

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
 Data File : VW026261.D
 Acq On : 20 Jun 2023 11:44
 Operator : SY/MD
 Sample : 03307-09MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 21 01:11:05 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	808601	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	707409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	355915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	201569	17.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.880%
7) Chloroethane-d5	2.893	69	186200	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
11) 1,1-Dichloroethene-d2	4.021	65	106450	18.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.920%
21) 2-Butanone-d5	7.075	46	190129	57.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.820%
24) Chloroform-d	7.648	84	512803	21.657	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	8.307	65	280131	21.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.560%
32) Benzene-d6	8.276	84	966464	20.304	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	9.276	67	331306	21.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	10.325	98	825554	19.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.240%
43) trans-1,3-Dichloroprop...	10.575	79	117946	19.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.960%
47) 2-Hexanone-d5	10.922	63	128264	53.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278573	25.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	261820	19.219	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	196485	19.822	ug/L	90
3) Chloromethane	2.223	50	284217	22.362	ug/L	97
5) Vinyl chloride	2.375	62	317405	23.363	ug/L	98
6) Bromomethane	2.783	94	165800	22.386	ug/L	99
8) Chloroethane	2.930	64	187535	25.544	ug/L	99
9) Trichlorofluoromethane	3.265	101	232265	26.574	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	242627	21.999	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	456242	44.316	ug/L #	72
13) Acetone	4.119	43	174460	68.081	ug/L	98
14) Carbon disulfide	4.387	76	692899	19.065	ug/L	99
15) Methyl Acetate	4.667	43	138803	24.134	ug/L	100
16) Methylene chloride	4.917	84	263420	20.411	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	245098	21.219	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	423264	23.250	ug/L	99
19) 1,1-Dichloroethane	6.216	63	546155	23.225	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	289914	23.695	ug/L	98
22) 2-Butanone	7.167	43	213105	58.298	ug/L	99
23) Bromochloromethane	7.514	128	115680	22.169	ug/L	89
25) Chloroform	7.679	83	502773	22.955	ug/L	98

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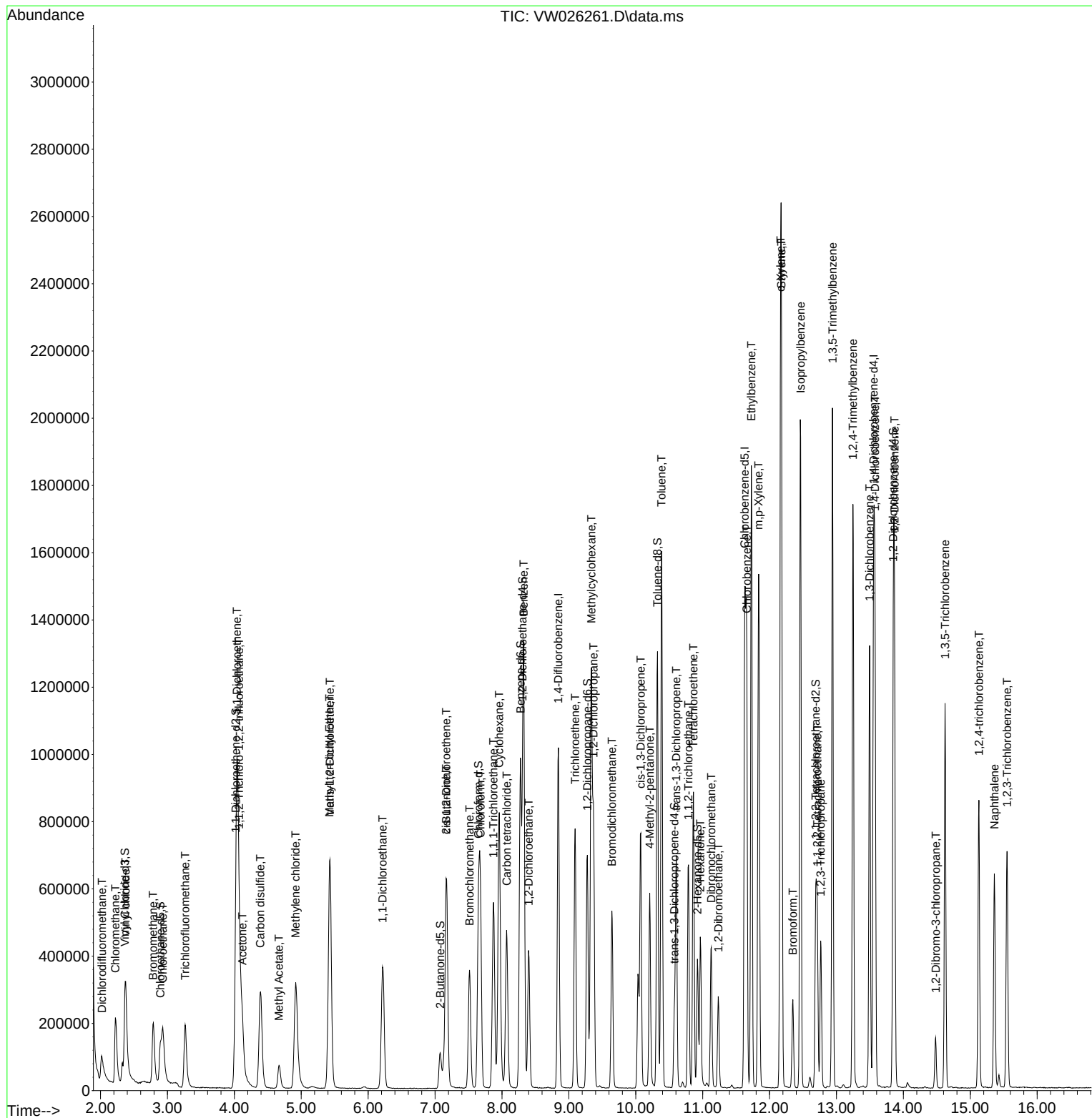
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	371093	24.566	ug/L	97
29) Cyclohexane	7.959	56	477448	21.861	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	442187	25.758	ug/L	100
31) Carbon tetrachloride	8.069	117	347248	22.166	ug/L	100
33) Benzene	8.325	78	1105400	22.811	ug/L	100
34) Trichloroethene	9.093	95	269736	21.738	ug/L	96
35) Methylcyclohexane	9.337	83	471542	21.476	ug/L	100
37) 1,2-Dichloropropane	9.368	63	308972	23.540	ug/L	99
38) Bromodichloromethane	9.642	83	348685	22.866	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	445199	23.081	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	402487	52.012	ug/L	100
42) Toluene	10.386	91	1121599	22.629	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	367219	22.852	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	203683	23.546	ug/L	98
46) Tetrachloroethene	10.861	164	189003	21.534	ug/L	91
48) 2-Hexanone	10.965	43	295215	54.105	ug/L	98
49) Dibromochloromethane	11.130	129	213413	23.530	ug/L	92
50) 1,2-Dibromoethane	11.233	107	180560	22.543	ug/L	97
51) Chlorobenzene	11.660	112	675406	21.745	ug/L	96
52) Ethylbenzene	11.727	91	1262306	22.576	ug/L	99
53) m,p-Xylene	11.837	106	465317	22.371	ug/L	97
54) o-Xylene	12.166	106	440512	22.438	ug/L	98
55) Styrene	12.178	104	761725	22.616	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	250805	23.957	ug/L	97
59) Bromoform	12.349	173	114305	21.382	ug/L	100
60) Isopropylbenzene	12.465	105	1244525	22.259	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	185311	23.244	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	978822	22.022	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	905153	22.235	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	482037	20.505	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	492360	20.803	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	447202	21.184	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	40197	21.762	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	314942	19.503	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	245497	18.423	ug/L	95
71) Naphthalene	15.360	128	504093	21.226	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	216704	18.608	ug/L	99

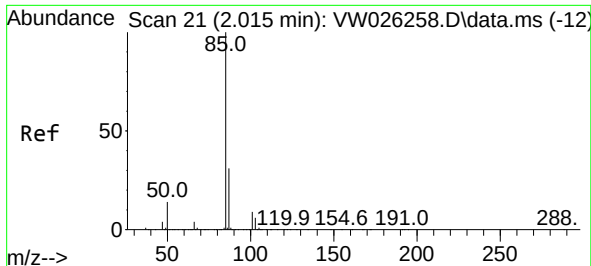
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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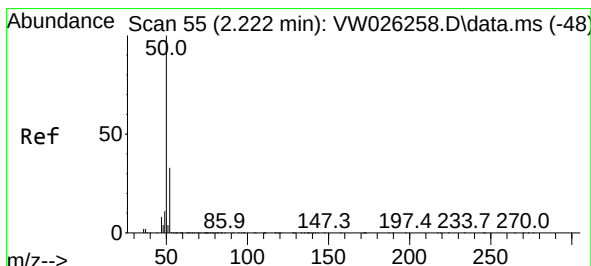
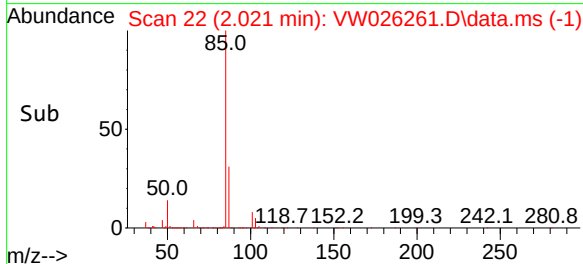
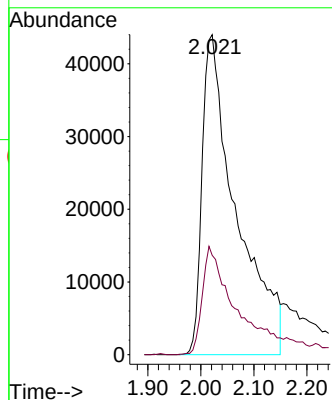
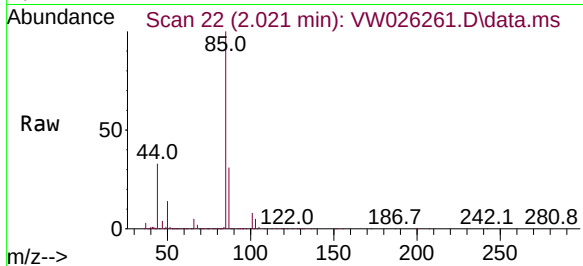




#2
 Dichlorodifluoromethane
 Concen: 19.822 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VW026261.D
 Acq: 20 Jun 2023 11:44

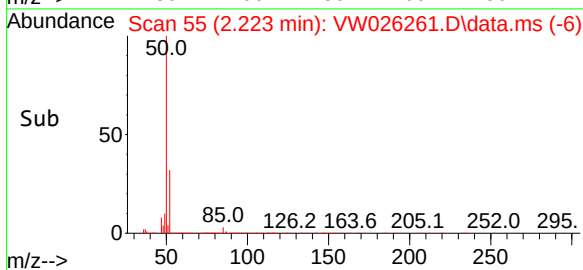
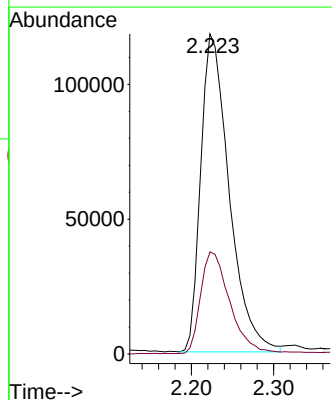
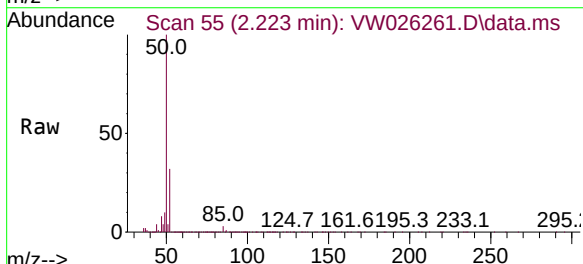
Instrument :
 MSVOA_W
 ClientSampleId :
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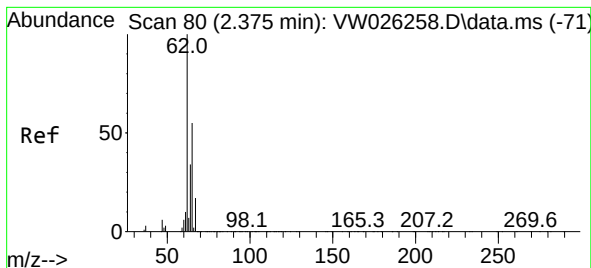
Tgt Ion: 85 Resp: 196485
 Ion Ratio Lower Upper
 85 100
 87 33.1 22.2 33.2



