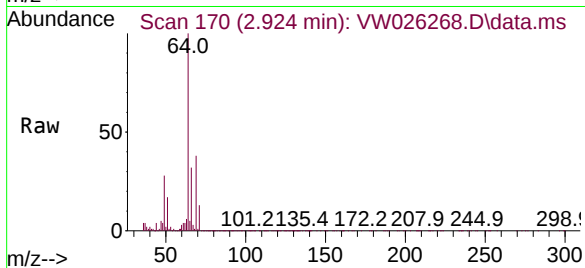




#8
Chloroethane
Concen: 23.937 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

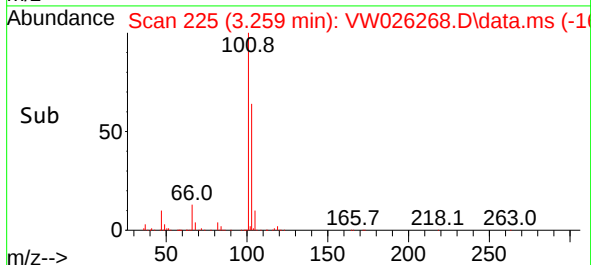
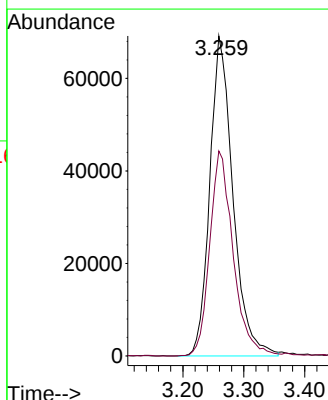
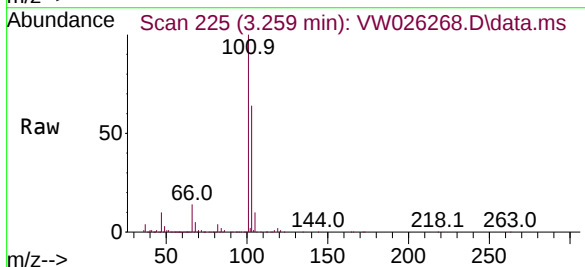
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MSVOA_W
ClientSampleId :
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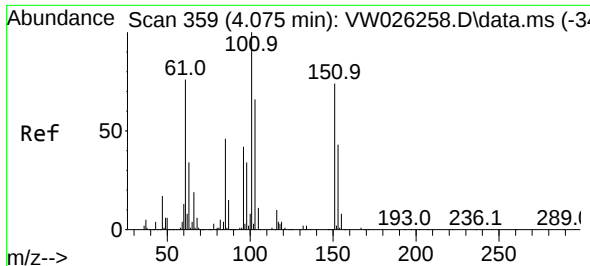
Tgt Ion: 64 Resp: 145282
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.256 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 101 Resp: 182495
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.057 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

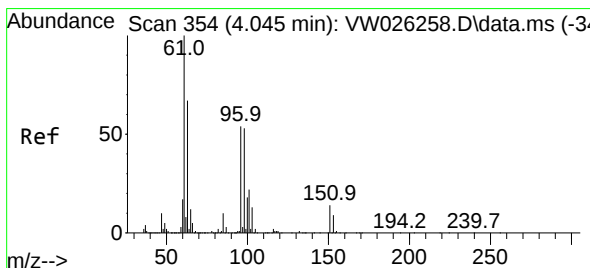
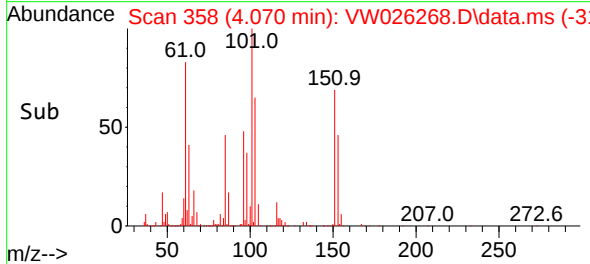
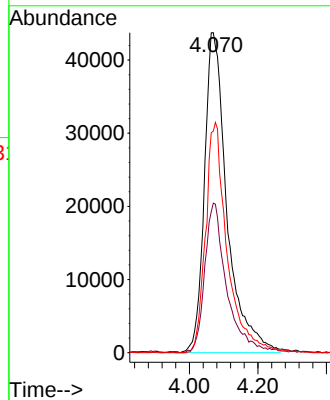
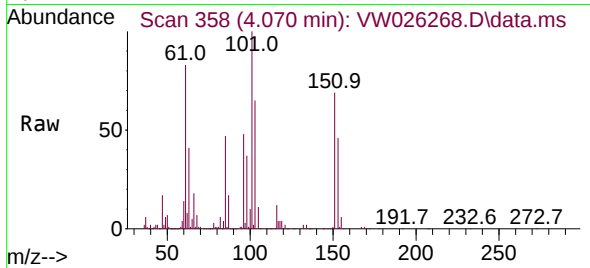
Tgt Ion:101 Resp: 201109

Ion Ratio Lower Upper

101 100

85 43.2 36.1 54.1

151 68.2 55.1 82.7



#12

1,1-Dichloroethene

Concen: 22.069 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

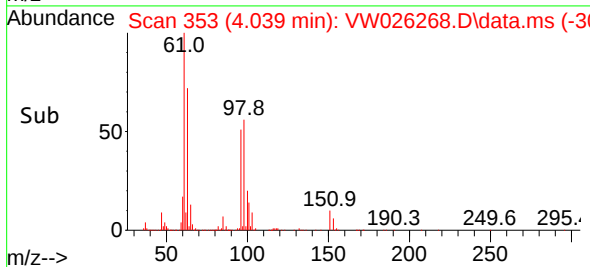
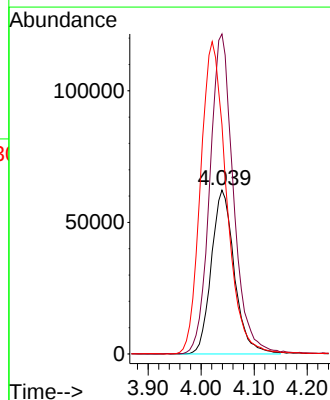
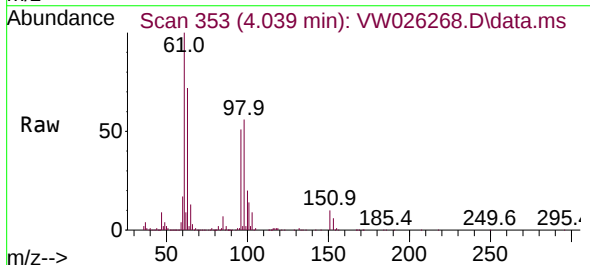
Tgt Ion: 96 Resp: 187831

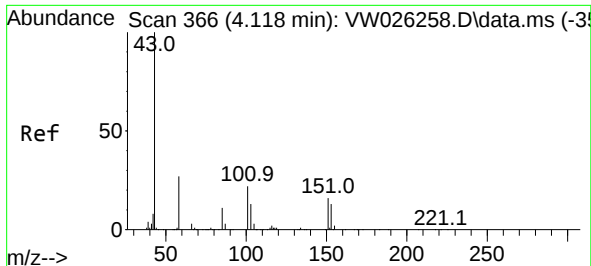
Ion Ratio Lower Upper

96 100

61 195.4 140.6 261.0

63 140.0 131.7 244.5

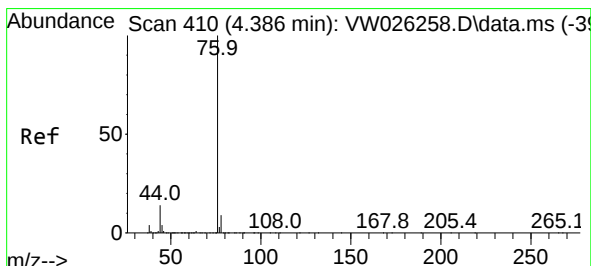
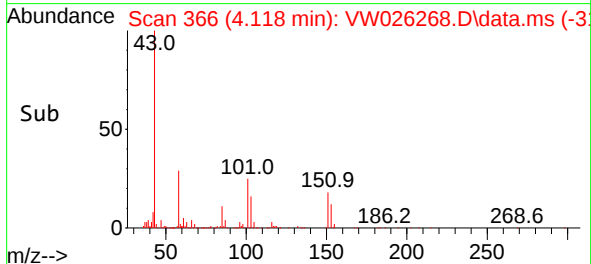
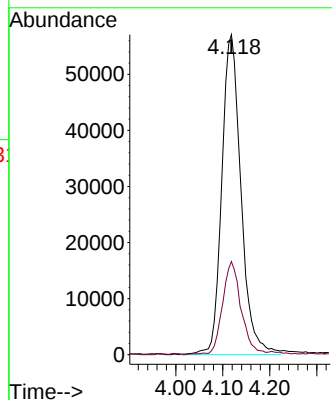
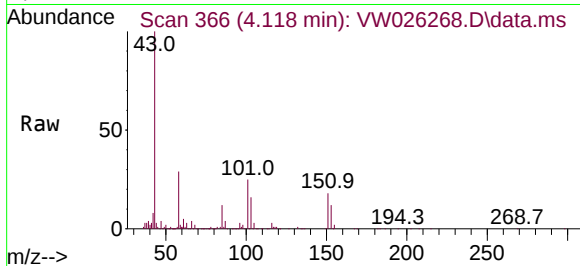




#13
Acetone
Concen: 76.650 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026268.D
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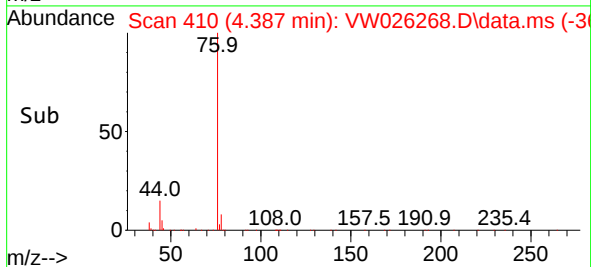
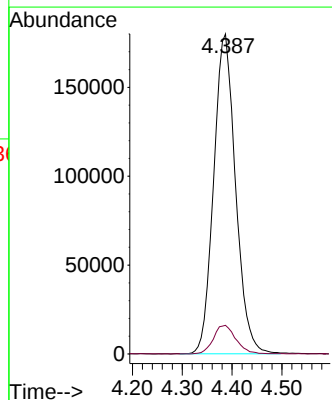
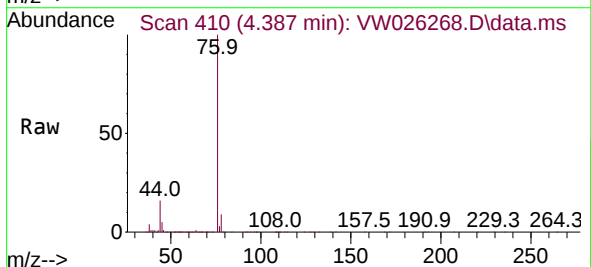
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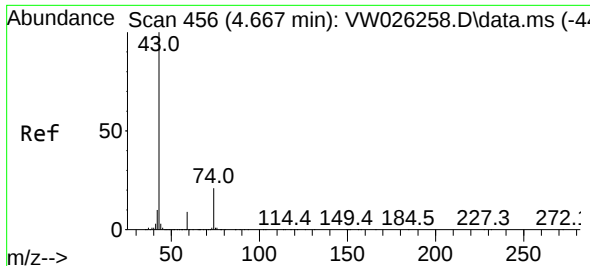
Tgt Ion: 43 Resp: 162380
Ion Ratio Lower Upper
43 100
58 26.8 0.0 58.2



#14
Carbon disulfide
Concen: 18.268 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 76 Resp: 548854
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

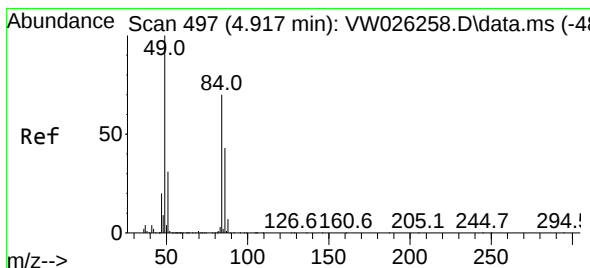
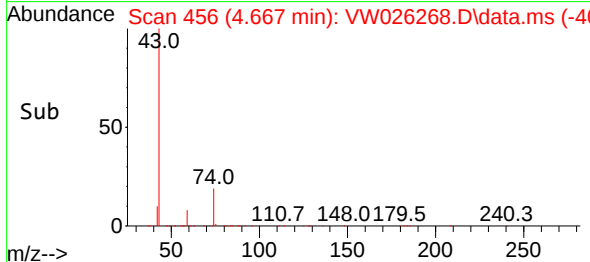
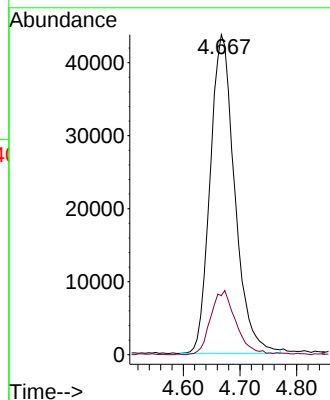
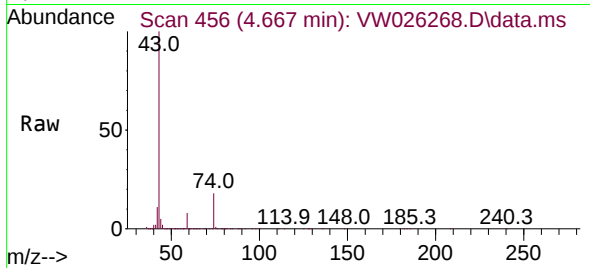




#15
Methyl Acetate
Concen: 27.612 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