#3
 Chloromethane
 Concen: 22.362 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026261.D
 Acq: 20 Jun 2023 11:44

Tgt Ion: 50 Resp: 284217
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.3 39.6





#5

Vinyl chloride

Concen: 23.363 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

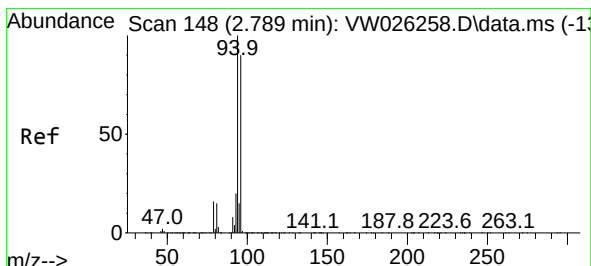
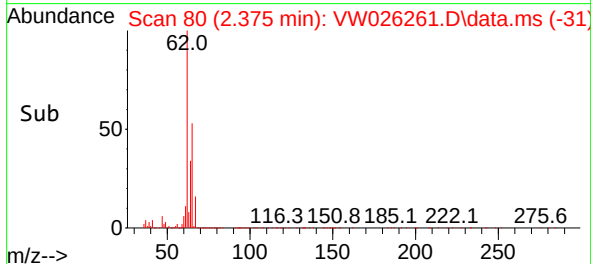
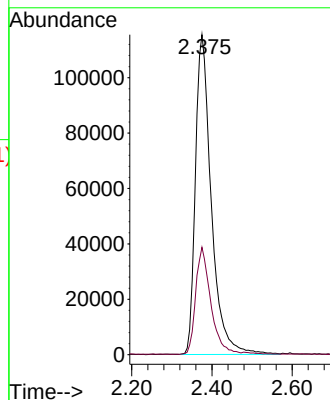
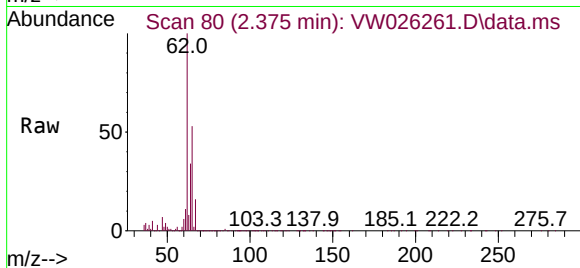
YBW10MSD

Tgt Ion: 62 Resp: 317405

Ion Ratio Lower Upper

62 100

64 33.5 22.7 42.1



#6

Bromomethane

Concen: 22.386 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW026261.D

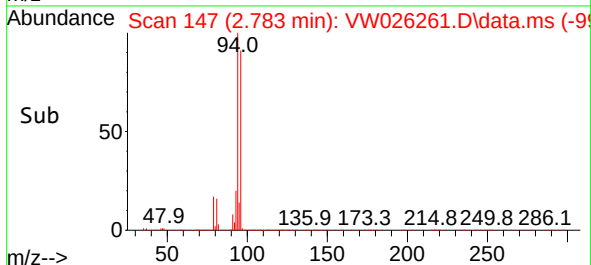
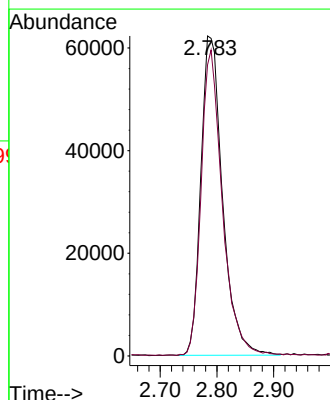
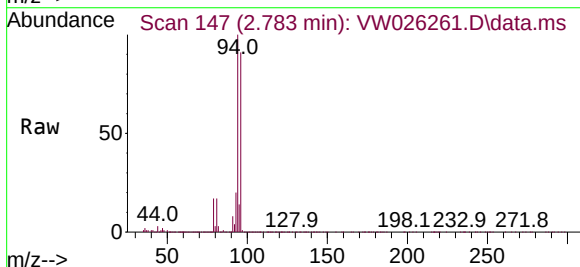
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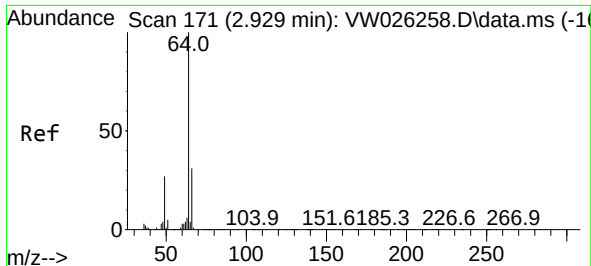
Tgt Ion: 94 Resp: 165800

Ion Ratio Lower Upper

94 100

96 91.0 64.2 119.2

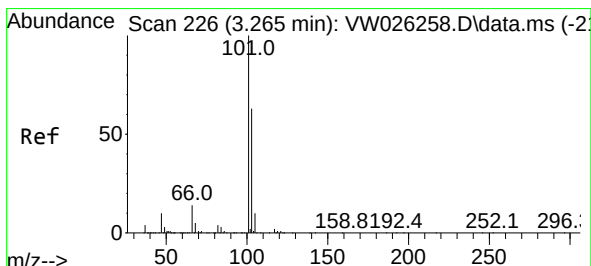
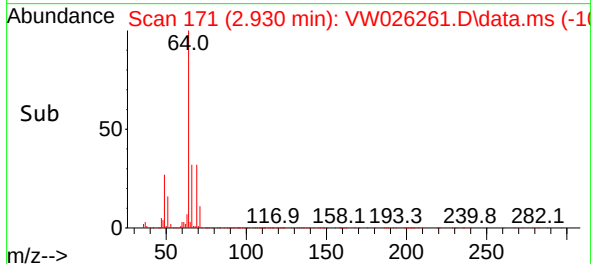
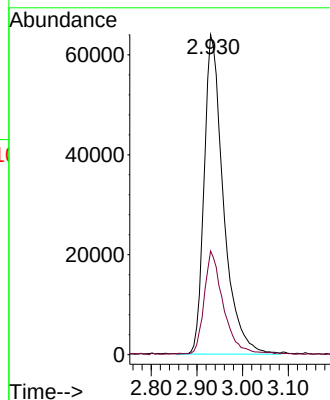
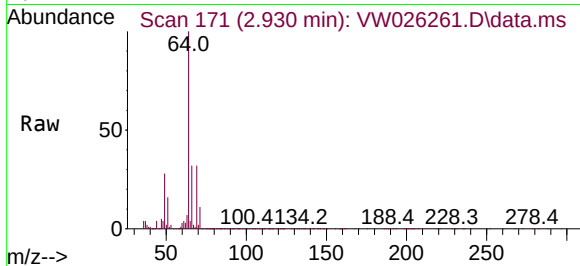




#8
Chloroethane
Concen: 25.544 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

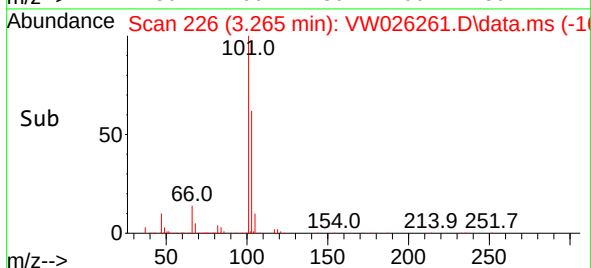
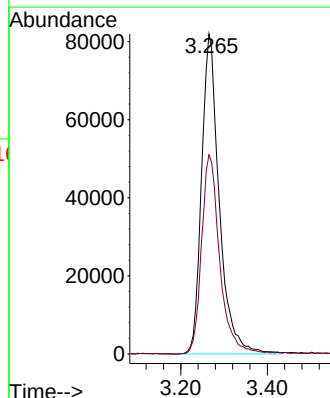
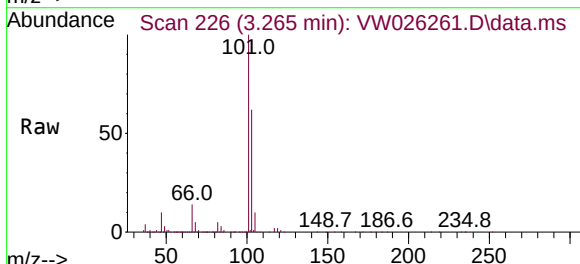
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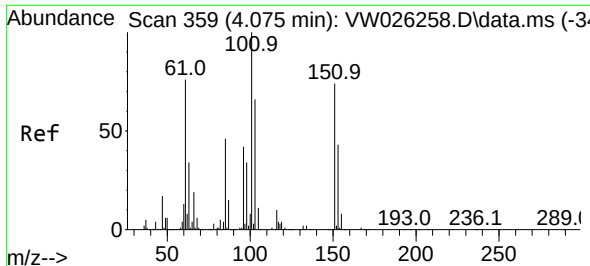
Tgt Ion: 64 Resp: 187535
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 26.574 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 101 Resp: 232265
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

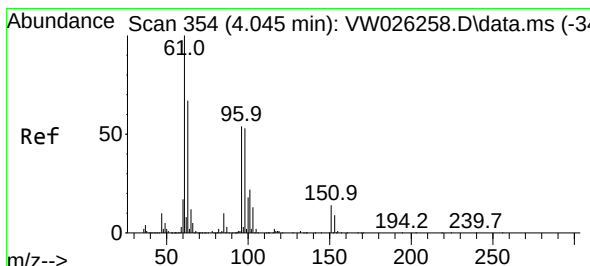
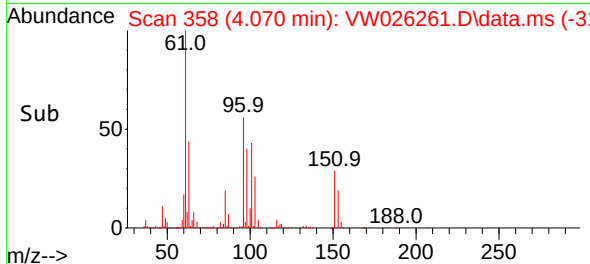
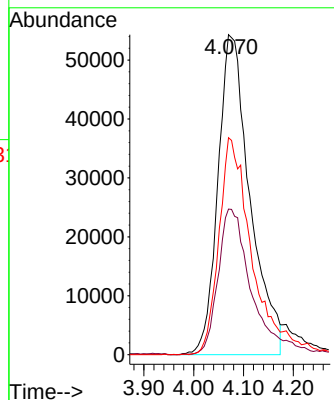
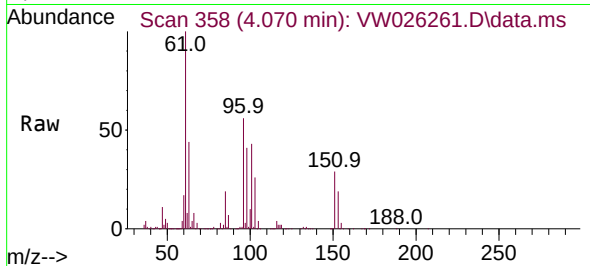




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.999 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW026261.D
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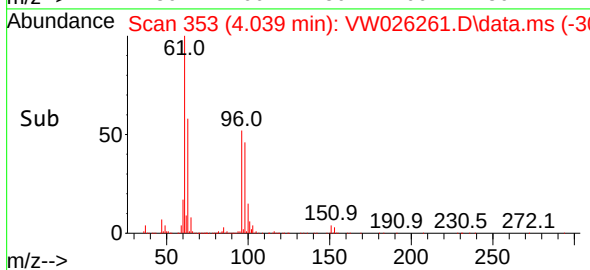
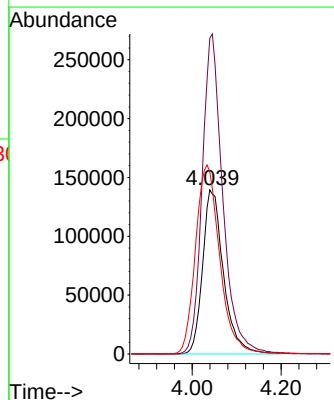
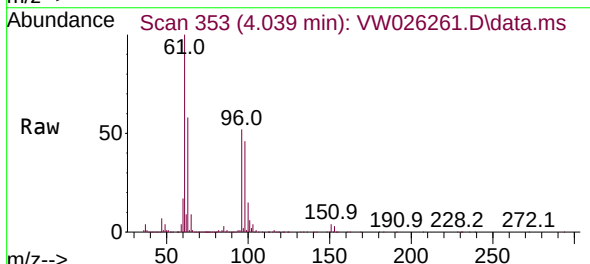
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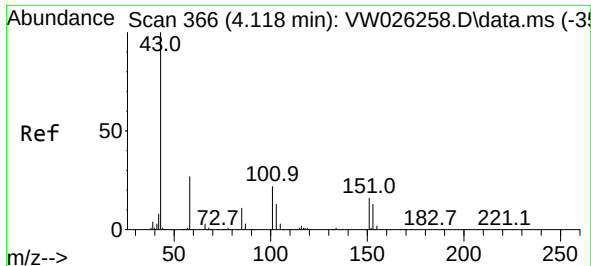
Tgt Ion:101 Resp: 242627
Ion Ratio Lower Upper
101 100
85 47.1 36.1 54.1
151 38.9 55.1 82.7#



#12
1,1-Dichloroethene
Concen: 44.316 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 96 Resp: 456242
Ion Ratio Lower Upper
96 100
61 192.7 140.6 261.0
63 111.2 131.7 244.5#

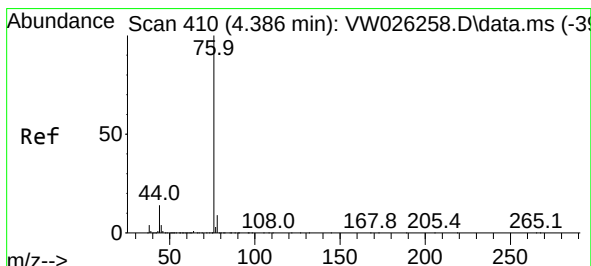
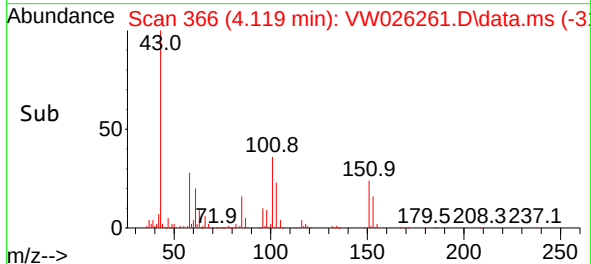
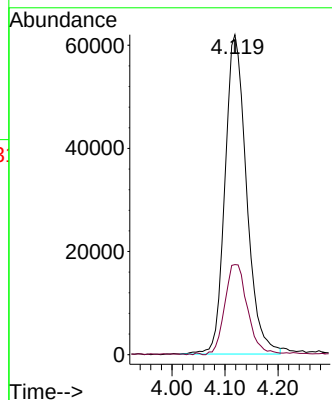
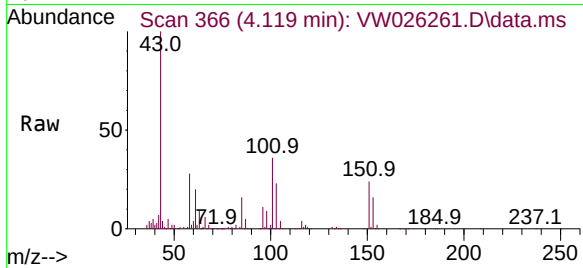




#13
Acetone
Concen: 68.081 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

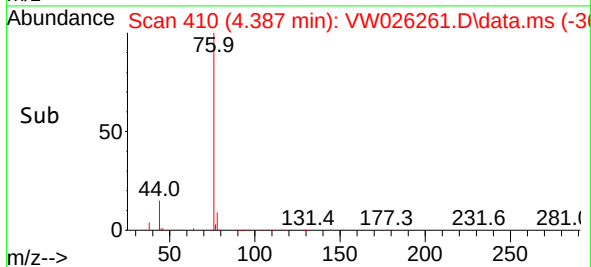
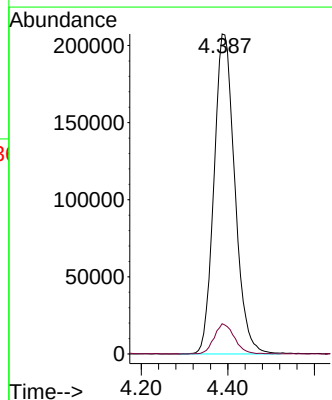
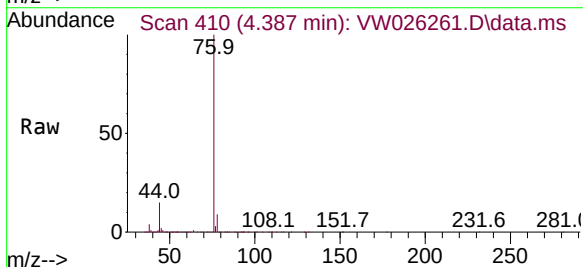
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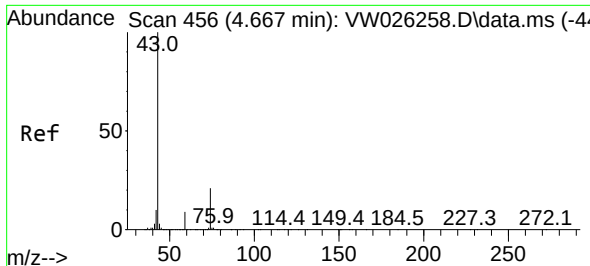
Tgt Ion: 43 Resp: 174460
Ion Ratio Lower Upper
43 100
58 29.9 0.0 58.2



#14
Carbon disulfide
Concen: 19.065 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 692899
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

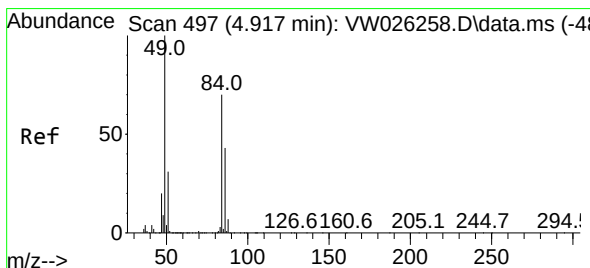
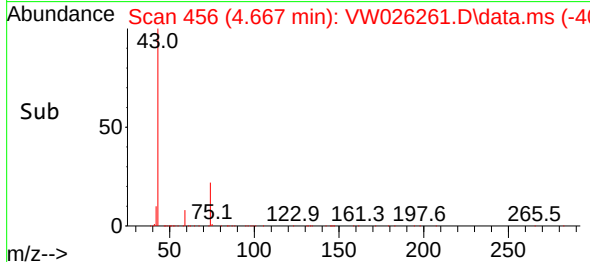
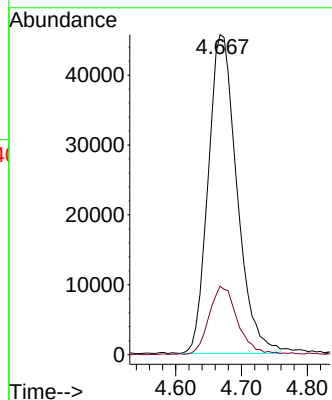
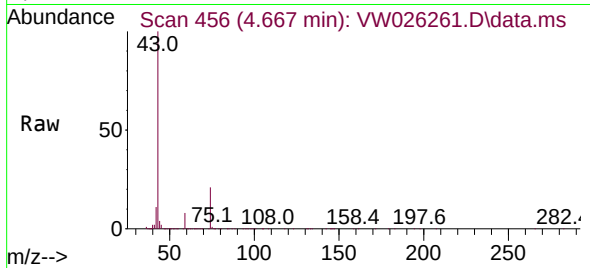




#15
Methyl Acetate
Concen: 24.134 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

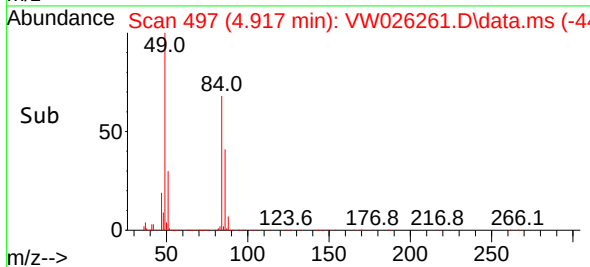
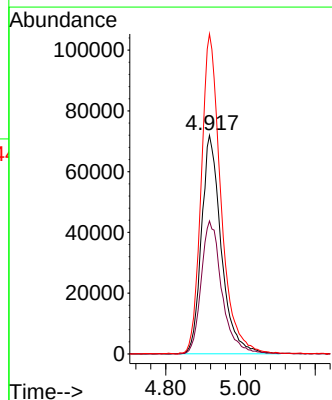
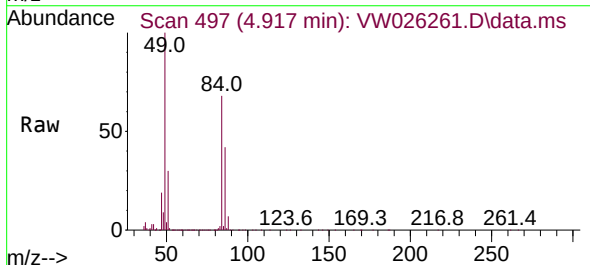
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

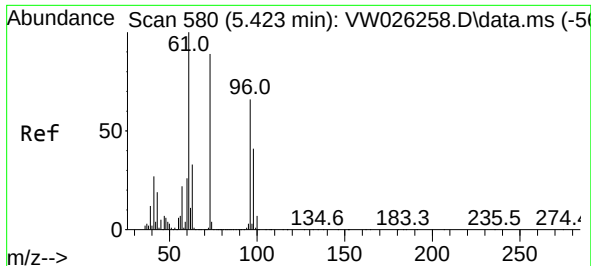
Tgt Ion: 43 Resp: 138803
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0



#16
Methylene chloride
Concen: 20.411 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 84 Resp: 263420
Ion Ratio Lower Upper
84 100
86 60.8 44.2 82.0
49 146.4 98.8 183.6

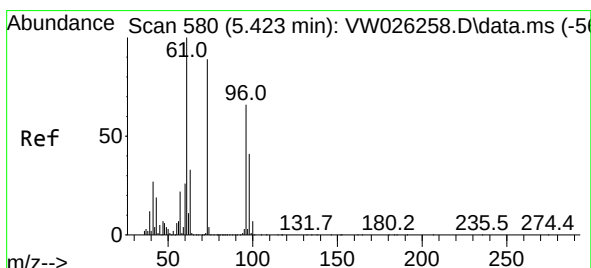
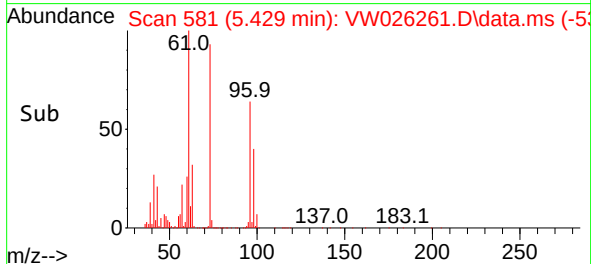
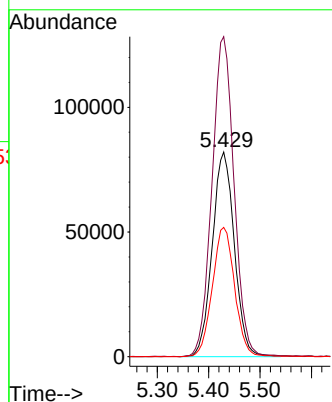
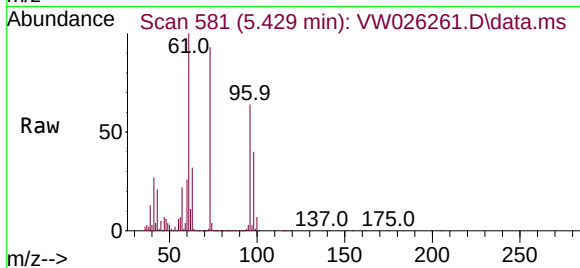