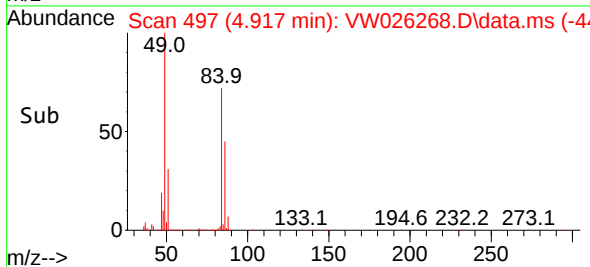
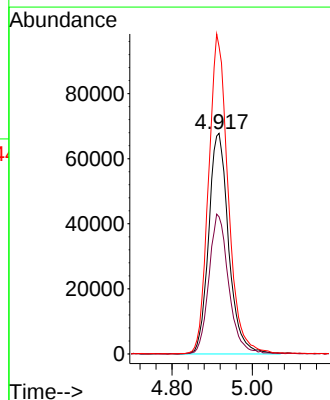
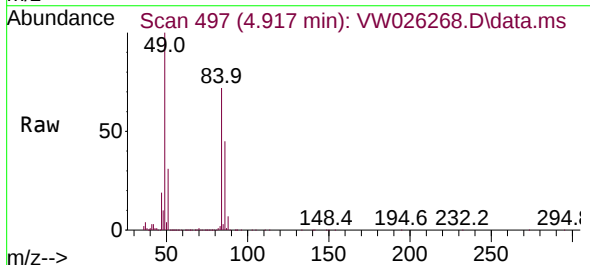
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

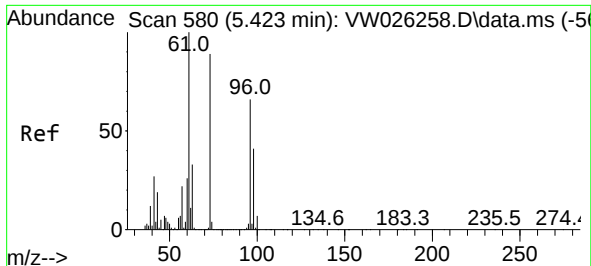
Tgt Ion: 43 Resp: 131283
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



#16
Methylene chloride
Concen: 22.034 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 84 Resp: 235087
Ion Ratio Lower Upper
84 100
86 62.2 44.2 82.0
49 139.2 98.8 183.6

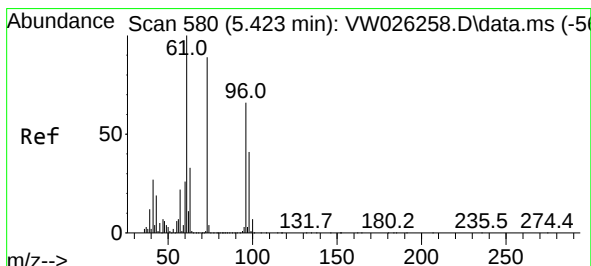
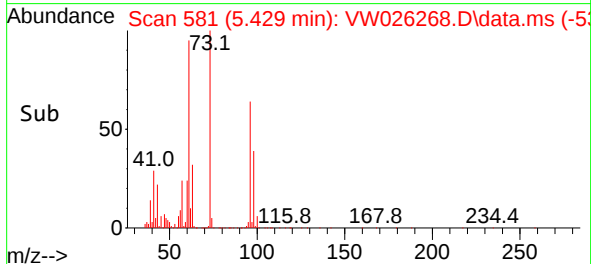
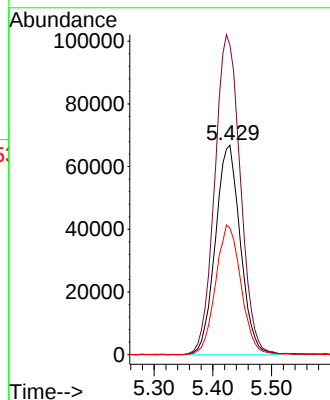
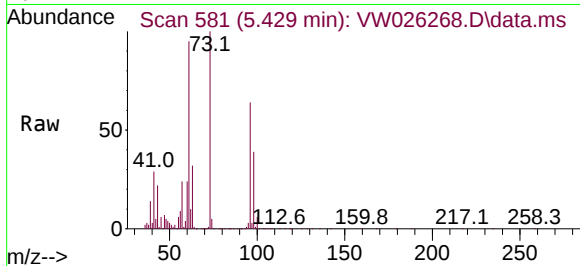




#17
trans-1,2-Dichloroethene
Concen: 20.714 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

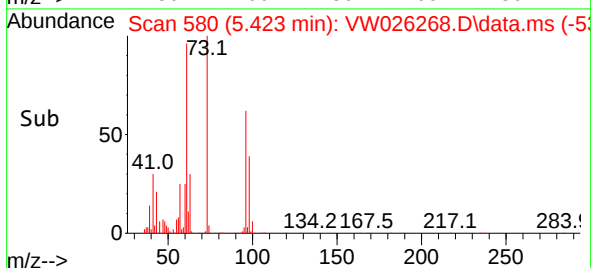
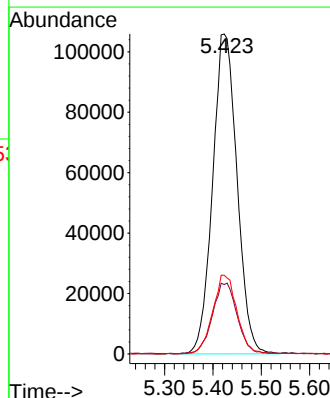
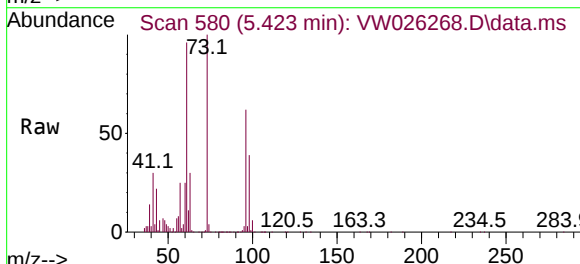
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

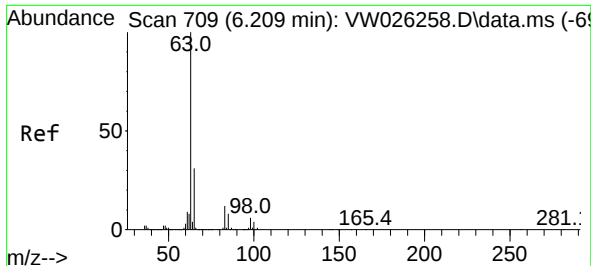
Tgt Ion: 96 Resp: 197800
Ion Ratio Lower Upper
96 100
61 147.8 113.0 209.8
98 60.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.666 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 73 Resp: 371230
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.6 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.915 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

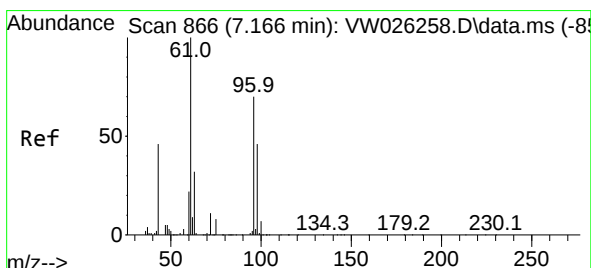
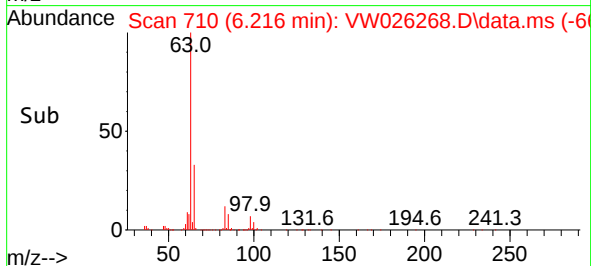
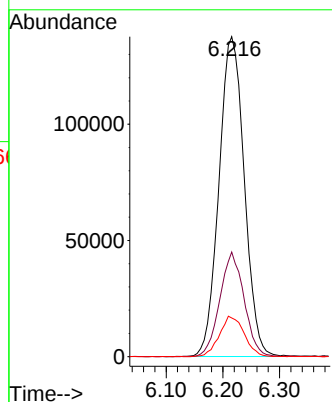
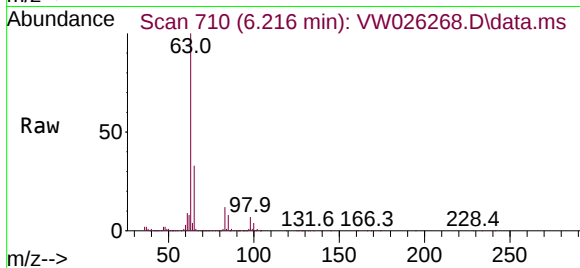
Tgt Ion: 63 Resp: 426032

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 12.1 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 29.091 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

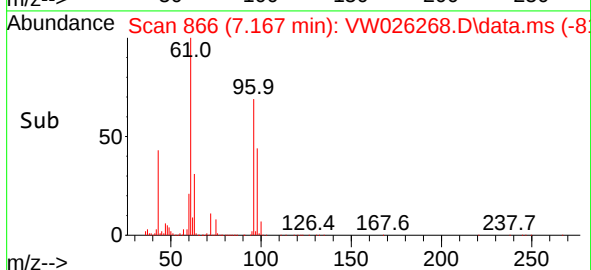
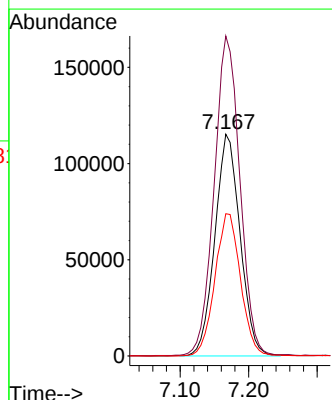
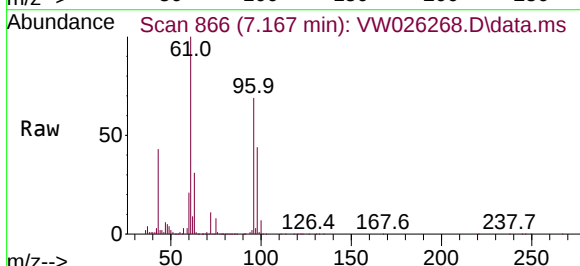
Tgt Ion: 96 Resp: 294252

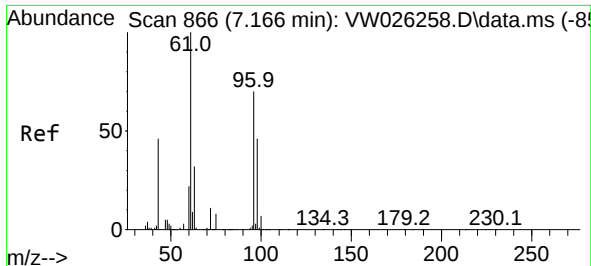
Ion Ratio Lower Upper

96 100

61 144.3 98.4 182.8

98 64.1 45.2 84.0

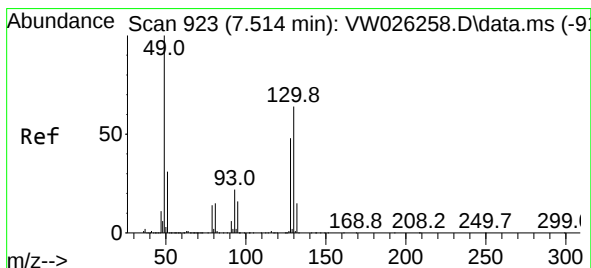
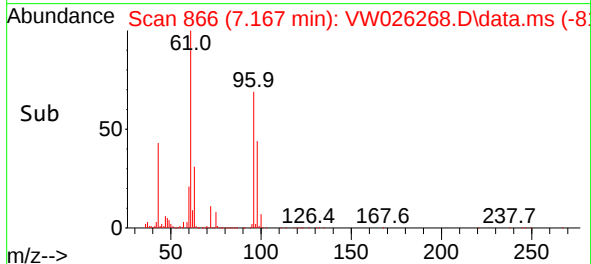
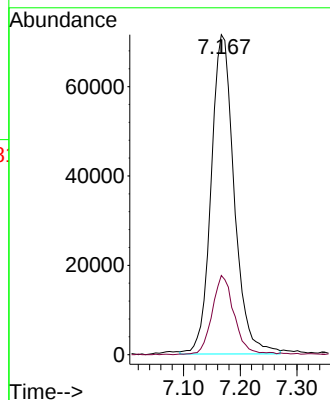
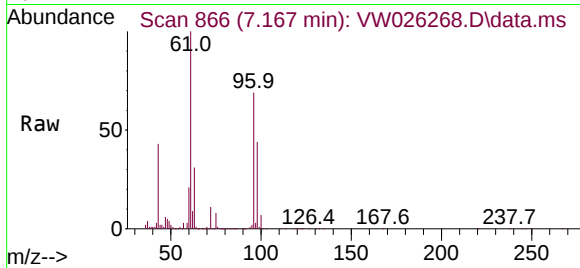




#22
2-Butanone
Concen: 66.871 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

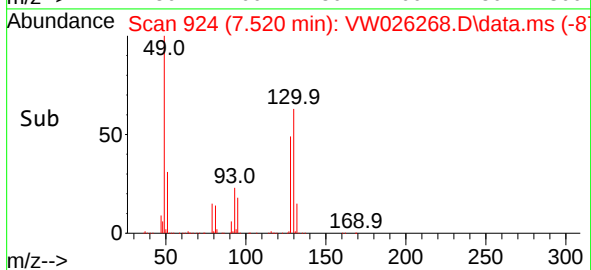
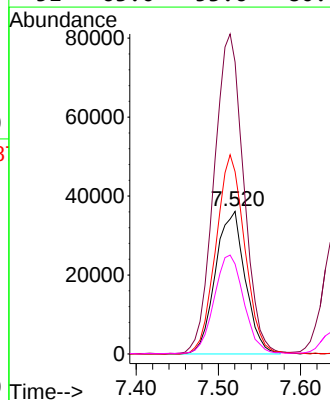
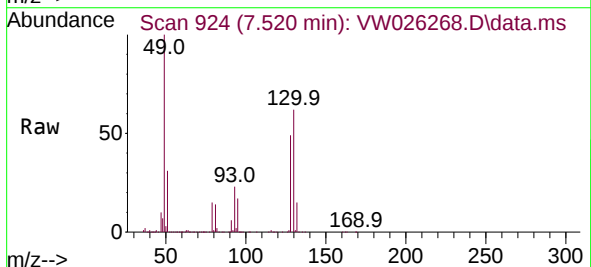
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