#17
trans-1,2-Dichloroethene
Concen: 21.219 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

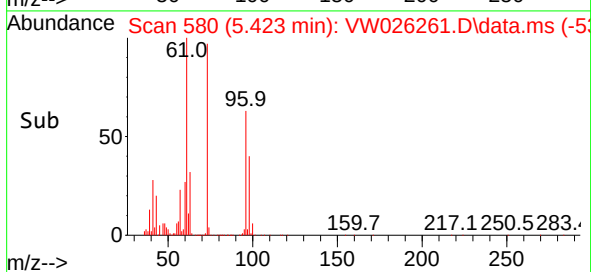
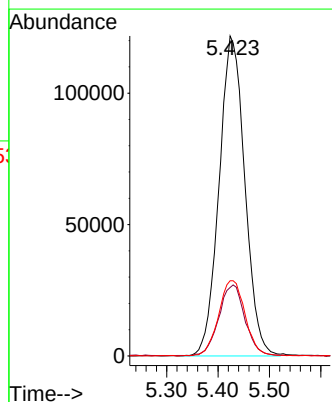
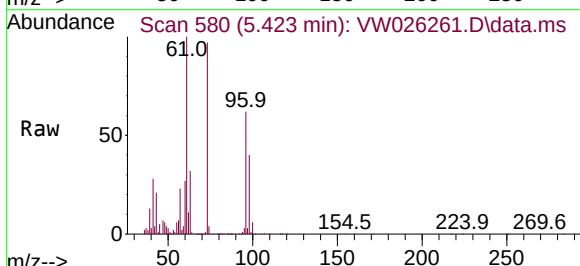
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

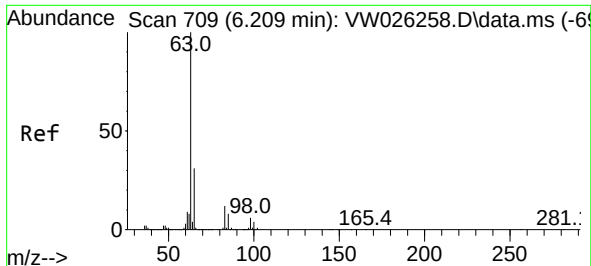
Tgt Ion: 96 Resp: 245098
Ion Ratio Lower Upper
96 100
61 156.4 113.0 209.8
98 63.2 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 23.250 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 73 Resp: 423264
Ion Ratio Lower Upper
73 100
43 22.4 17.8 26.6
57 24.4 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.225 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.007 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

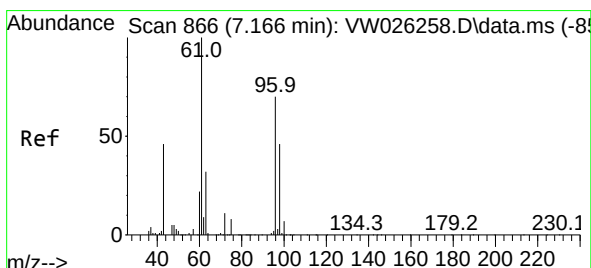
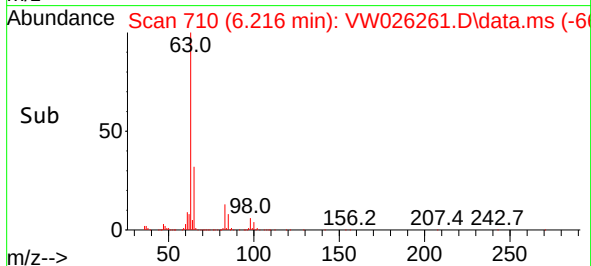
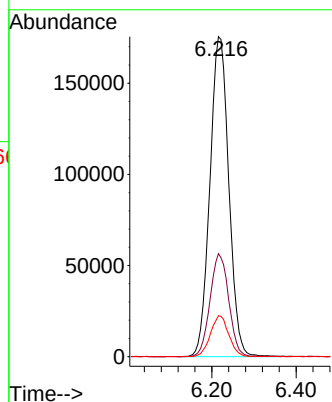
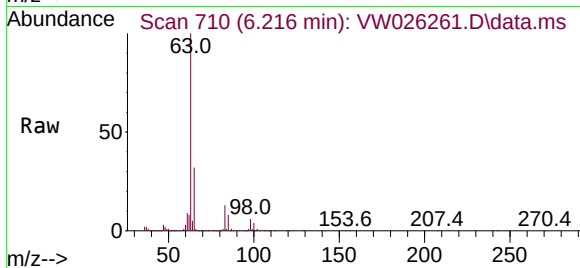
Tgt Ion: 63 Resp: 546155

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 23.695 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

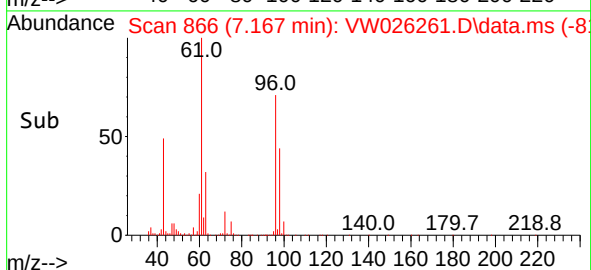
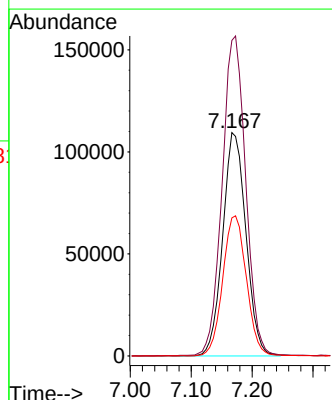
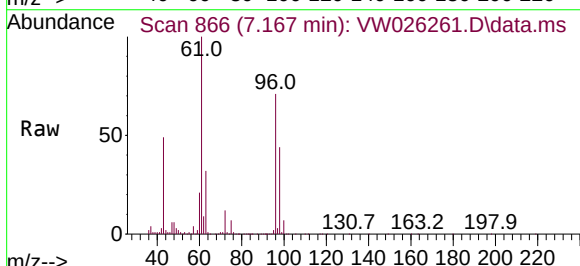
Tgt Ion: 96 Resp: 289914

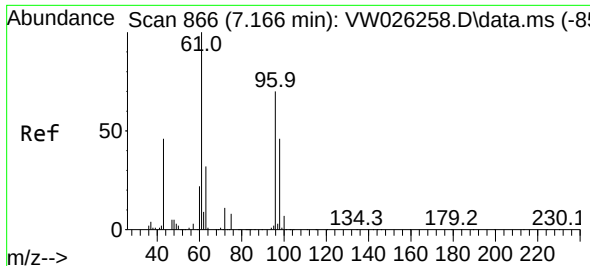
Ion Ratio Lower Upper

96 100

61 141.3 98.4 182.8

98 61.8 45.2 84.0

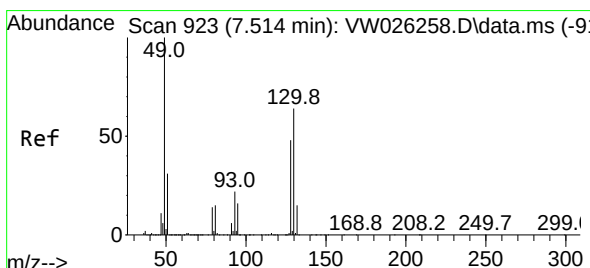
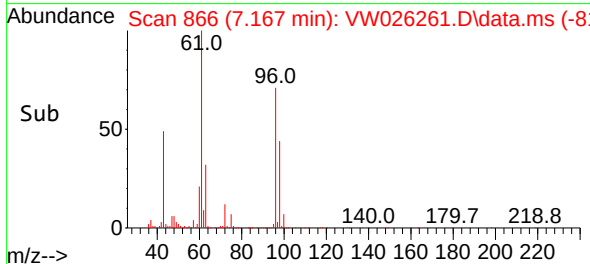
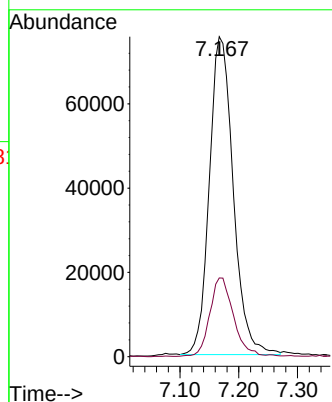
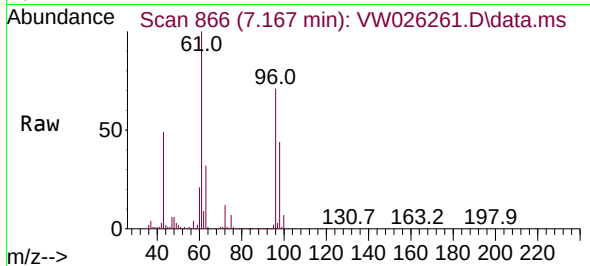




#22
2-Butanone
Concen: 58.298 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

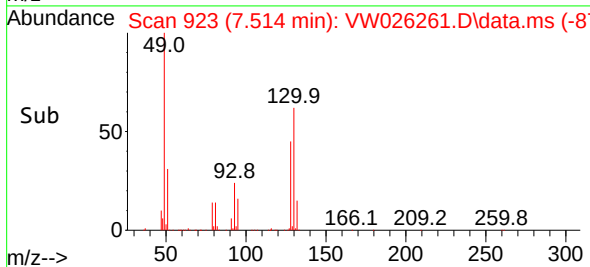
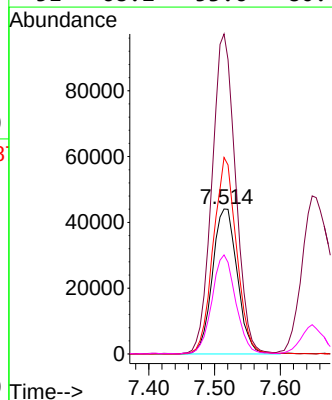
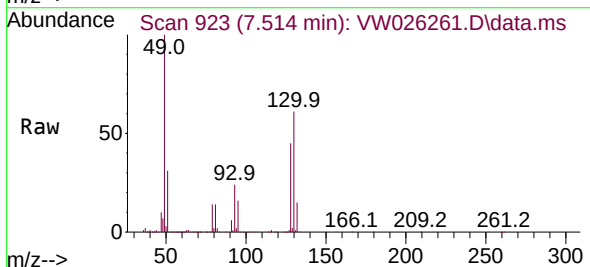
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

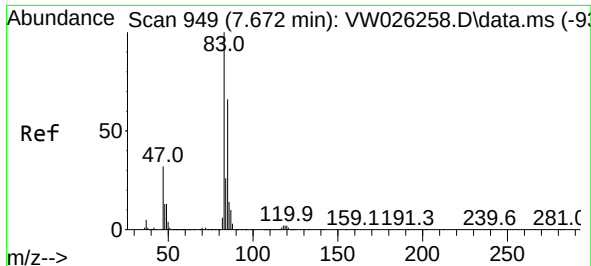
Tgt Ion: 43 Resp: 213105
Ion Ratio Lower Upper
43 100
72 24.4 12.4 37.4



#23
Bromochloromethane
Concen: 22.169 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 128 Resp: 115680
Ion Ratio Lower Upper
128 100
49 220.6 140.6 261.0
130 135.5 86.0 159.6
51 68.2 53.6 80.4

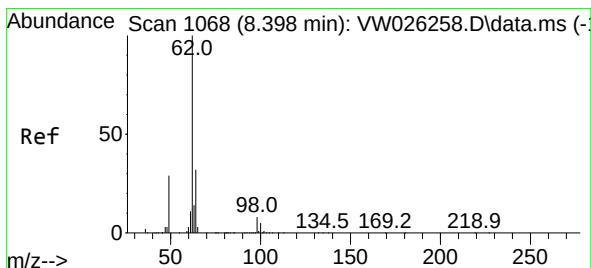
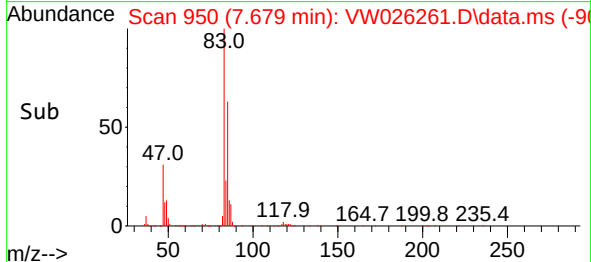
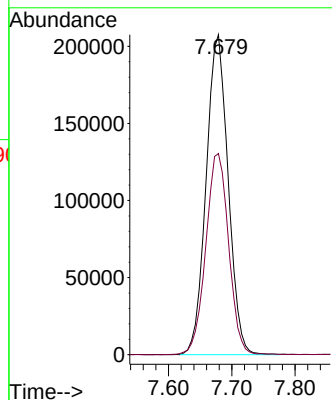
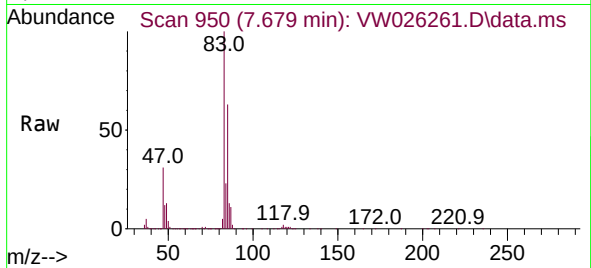




#25
Chloroform
Concen: 22.955 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

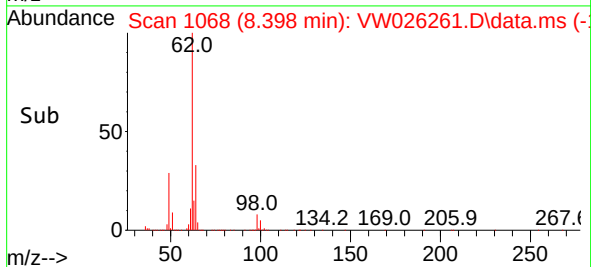
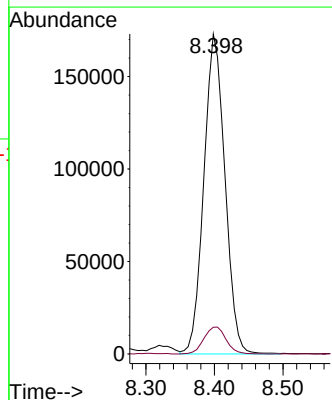
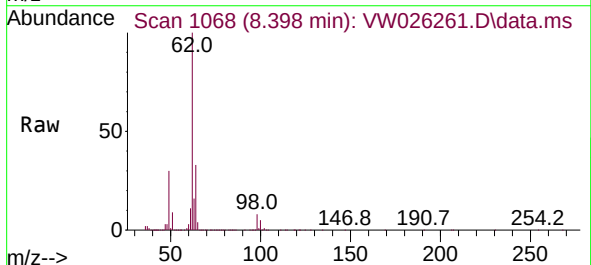
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

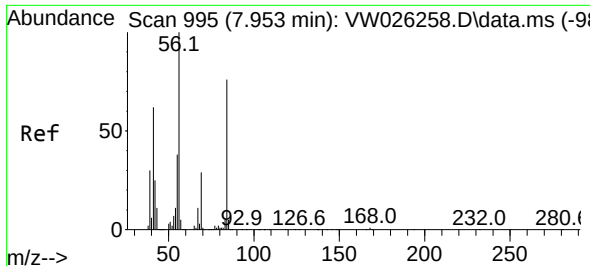
Tgt Ion: 83 Resp: 502773
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.566 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 62 Resp: 371093
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.2

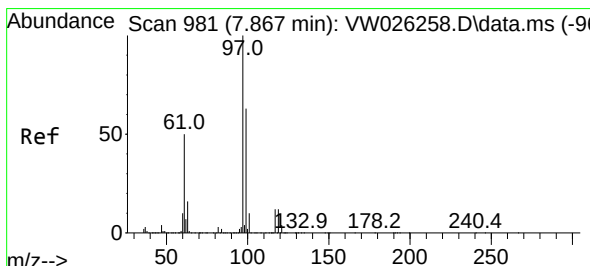
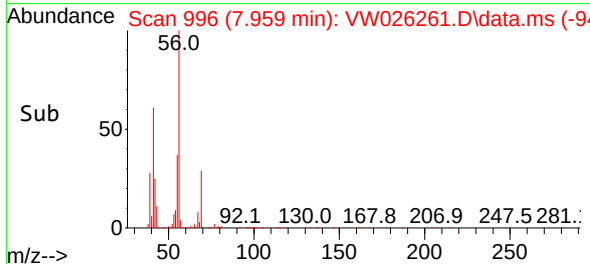
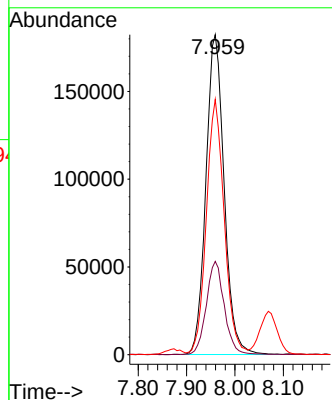
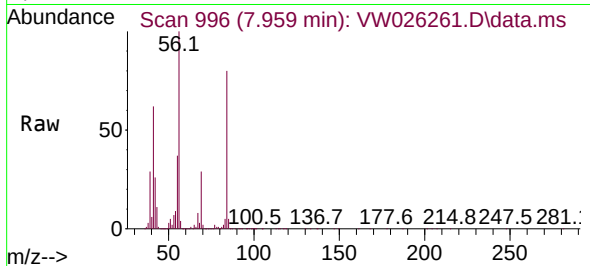




#29
Cyclohexane
Concen: 21.861 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

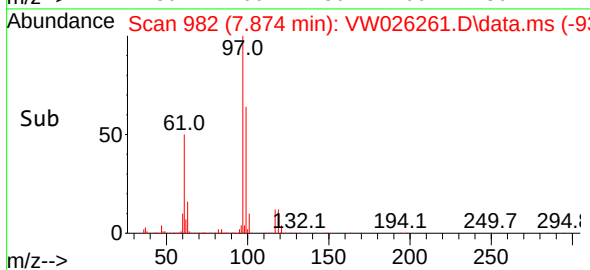
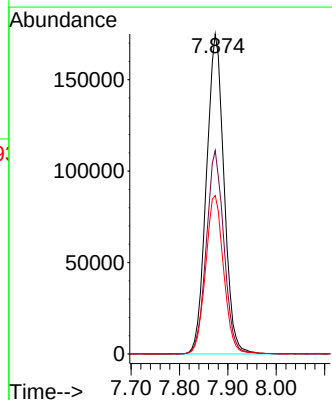
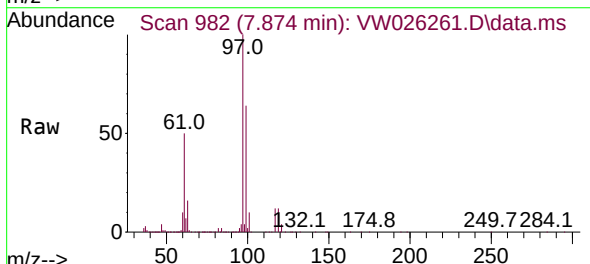
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

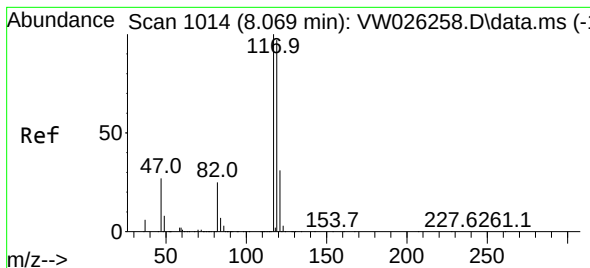
Tgt Ion: 56 Resp: 477448
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.2 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 25.758 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 97 Resp: 442187
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 50.6 40.5 60.7

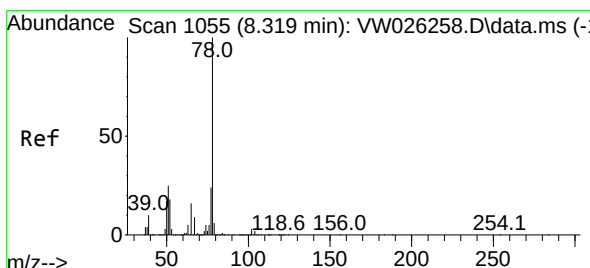
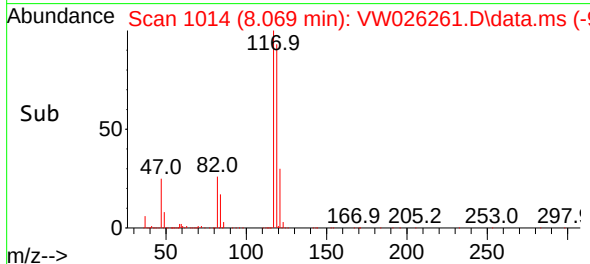
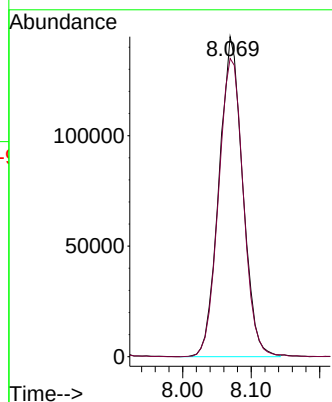
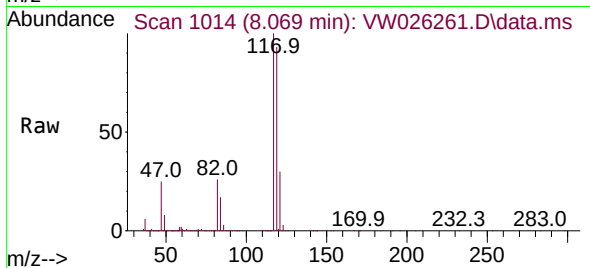




#31
Carbon tetrachloride
Concen: 22.166 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

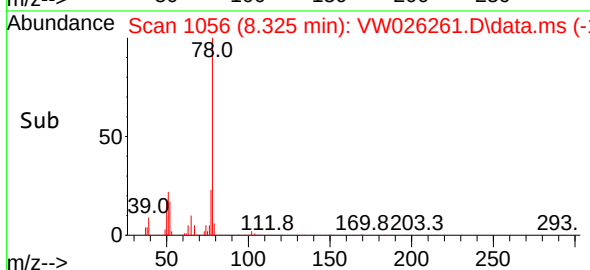
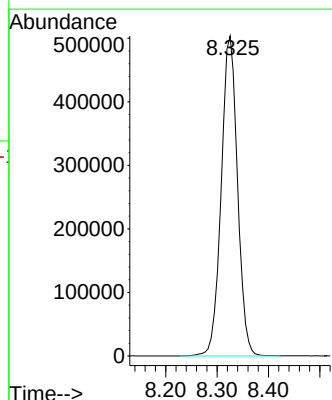
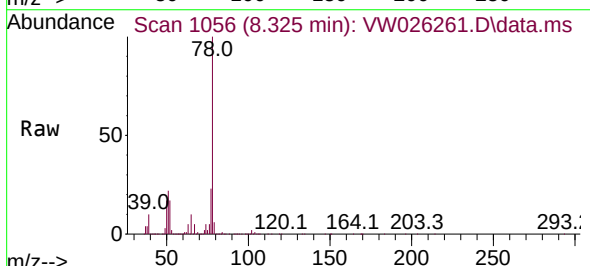
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