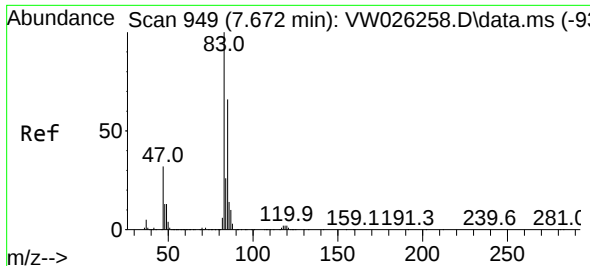
Tgt Ion: 43 Resp: 202080
Ion Ratio Lower Upper
43 100
72 23.4 12.4 37.4



#23
Bromochloromethane
Concen: 21.126 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 128 Resp: 91133
Ion Ratio Lower Upper
128 100
49 204.7 140.6 261.0
130 127.8 86.0 159.6
51 63.0 53.6 80.4

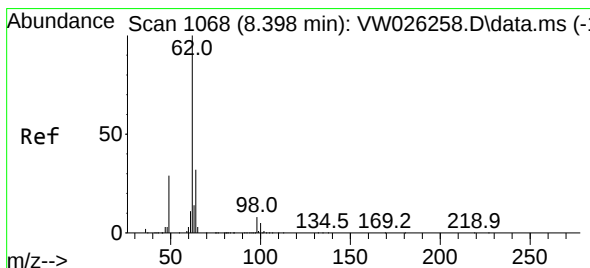
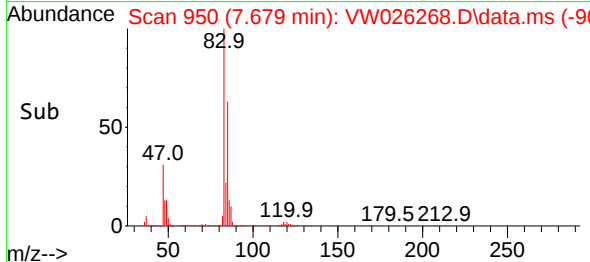
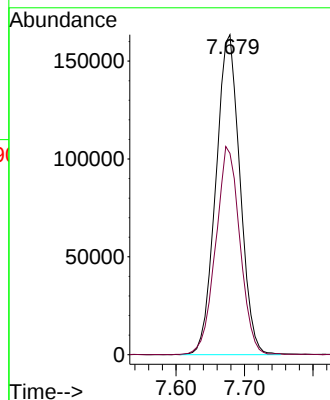
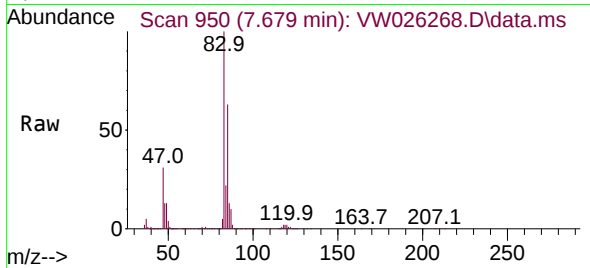




#25
Chloroform
Concen: 22.044 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

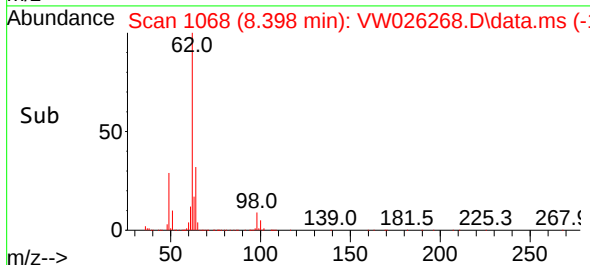
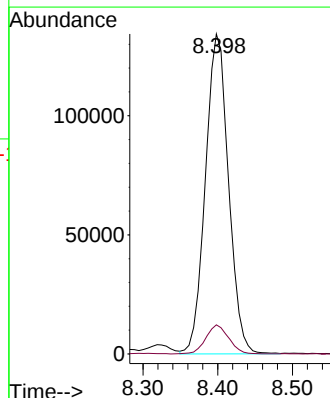
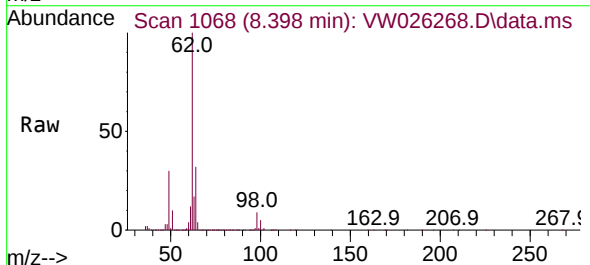
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

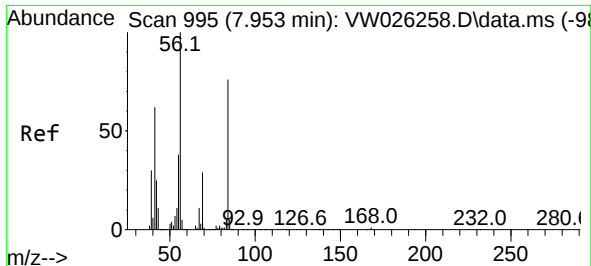
Tgt Ion: 83 Resp: 399157
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.105 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 62 Resp: 288538
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2

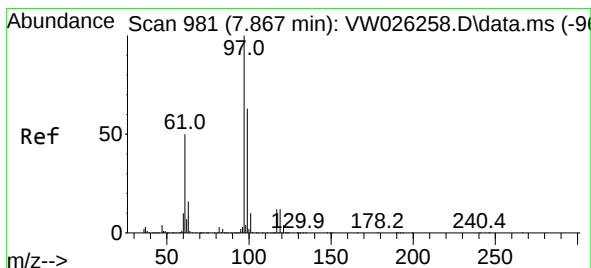
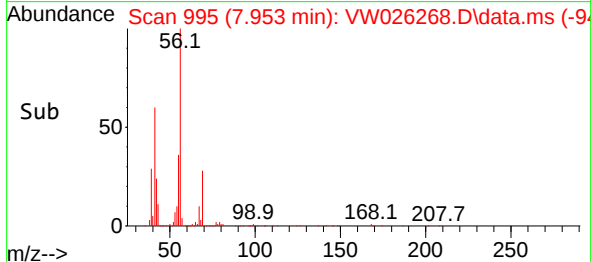
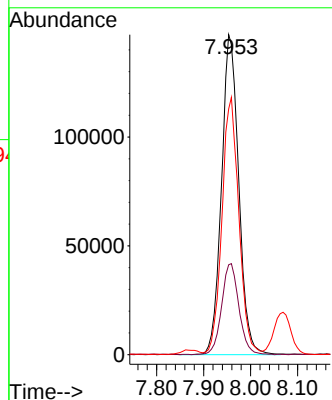
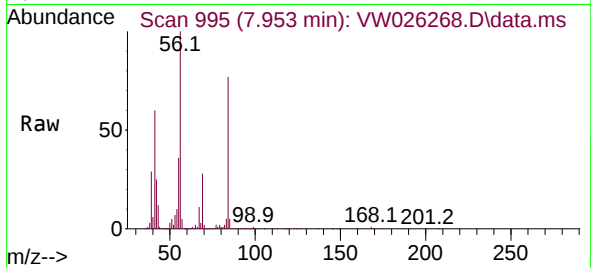




#29
Cyclohexane
Concen: 20.736 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

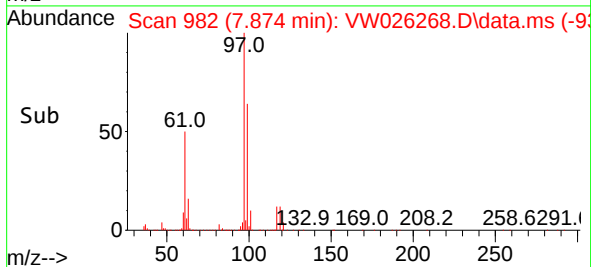
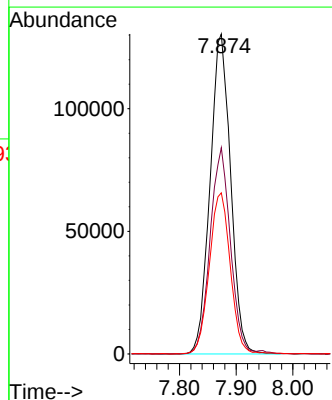
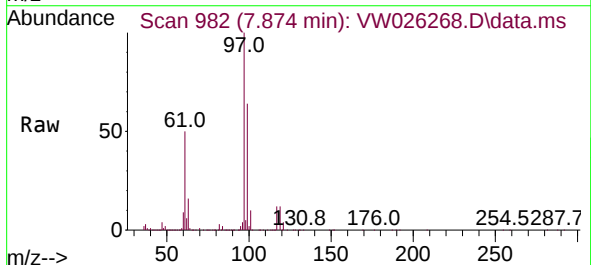
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

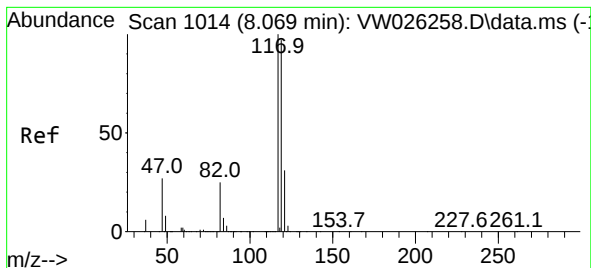
Tgt Ion: 56 Resp: 375485
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.9 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 23.069 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 97 Resp: 328346
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 51.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.849 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

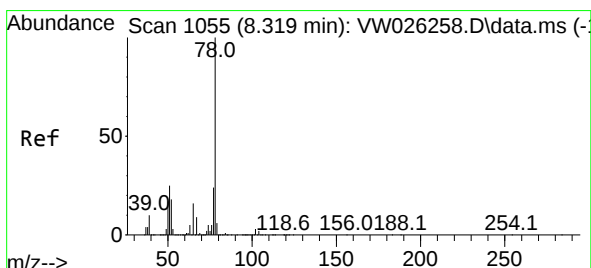
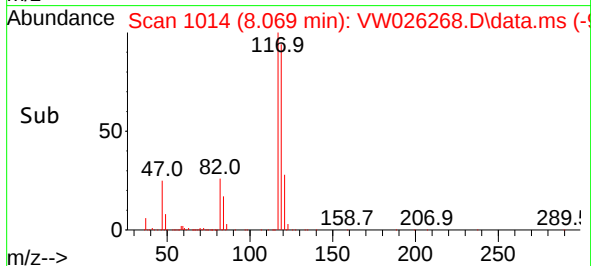
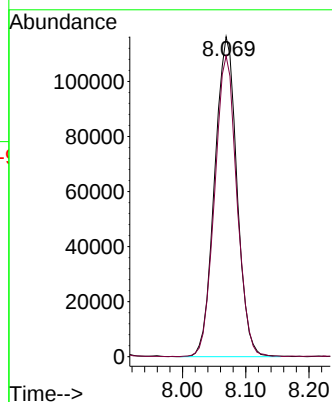
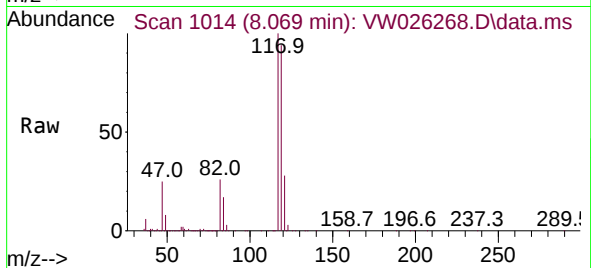
YBW01MSD

Tgt Ion:117 Resp: 283781

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.2



#33

Benzene

Concen: 21.763 ug/L

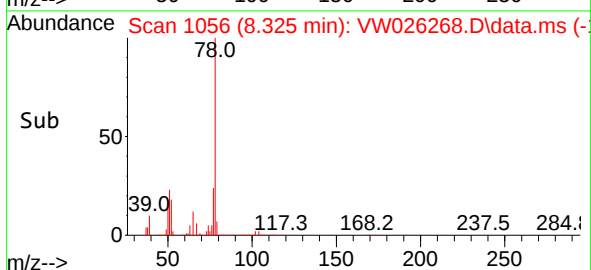
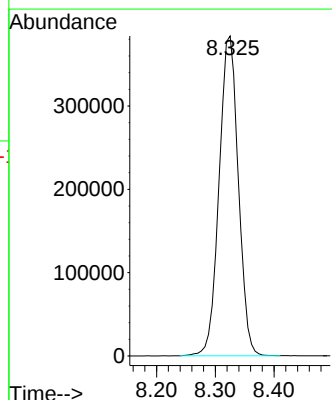
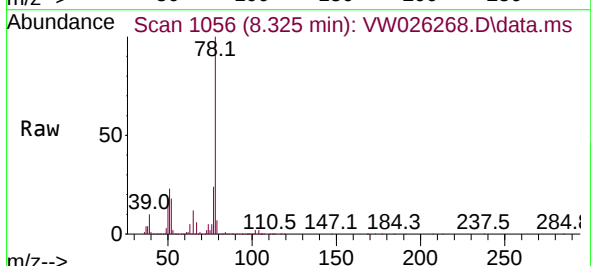
RT: 8.325 min Scan# 1056

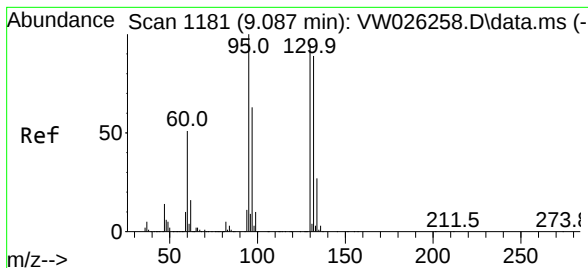
Delta R.T. 0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Tgt Ion: 78 Resp: 874386





#34

Trichloroethene

Concen: 48.649 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

Tgt Ion: 95 Resp: 500511

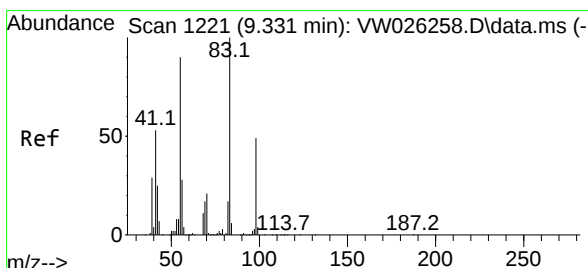
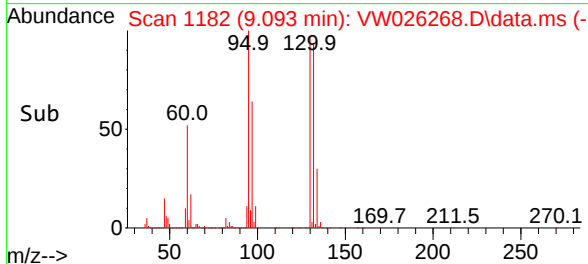
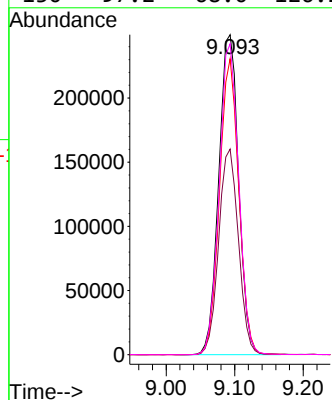
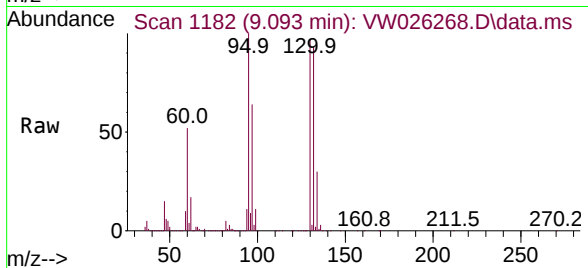
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 92.5 67.1 124.7

130 97.2 68.0 126.2



#35

Methylcyclohexane

Concen: 20.282 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

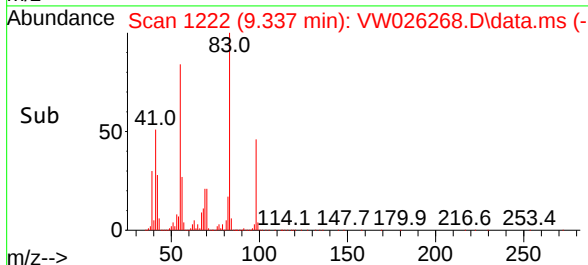
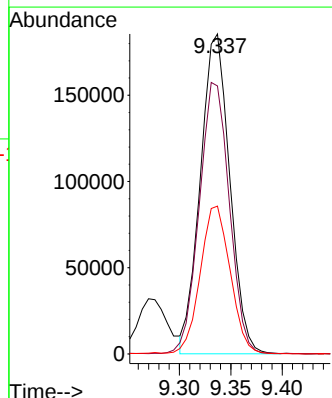
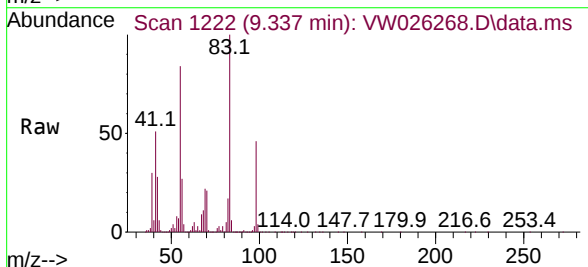
Tgt Ion: 83 Resp: 369233

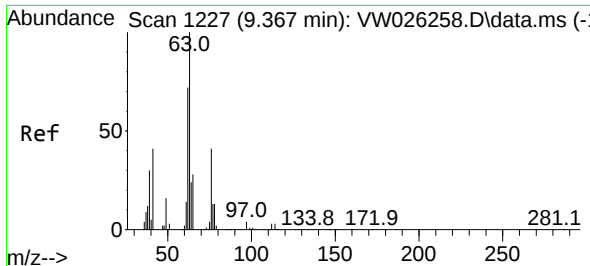
Ion Ratio Lower Upper

83 100

55 86.8 68.2 102.4

98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.773 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

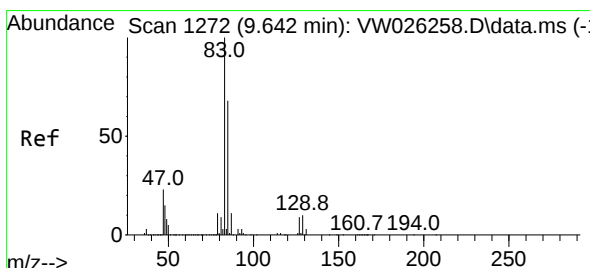
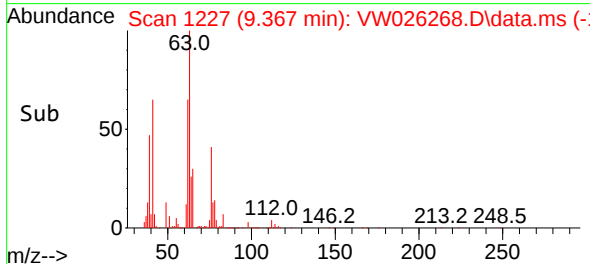
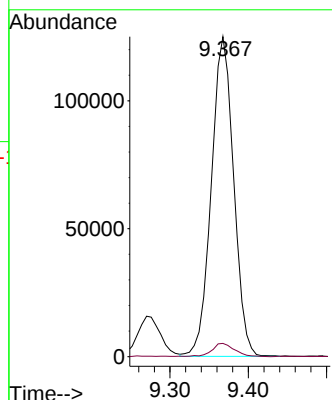
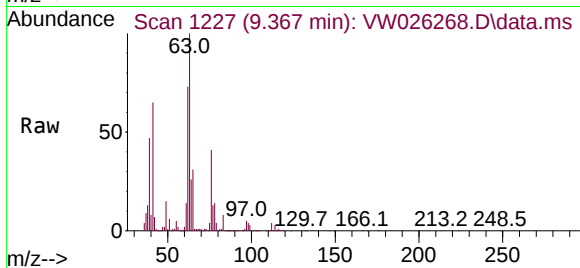
YBW01MSD

Tgt Ion: 63 Resp: 247824

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 22.360 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

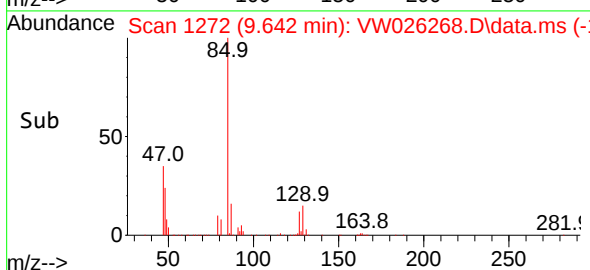
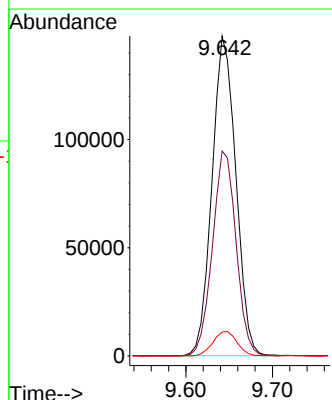
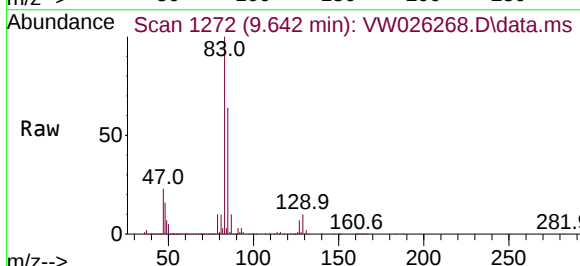
Tgt Ion: 83 Resp: 282705

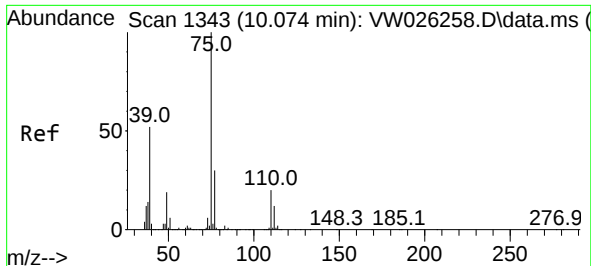
Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.0

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.852 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

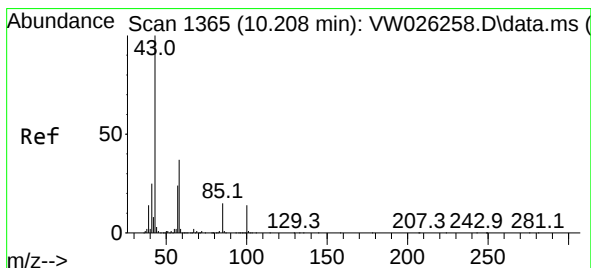
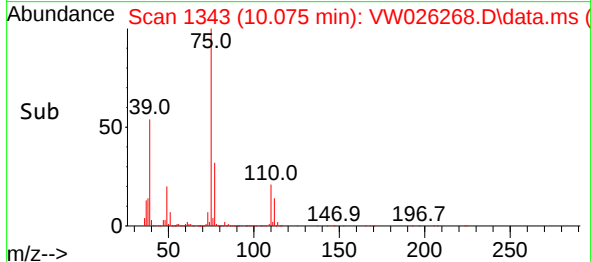
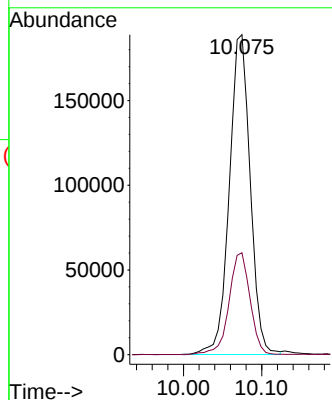
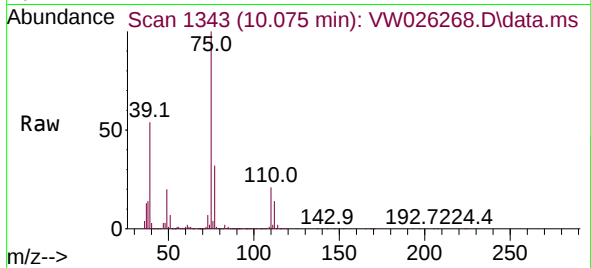
YBW01MSD

Tgt Ion: 75 Resp: 349463

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 57.462 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

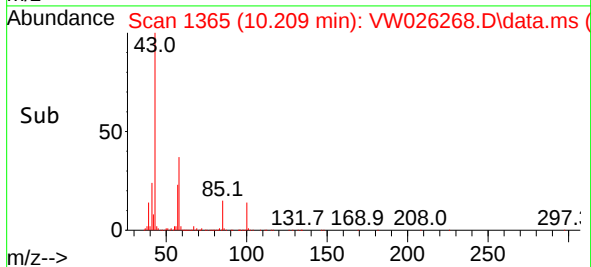
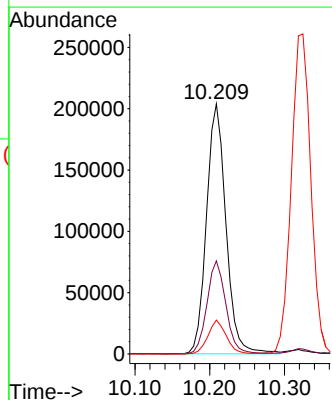
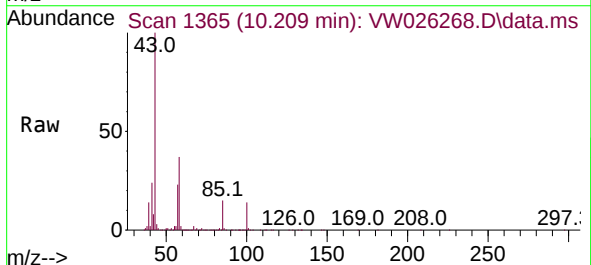
Tgt Ion: 43 Resp: 368675

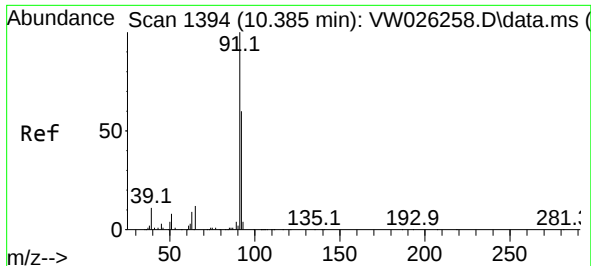
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4