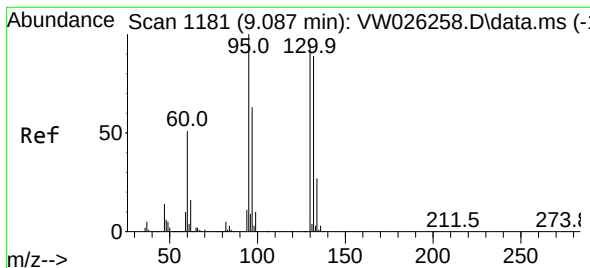
Tgt Ion:117 Resp: 347248
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2



#33
Benzene
Concen: 22.811 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 78 Resp: 1105400





#34

Trichloroethene

Concen: 21.738 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.007 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion: 95 Resp: 269736

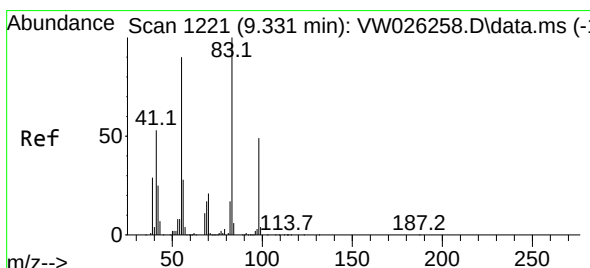
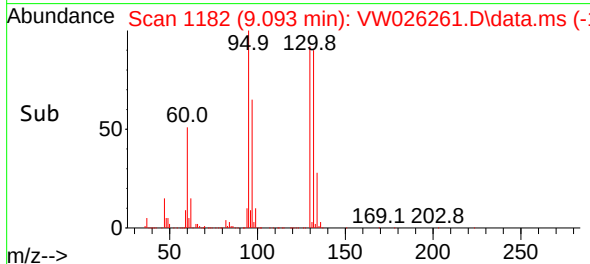
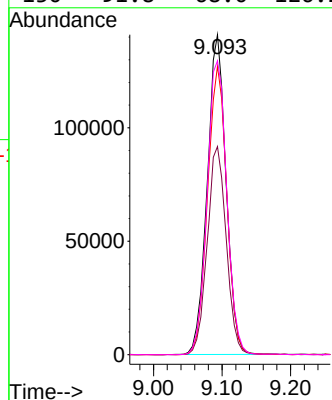
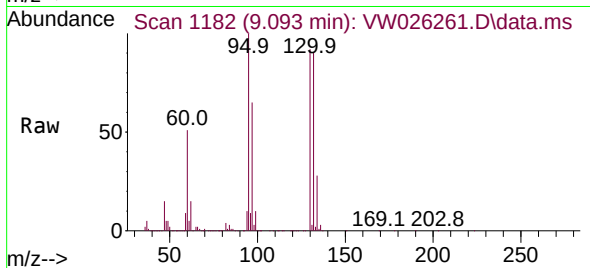
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 90.1 67.1 124.7

130 91.8 68.0 126.2



#35

Methylcyclohexane

Concen: 21.476 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.007 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

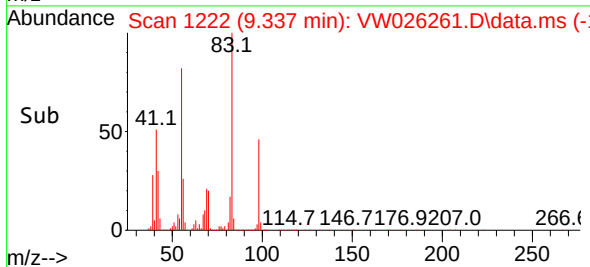
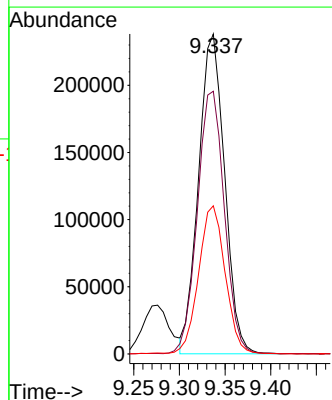
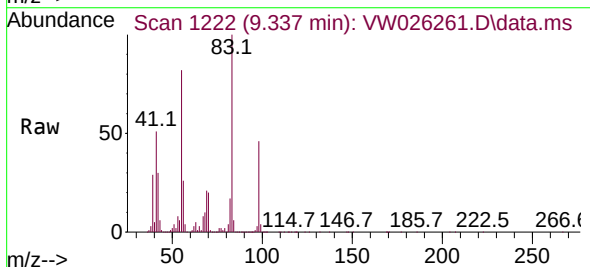
Tgt Ion: 83 Resp: 471542

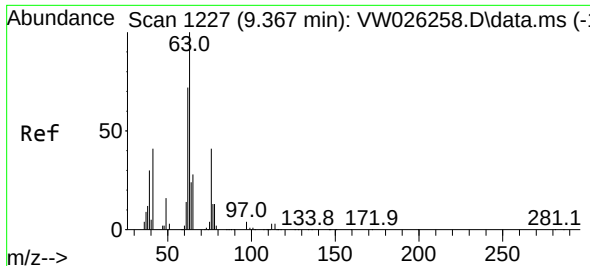
Ion Ratio Lower Upper

83 100

55 85.2 68.2 102.4

98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.540 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

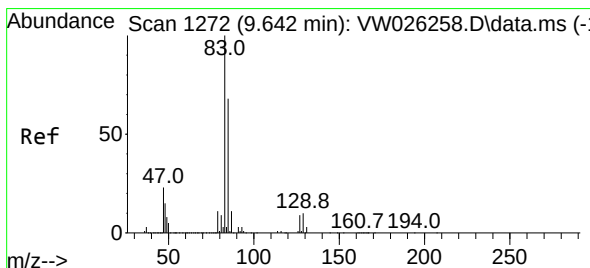
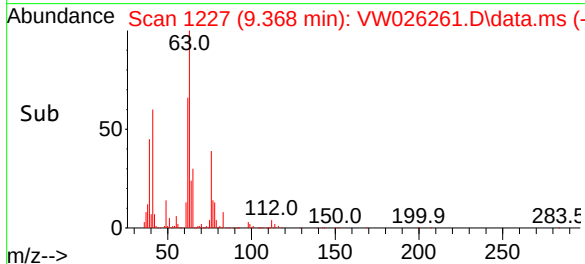
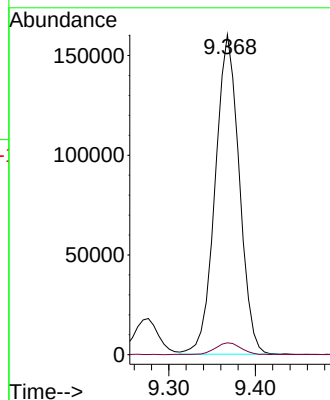
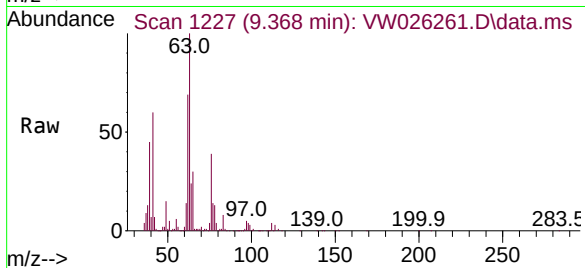
YBW10MSD

Tgt Ion: 63 Resp: 308972

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 22.866 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

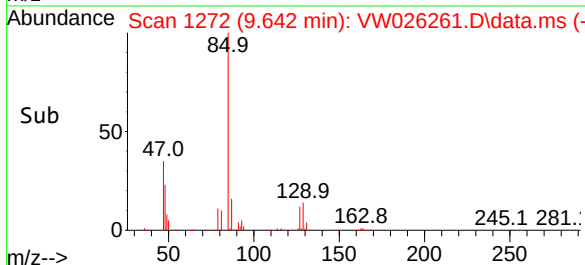
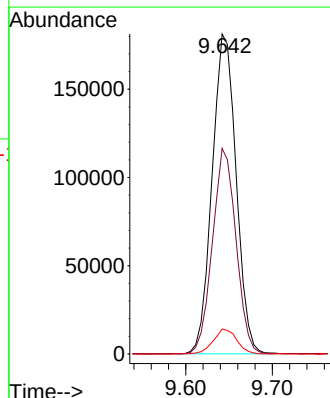
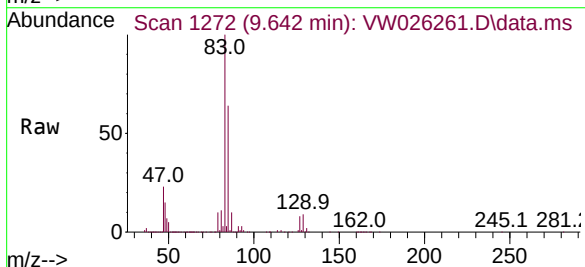
Tgt Ion: 83 Resp: 348685

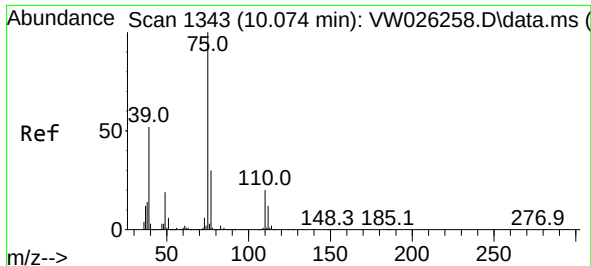
Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.0

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.081 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

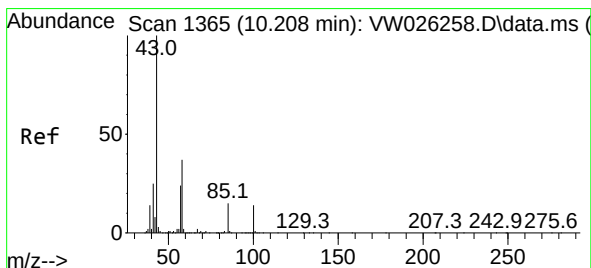
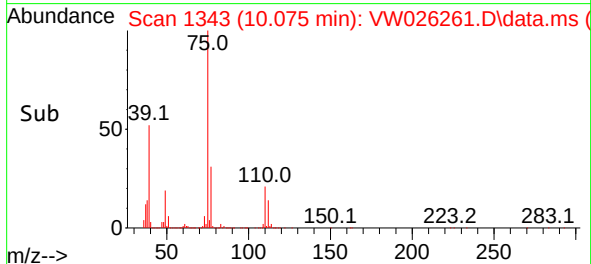
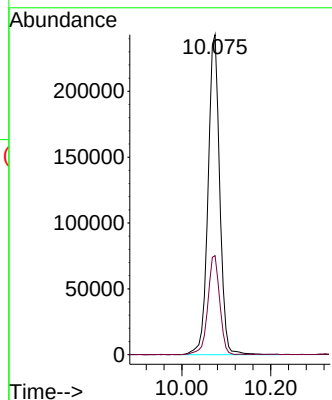
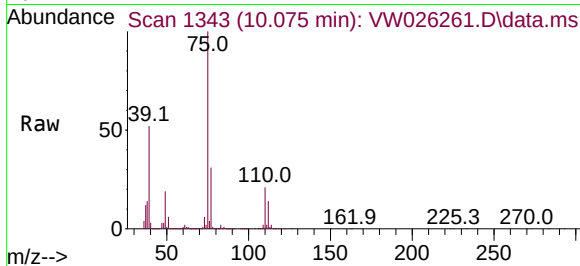
YBW10MSD

Tgt Ion: 75 Resp: 445199

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 52.012 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