100 12.9 10.5 15.7





#42

Toluene

Concen: 21.706 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

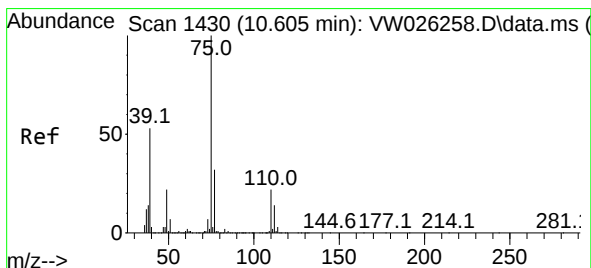
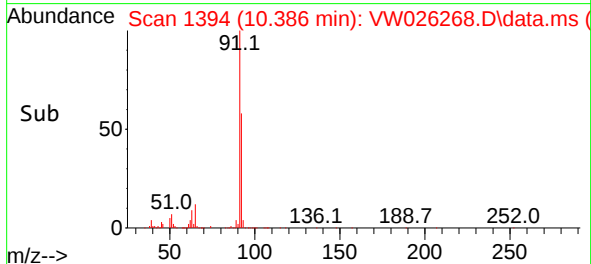
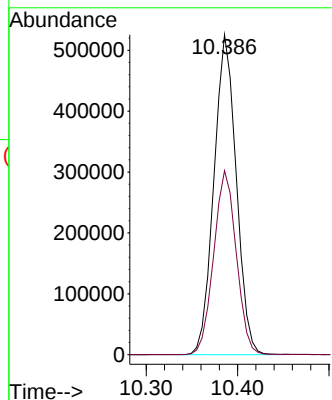
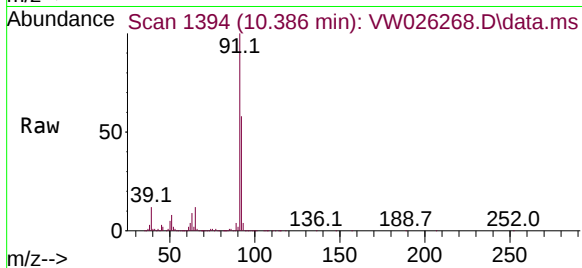
YBW01MSD

Tgt Ion: 91 Resp: 892004

Ion Ratio Lower Upper

91 100

92 57.5 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 22.448 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026268.D

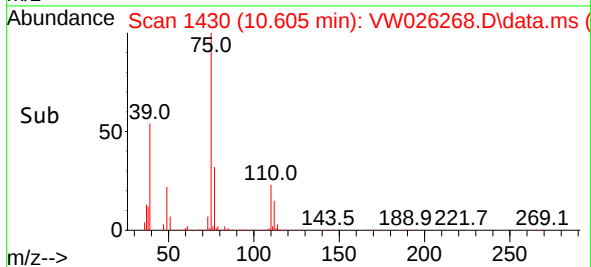
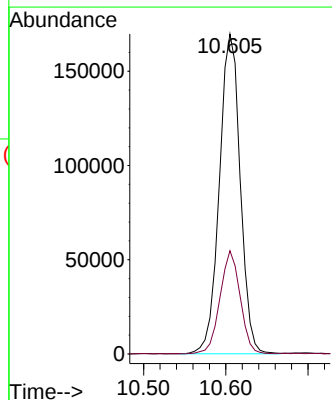
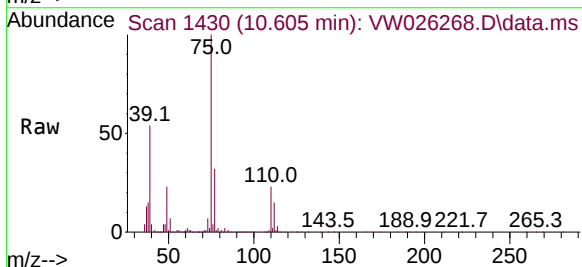
Acq: 20 Jun 2023 14:32

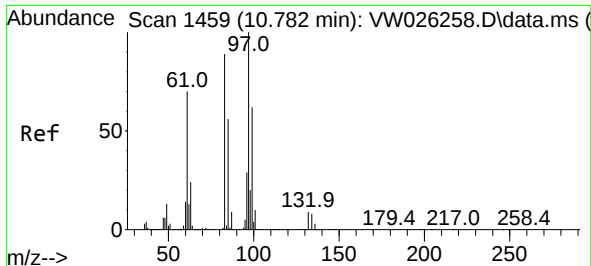
Tgt Ion: 75 Resp: 299083

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.3



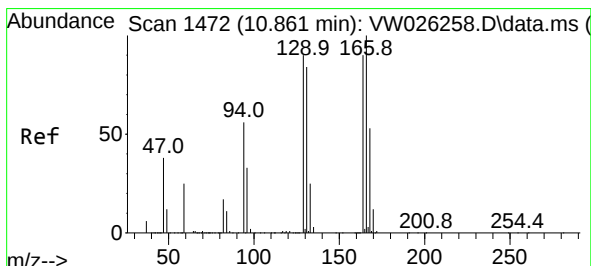
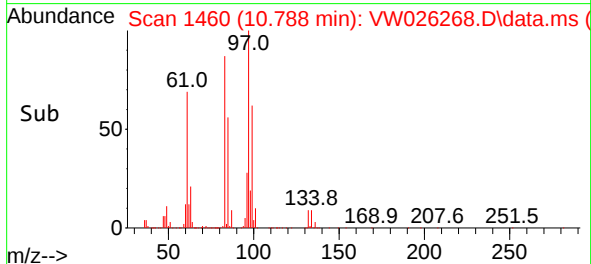
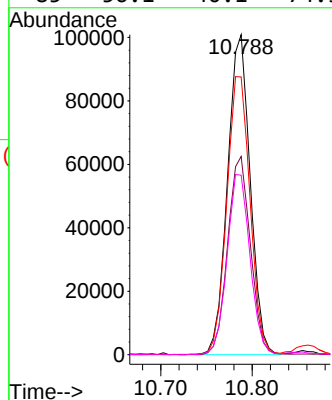
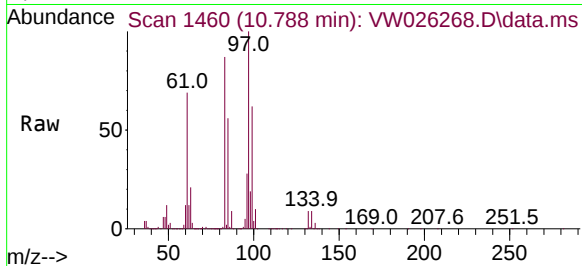


#45
1,1,2-Trichloroethane
Concen: 24.246 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

Tgt Ion: 97 Resp: 173897

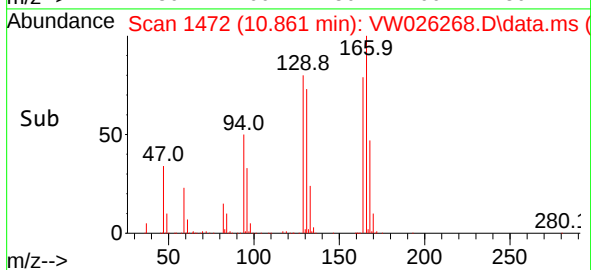
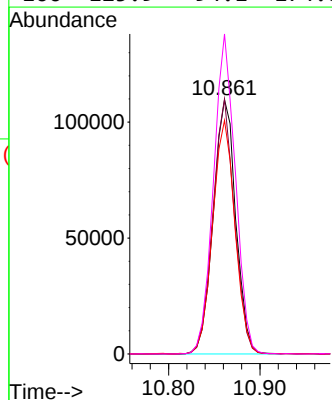
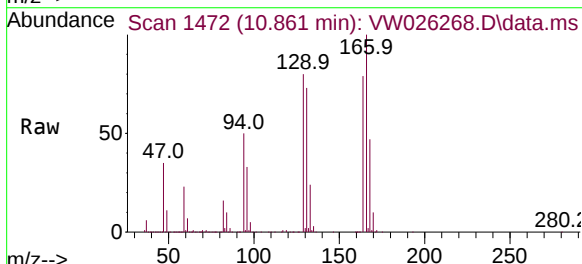
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	86.8	62.9	116.9
85	56.1	40.1	74.5

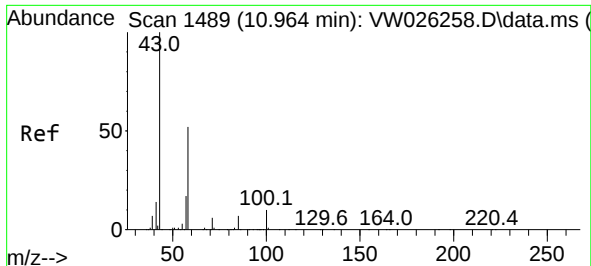


#46
Tetrachloroethene
Concen: 25.720 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 164 Resp: 187162

Ion	Ratio	Lower	Upper
164	100		
129	100.3	68.5	127.1
131	91.9	67.1	124.7
166	125.9	94.1	174.8

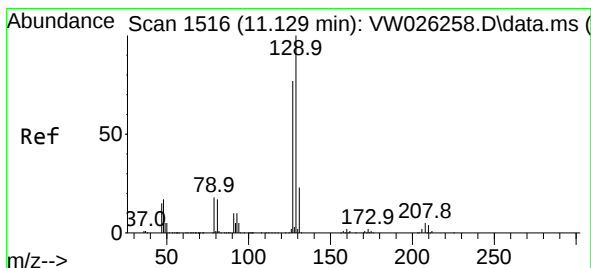
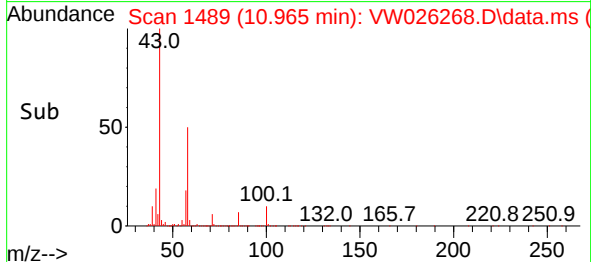
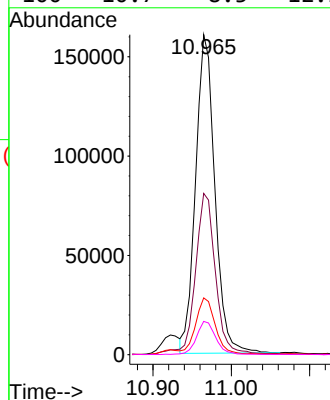
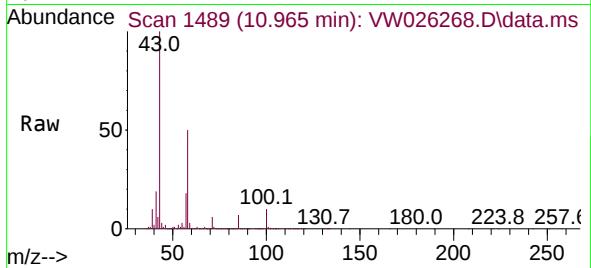




#48
2-Hexanone
Concen: 60.754 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

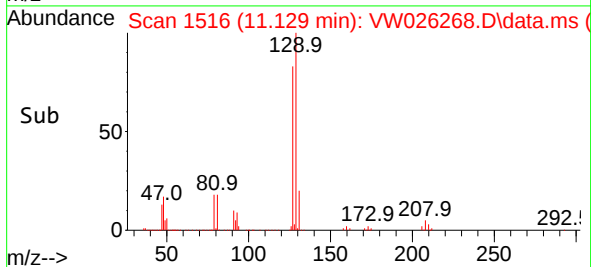
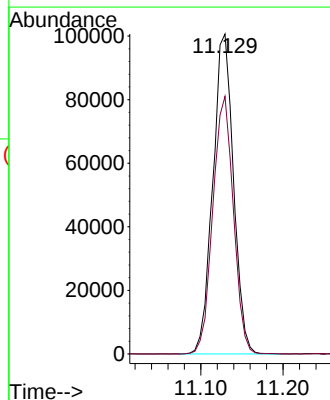
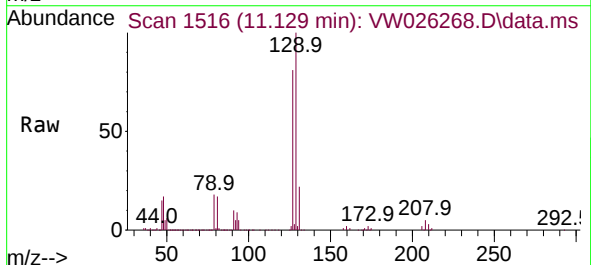
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

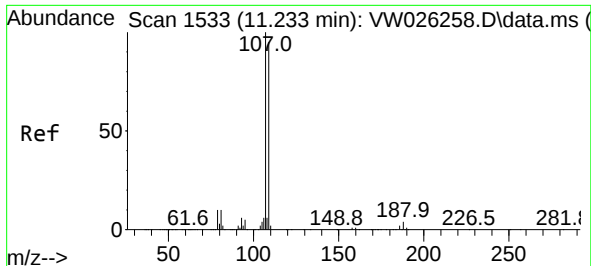
Tgt Ion: 43 Resp: 274845
Ion Ratio Lower Upper
43 100
58 50.5 42.2 63.2
57 17.3 14.2 21.2
100 10.7 8.3 12.5



#49
Dibromochloromethane
Concen: 23.366 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 129 Resp: 175703
Ion Ratio Lower Upper
129 100
127 80.5 56.9 105.7