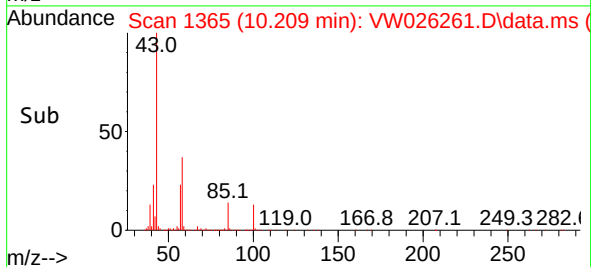
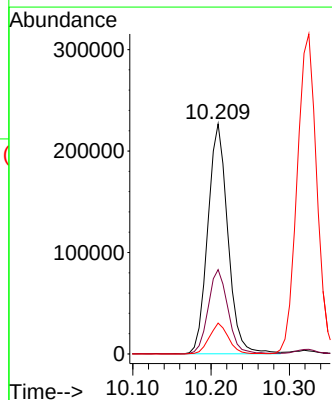
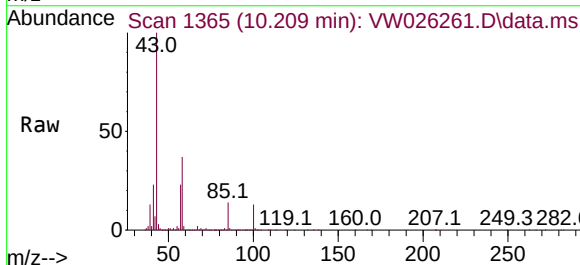
Tgt Ion: 43 Resp: 402487

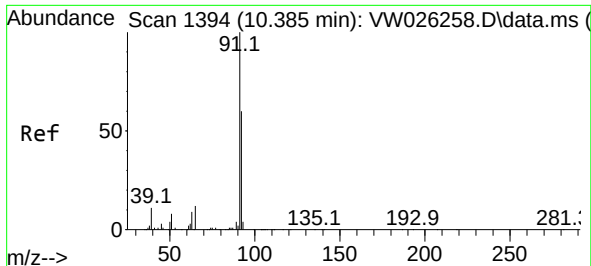
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.4

100 12.7 10.5 15.7

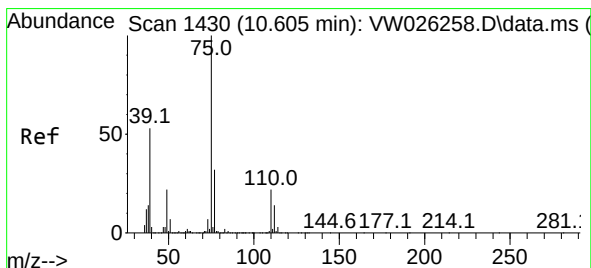
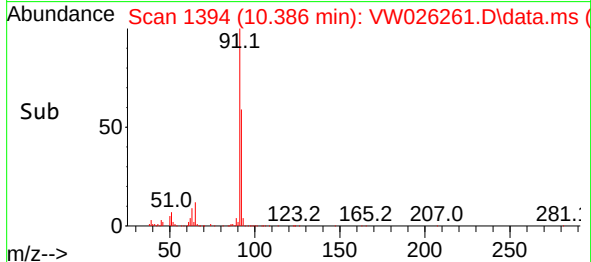
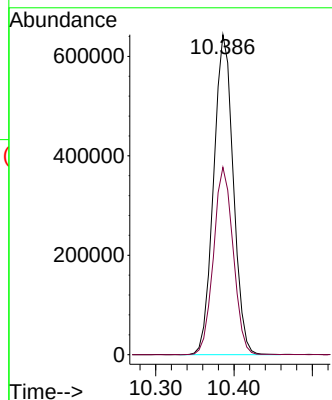
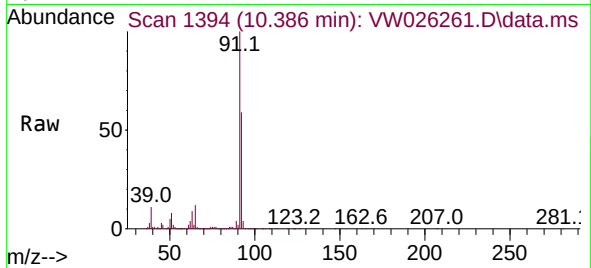




#42
Toluene
Concen: 22.629 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

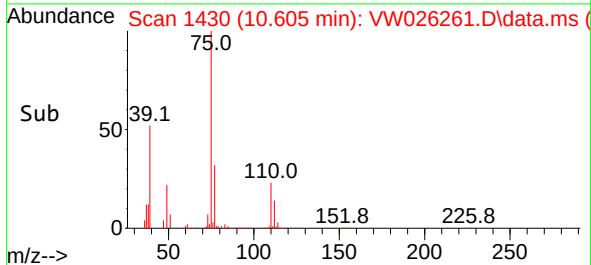
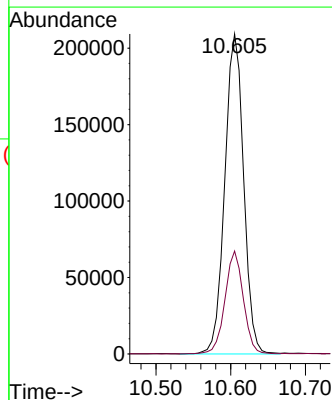
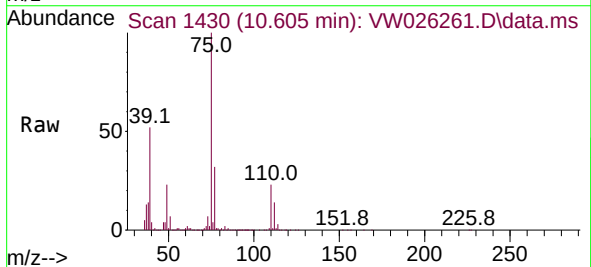
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

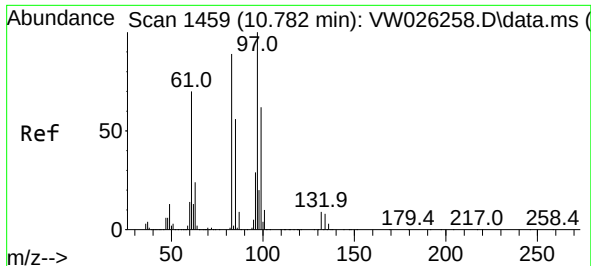
Tgt Ion: 91 Resp: 1121599
Ion Ratio Lower Upper
91 100
92 58.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 22.852 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 75 Resp: 367219
Ion Ratio Lower Upper
75 100
77 32.2 21.1 39.3

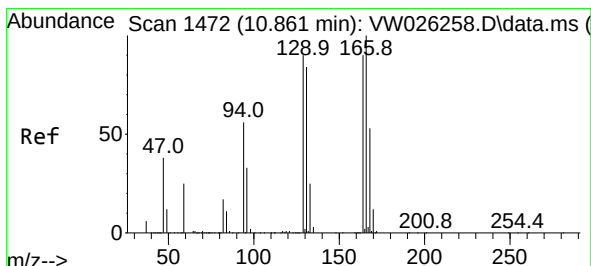
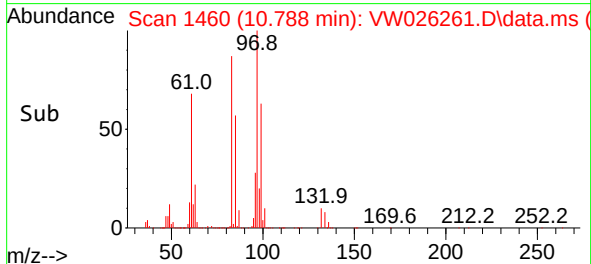
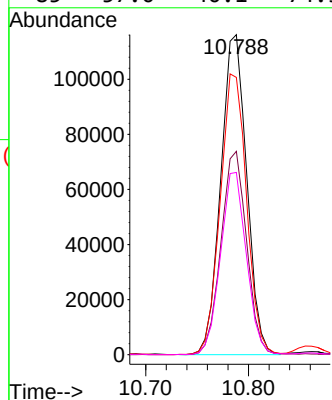
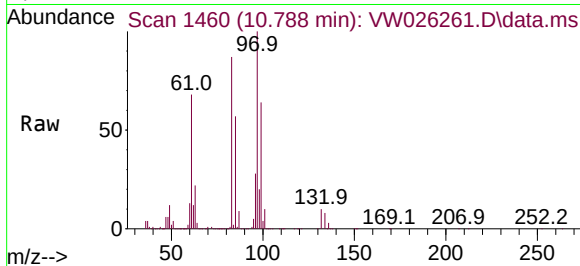




#45
1,1,2-Trichloroethane
Concen: 23.546 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

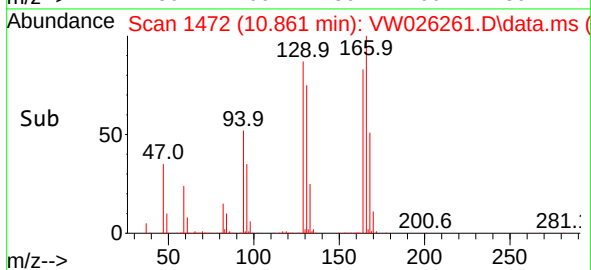
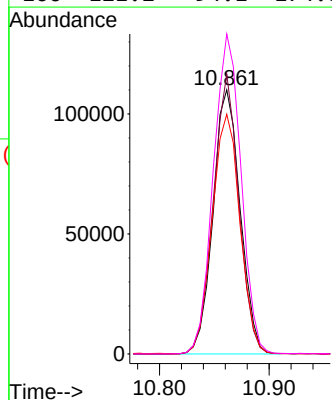
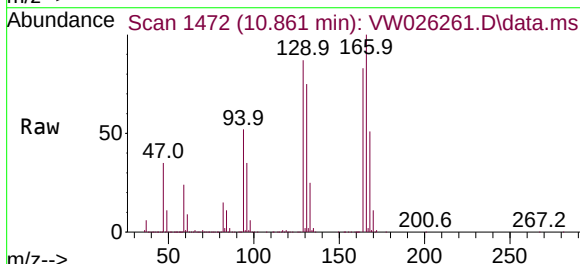
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

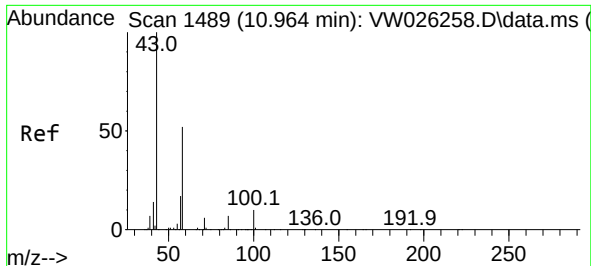
Tgt Ion:	97	Resp:	203683
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.5
83	86.6	62.9	116.9
85	57.0	40.1	74.5



#46
Tetrachloroethene
Concen: 21.534 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion:	164	Resp:	189003
Ion	Ratio	Lower	Upper
164	100		
129	105.9	68.5	127.1
131	90.8	67.1	124.7
166	121.2	94.1	174.8

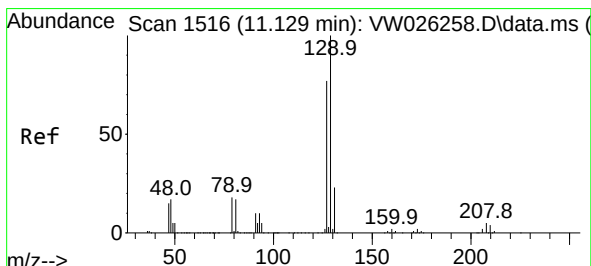
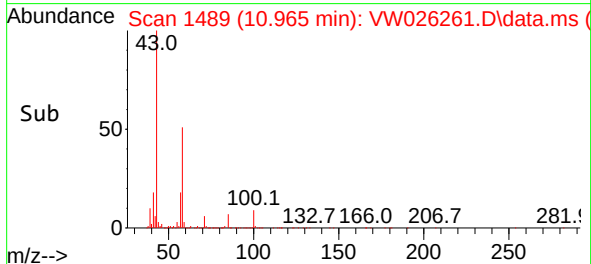
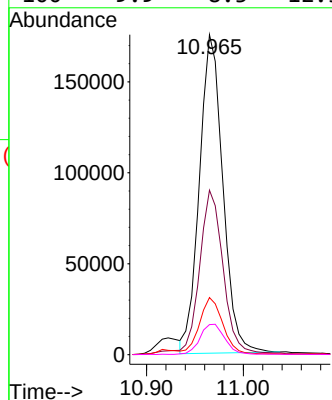
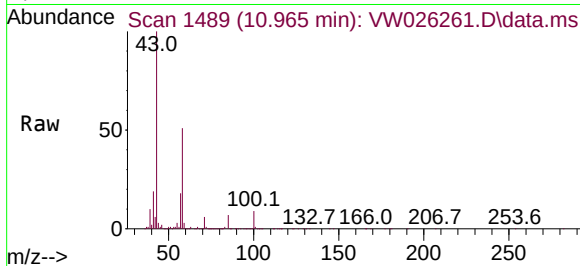