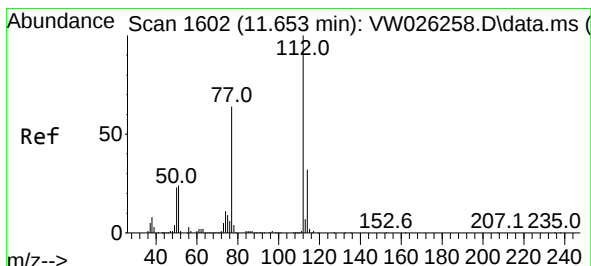
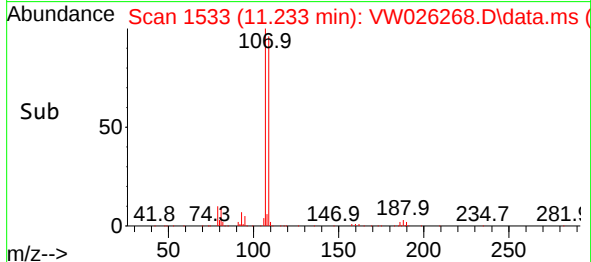
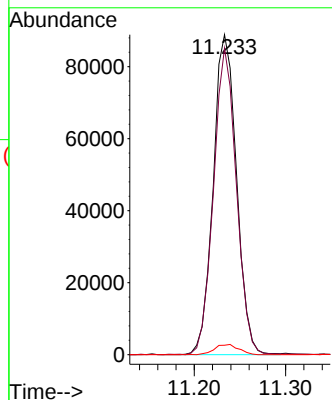
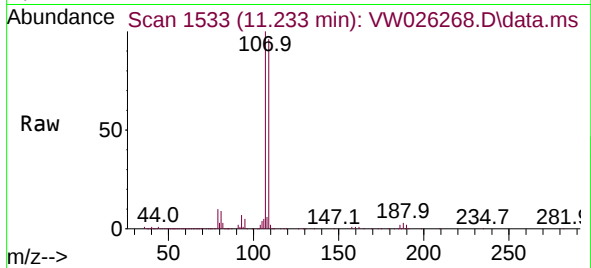




#50
1,2-Dibromoethane
Concen: 23.715 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

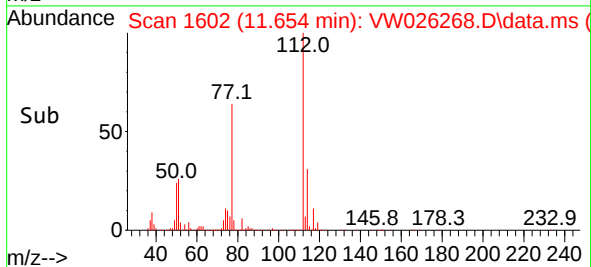
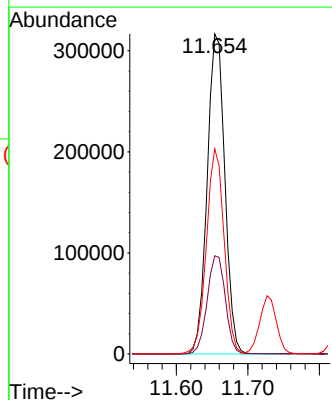
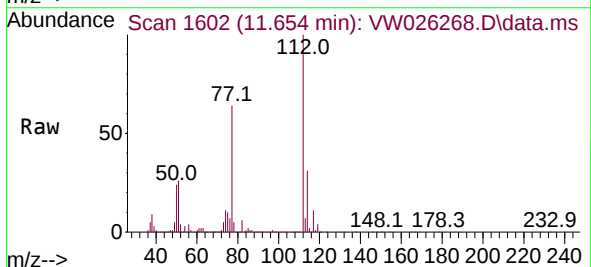
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

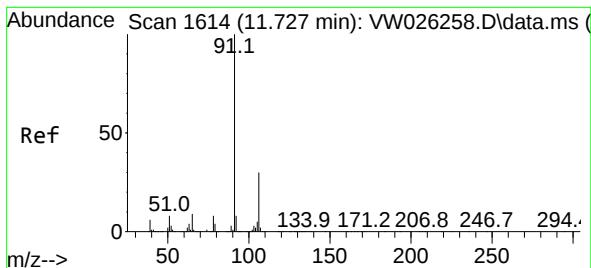
Tgt Ion:107 Resp: 157491
Ion Ratio Lower Upper
107 100
109 95.8 64.0 119.0
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 21.103 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion:112 Resp: 543444
Ion Ratio Lower Upper
112 100
114 30.7 23.0 42.6
77 64.1 50.9 76.3

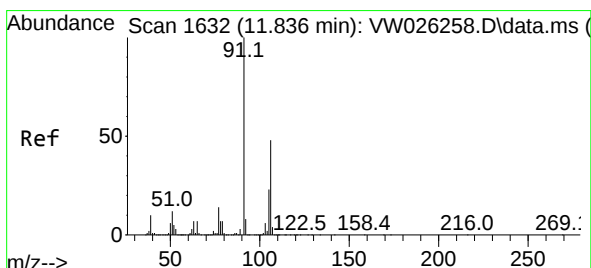
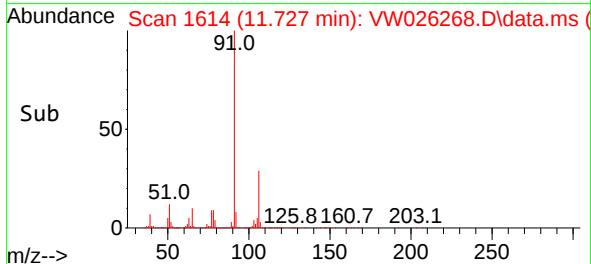
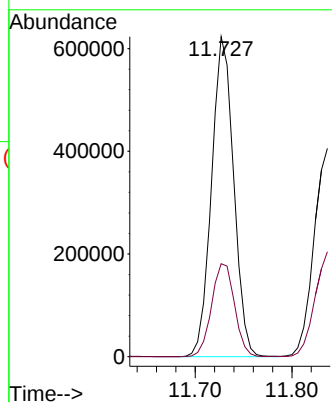
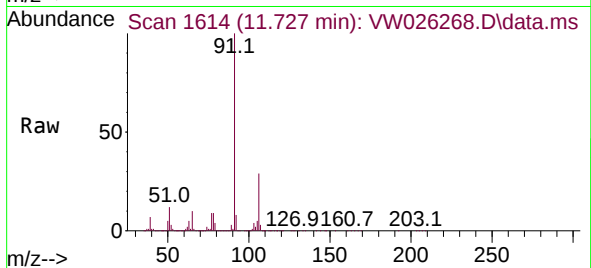




#52
Ethylbenzene
Concen: 21.344 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

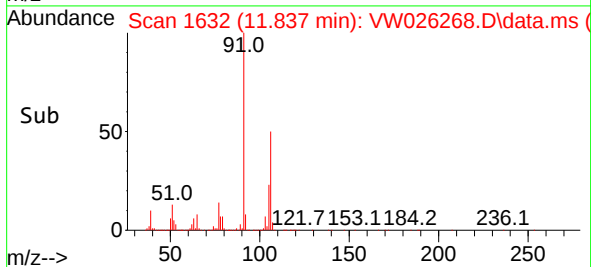
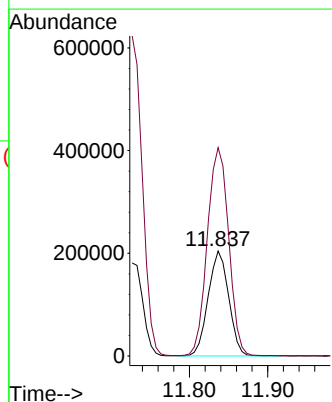
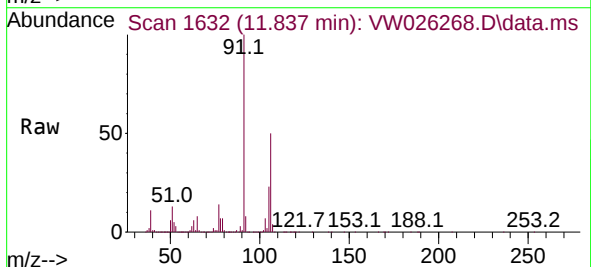
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

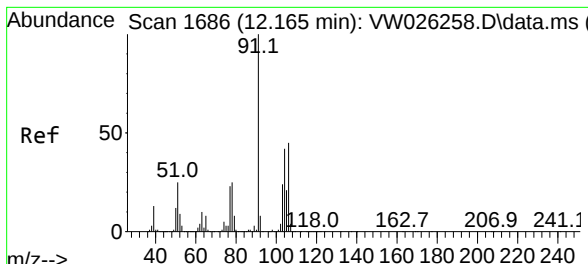
Tgt Ion: 91 Resp: 989458
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 21.539 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion: 106 Resp: 371447
Ion Ratio Lower Upper
106 100
91 198.4 149.5 277.7

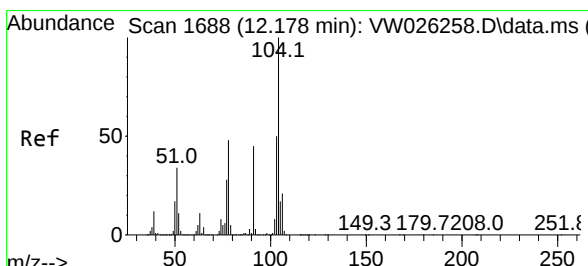
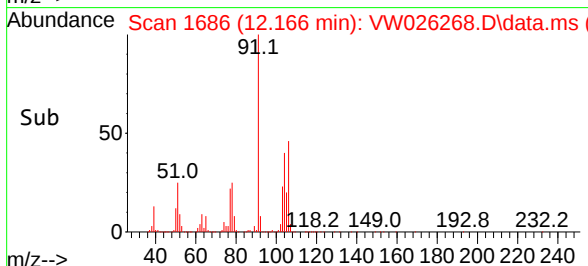
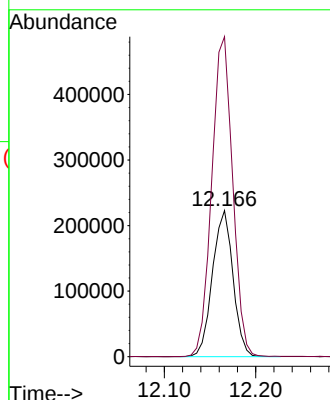
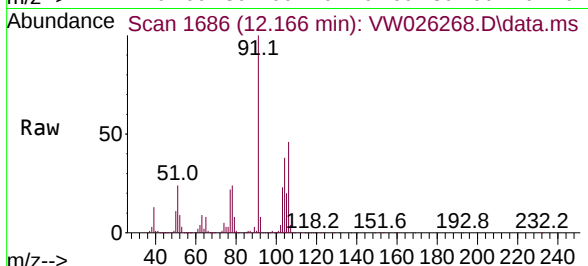




#54
o-Xylene
Concen: 21.349 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

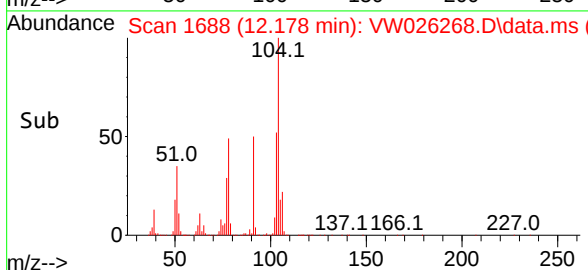
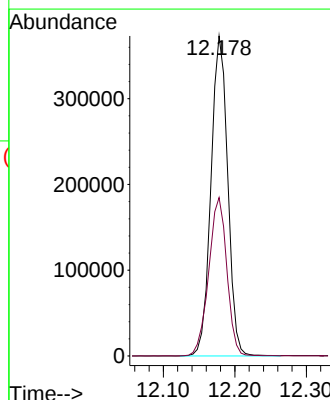
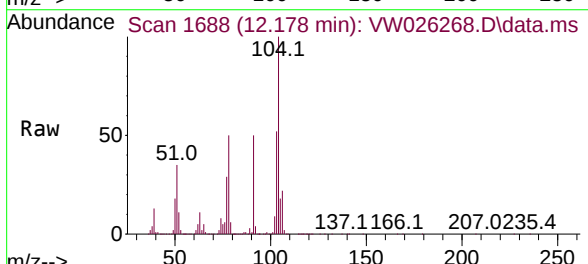
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

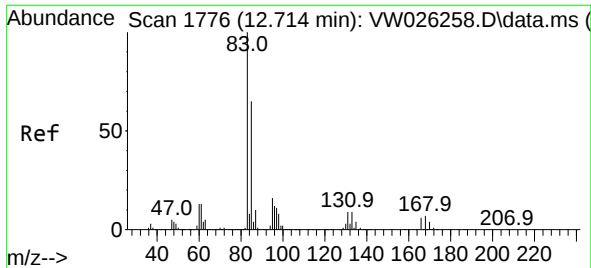
Tgt Ion:106 Resp: 347504
Ion Ratio Lower Upper
106 100
91 219.1 150.9 280.3



#55
Styrene
Concen: 21.731 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion:104 Resp: 606841
Ion Ratio Lower Upper
104 100
78 49.5 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.266 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

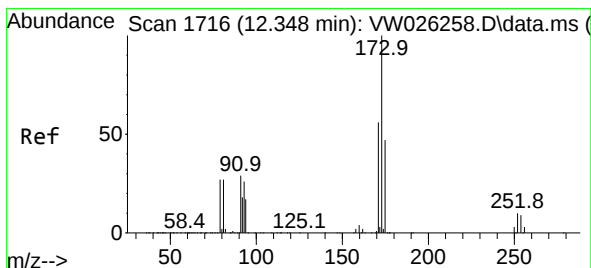
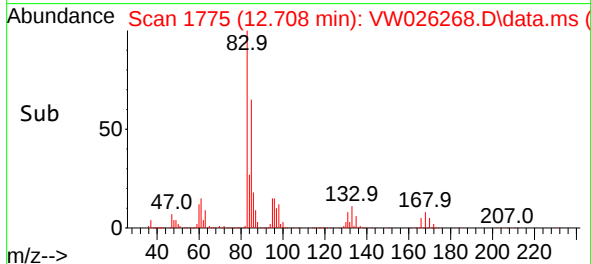
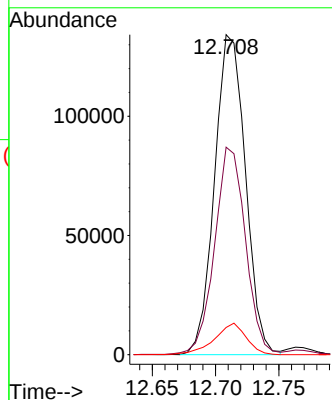
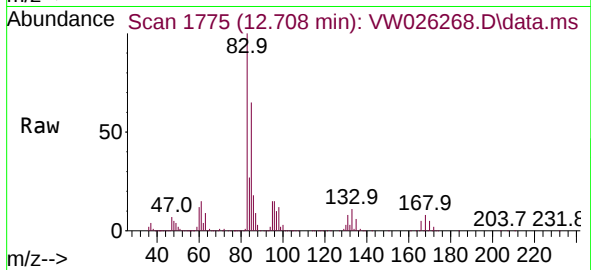
Tgt Ion: 83 Resp: 227988

Ion Ratio Lower Upper

83 100

85 64.8 42.6 79.0

131 8.5 7.2 10.8



#59

Bromoform

Concen: 23.639 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

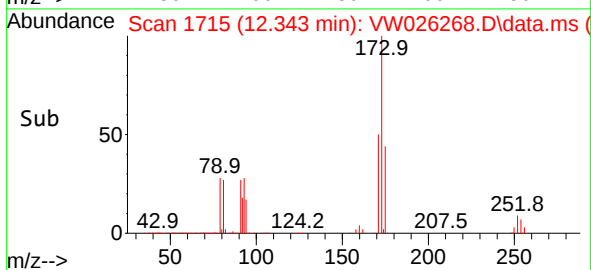
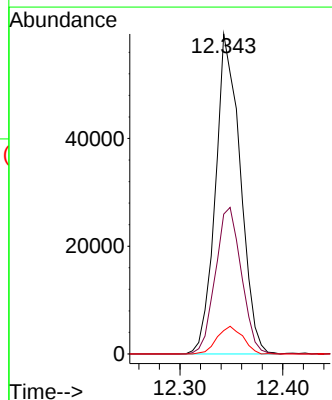
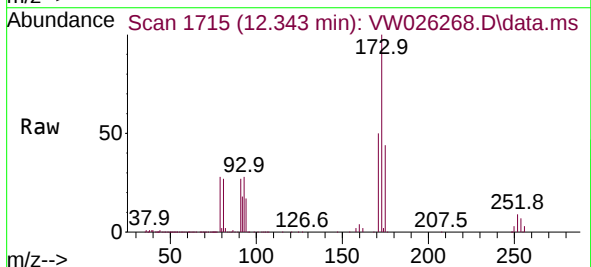
Tgt Ion:173 Resp: 99597

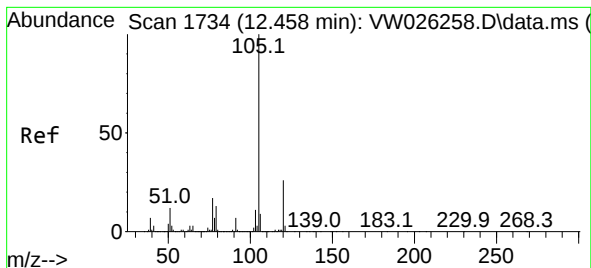
Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 22.115 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

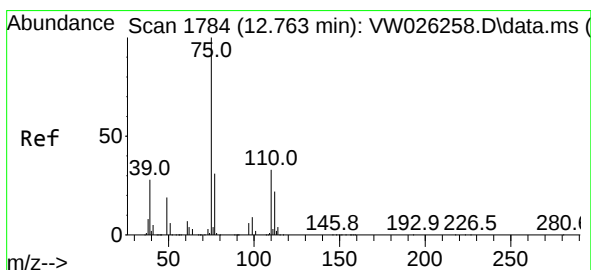
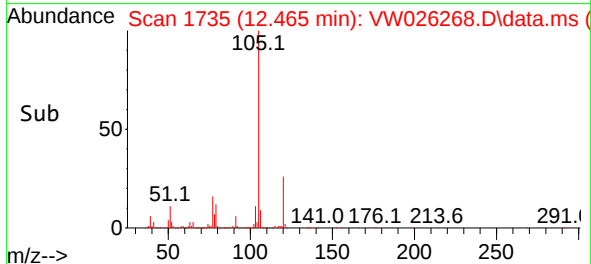
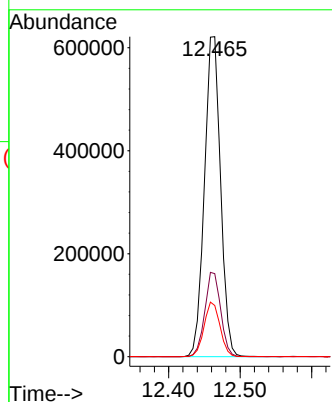
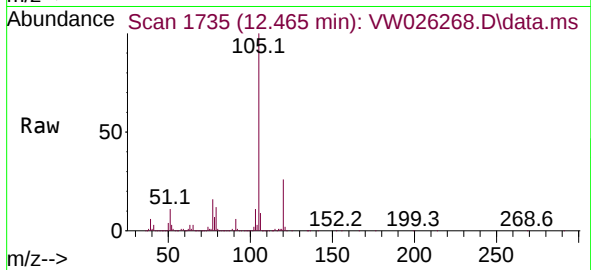
Tgt Ion:105 Resp: 974557

Ion Ratio Lower Upper

105 100

120 26.0 19.8 29.8

77 16.8 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 26.719 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

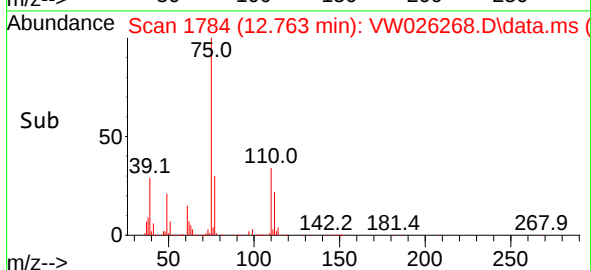
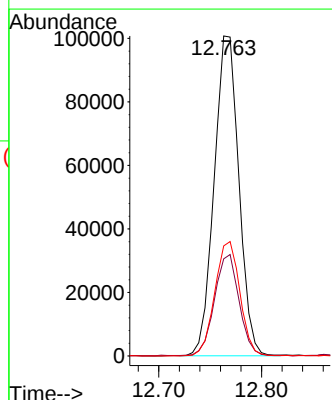
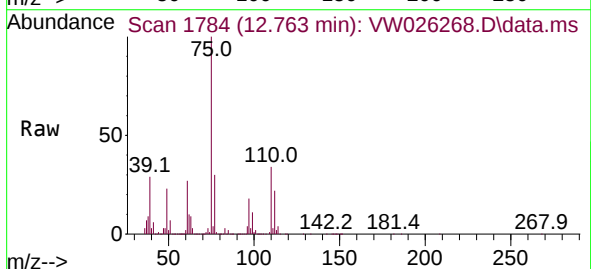
Tgt Ion: 75 Resp: 167889

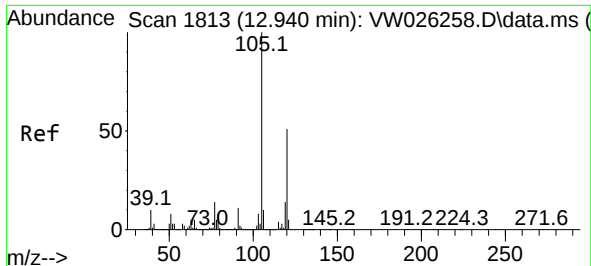
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

110 36.3 28.7 43.1

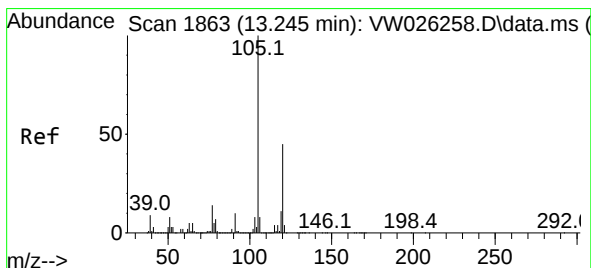
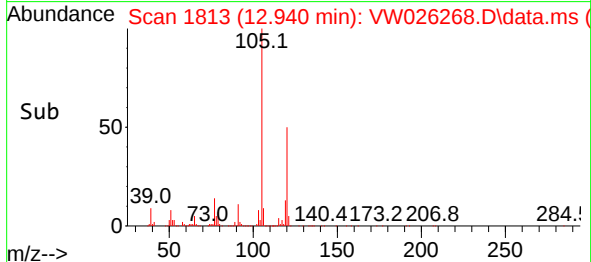
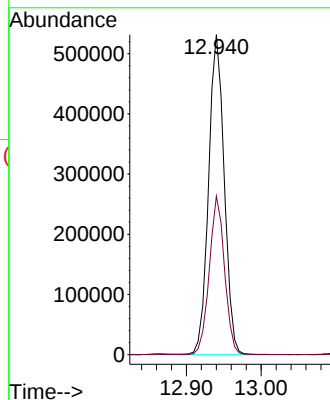
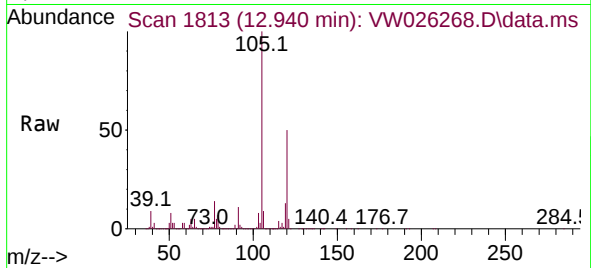




#62
1,3,5-Trimethylbenzene
Concen: 22.031 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

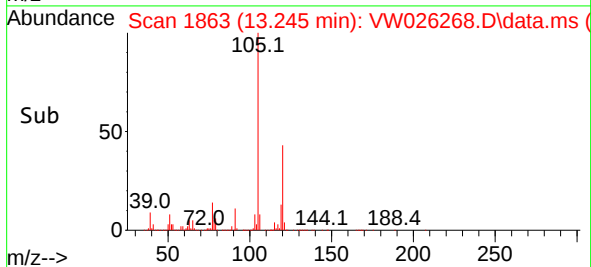
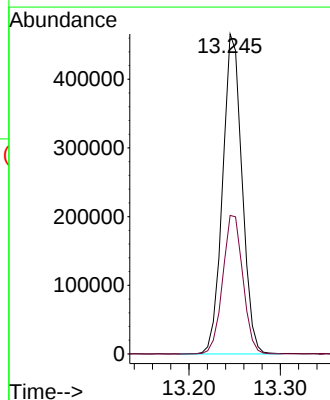
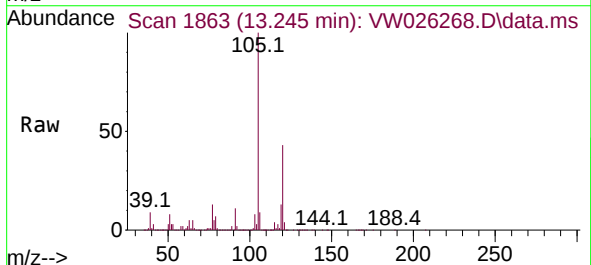
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

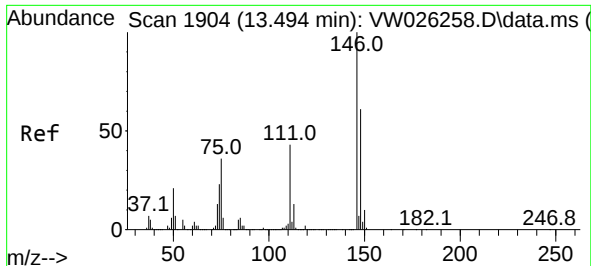
Tgt Ion:105 Resp: 771781
Ion Ratio Lower Upper
105 100
120 48.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 21.479 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion:105 Resp: 689146
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2

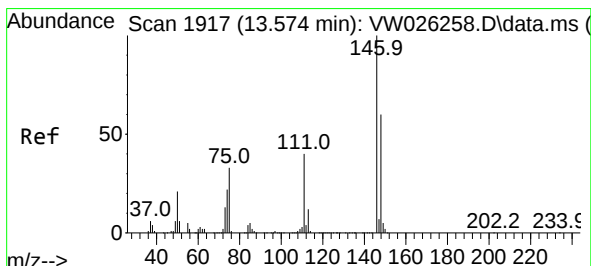
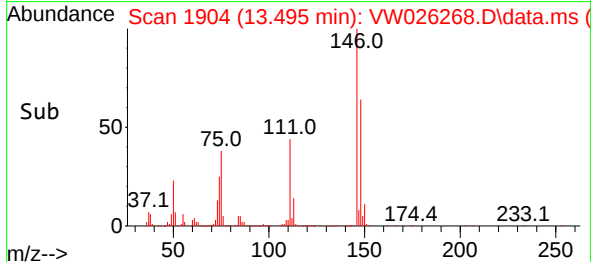
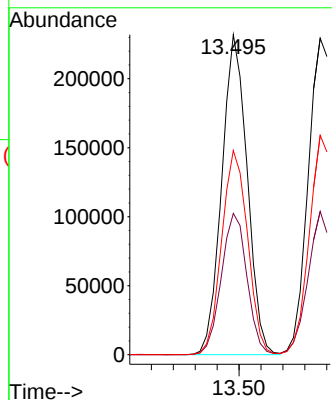
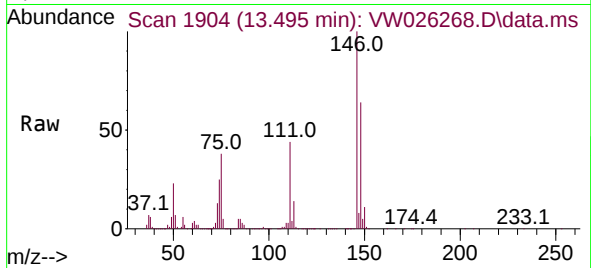




#64
1,3-Dichlorobenzene
Concen: 20.162 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

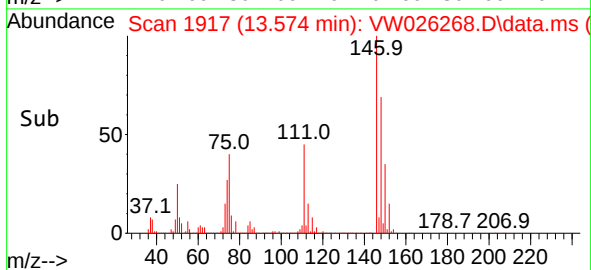
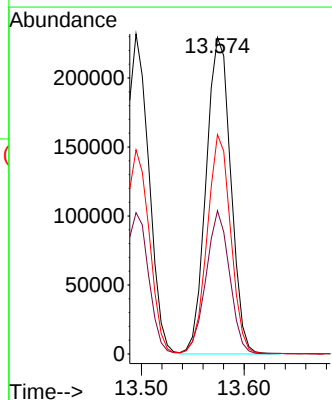
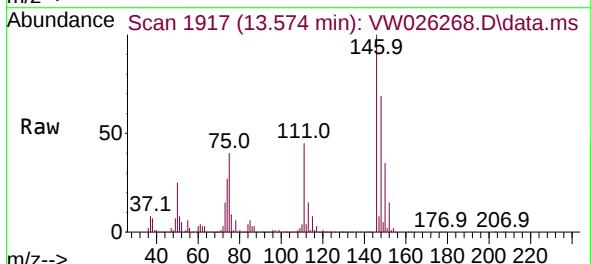
Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

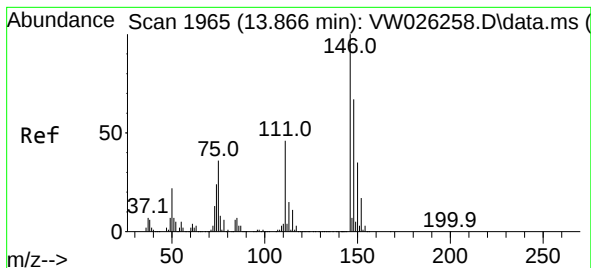
Tgt Ion:146 Resp: 373566
Ion Ratio Lower Upper
146 100
111 44.2 29.7 55.1
148 63.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.476 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026268.D
Acq: 20 Jun 2023 14:32

Tgt Ion:146 Resp: 381962
Ion Ratio Lower Upper
146 100
111 45.2 29.2 54.2
148 69.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 20.719 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

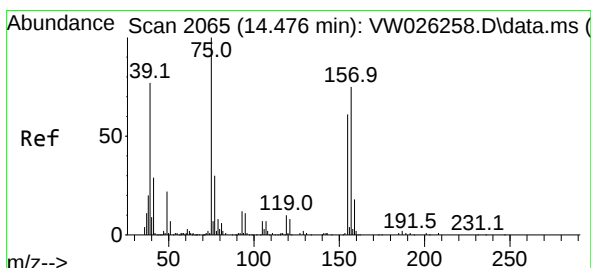
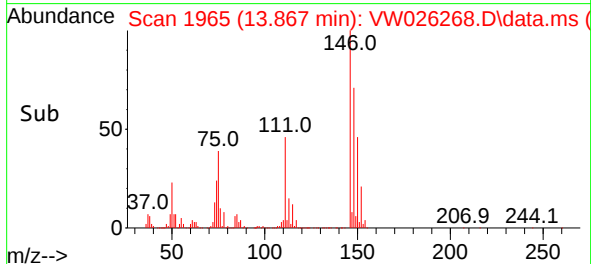
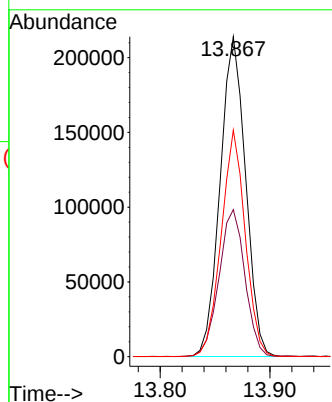
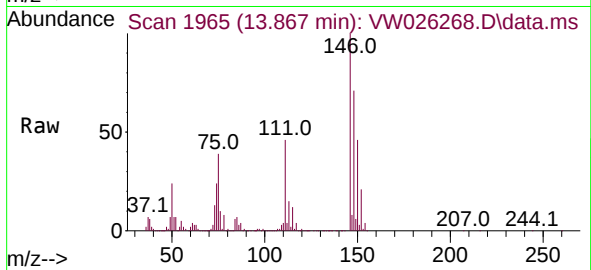
Tgt Ion:146 Resp: 344734

Ion Ratio Lower Upper

146 100

111 45.9 35.4 53.0

148 70.8 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.602 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

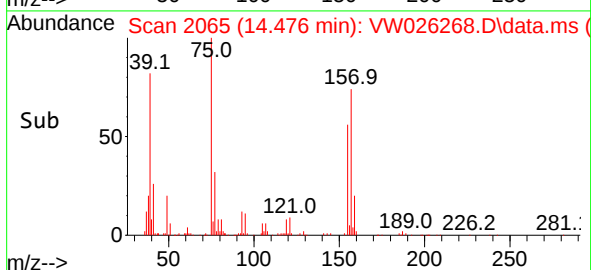
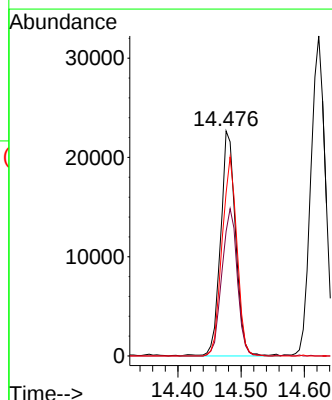
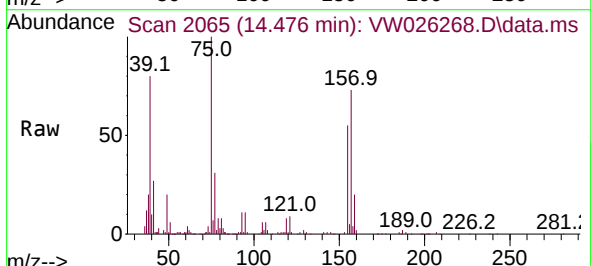
Tgt Ion: 75 Resp: 37271

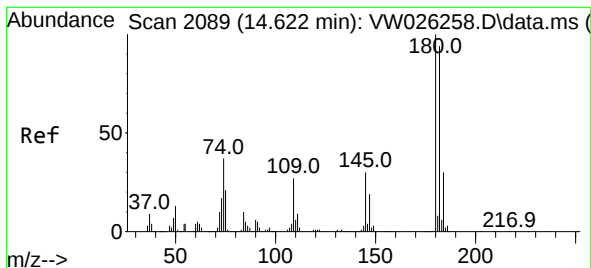
Ion Ratio Lower Upper

75 100

155 55.4 59.0 88.6#

157 72.5 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 19.475 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

Tgt Ion:180 Resp: 247871

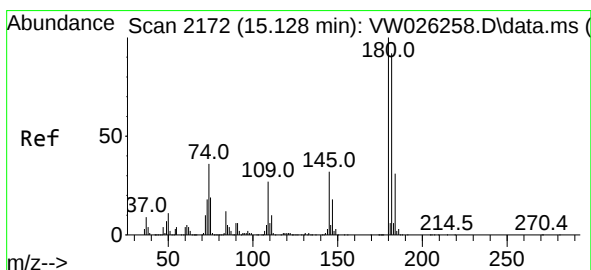
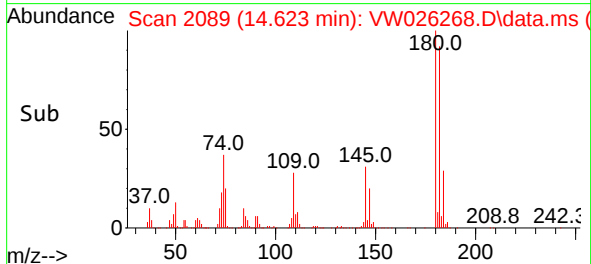
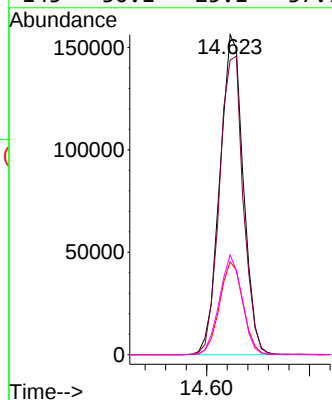
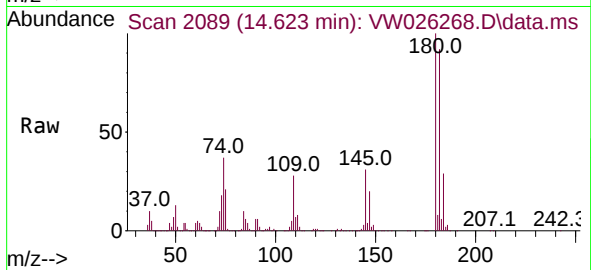
Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.4

184 28.8 23.7 35.5

145 30.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 17.334 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

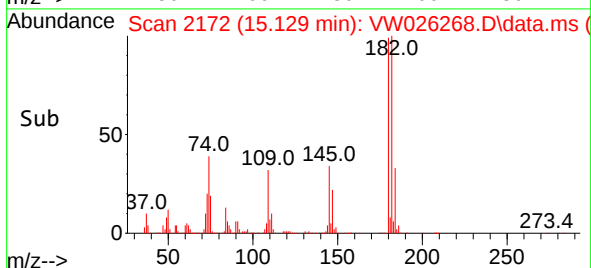
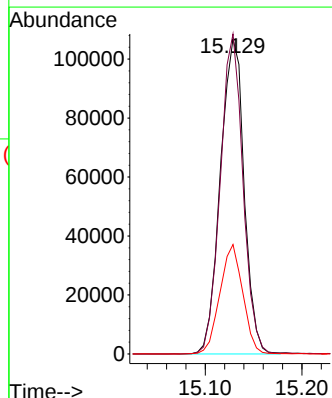
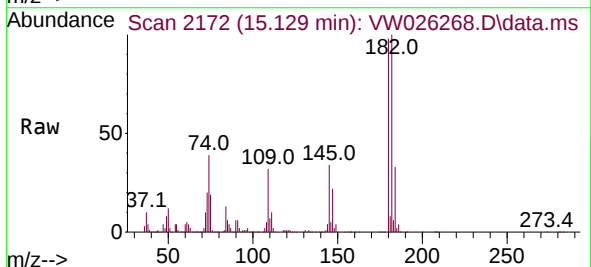
Tgt Ion:180 Resp: 182044

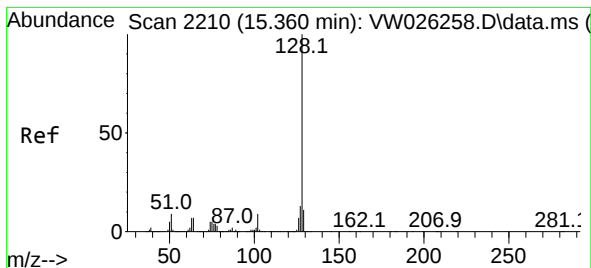
Ion Ratio Lower Upper

180 100

182 96.7 78.9 118.3

145 33.5 27.2 40.8





#71

Naphthalene

Concen: 21.611 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Instrument :

MSVOA_W

ClientSampleId :

YBW01MSD

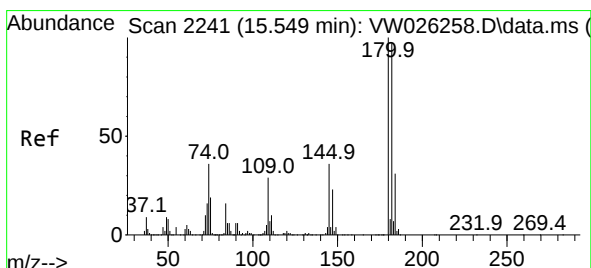
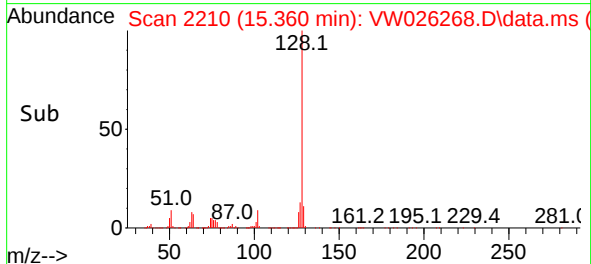
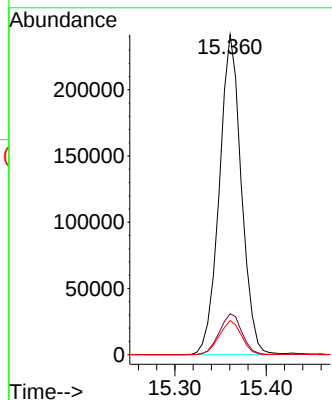
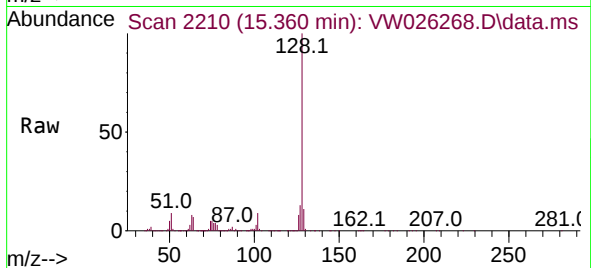
Tgt Ion:128 Resp: 404506

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 19.405 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026268.D

Acq: 20 Jun 2023 14:32

Tgt Ion:180 Resp: 178111

Ion Ratio Lower Upper

180 100

182 94.7 76.3 114.5

145 31.7 27.0 40.6