#48
2-Hexanone
Concen: 54.105 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

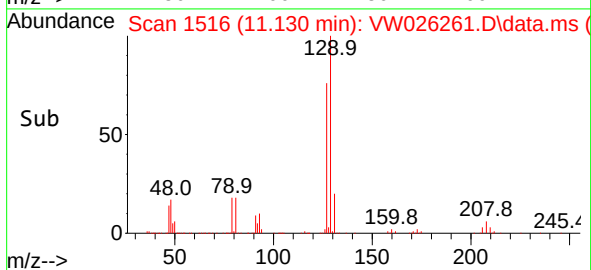
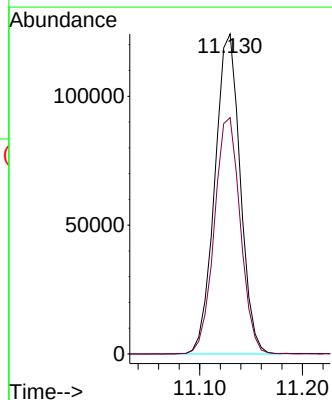
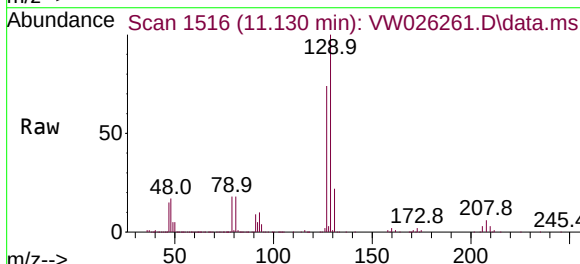
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

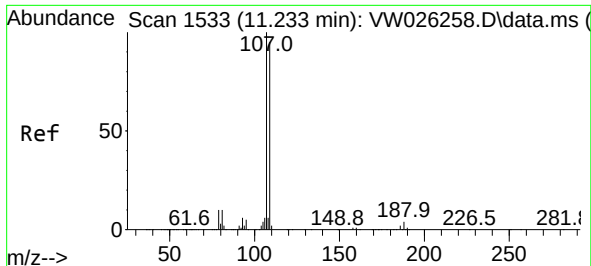
Tgt Ion: 43 Resp: 295215
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 18.1 14.2 21.2
100 9.9 8.3 12.5



#49
Dibromochloromethane
Concen: 23.530 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 129 Resp: 213413
Ion Ratio Lower Upper
129 100
127 73.8 56.9 105.7

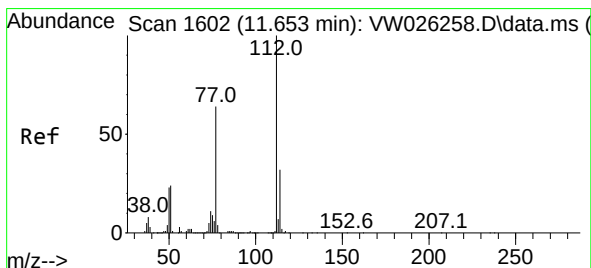
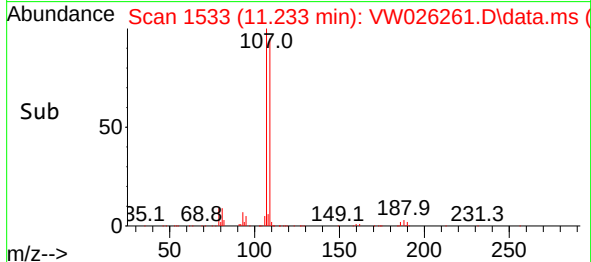
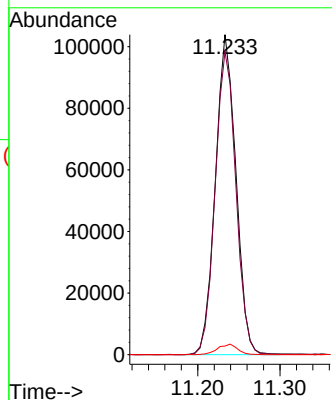
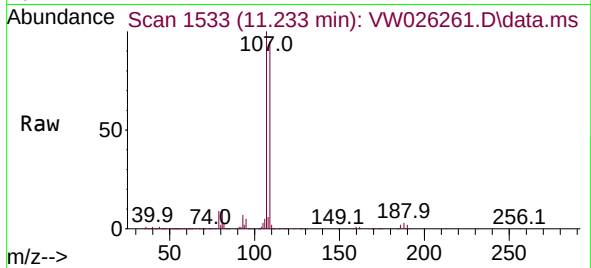




#50
1,2-Dibromoethane
Concen: 22.543 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

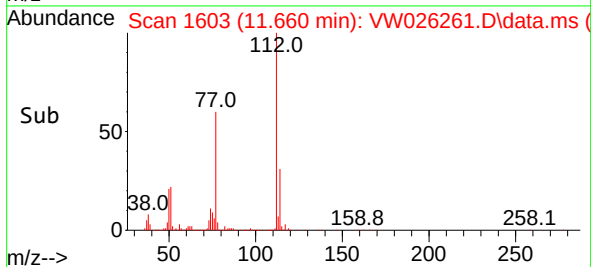
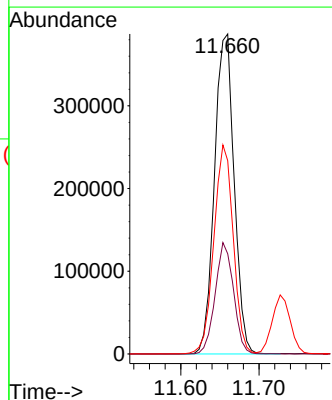
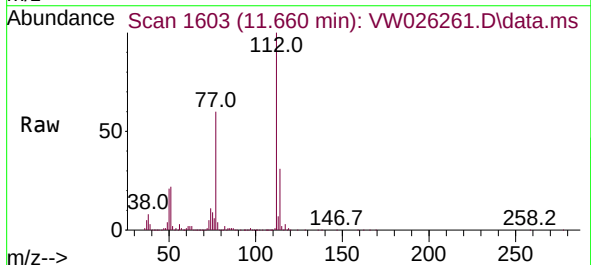
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

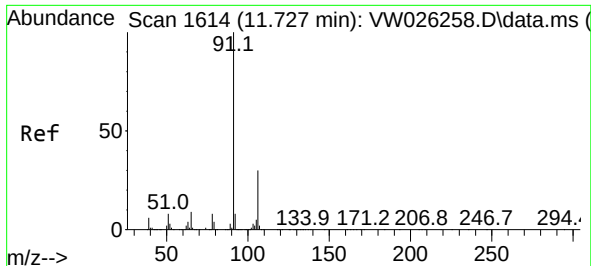
Tgt Ion:107 Resp: 180560
Ion Ratio Lower Upper
107 100
109 94.7 64.0 119.0
188 2.7 2.6 3.8



#51
Chlorobenzene
Concen: 21.745 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.007 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion:112 Resp: 675406
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 60.4 50.9 76.3

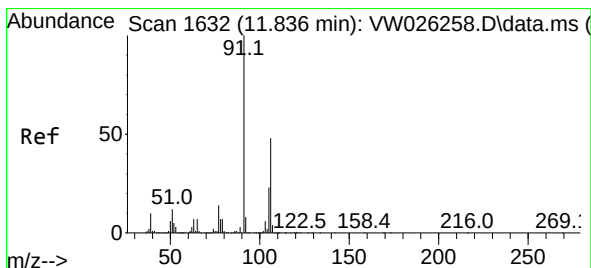
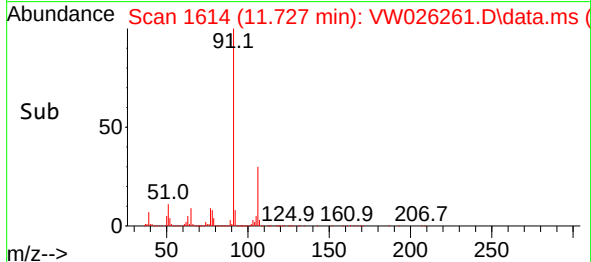
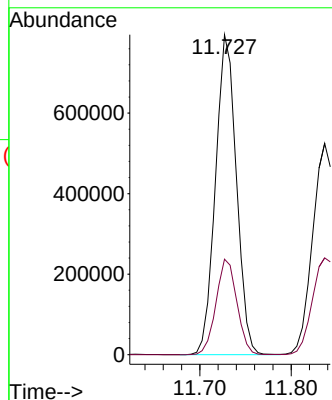
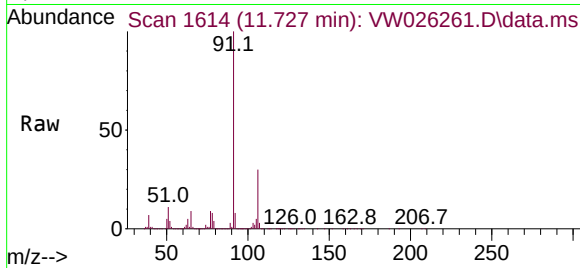




#52
Ethylbenzene
Concen: 22.576 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

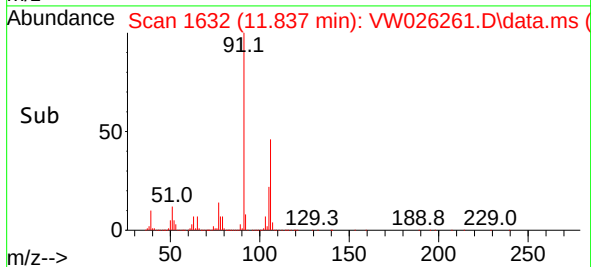
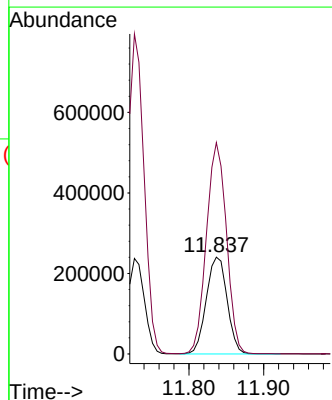
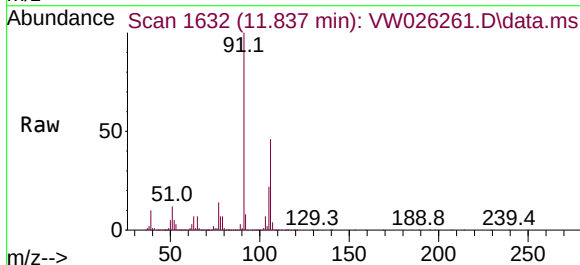
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

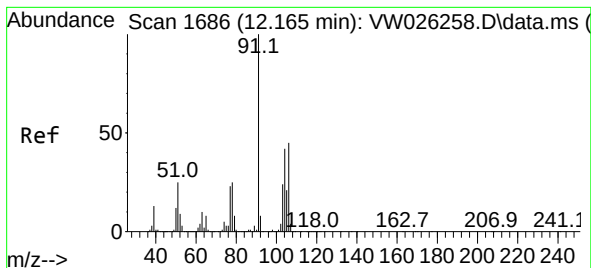
Tgt Ion: 91 Resp: 1262306
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 22.371 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion: 106 Resp: 465317
Ion Ratio Lower Upper
106 100
91 218.2 149.5 277.7





#54

o-Xylene

Concen: 22.438 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

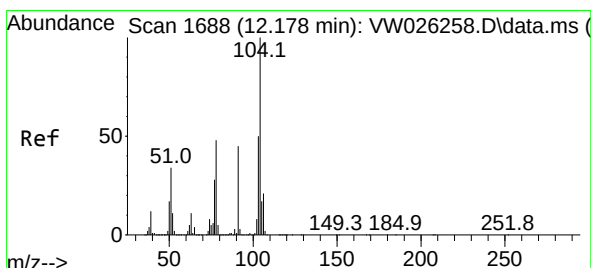
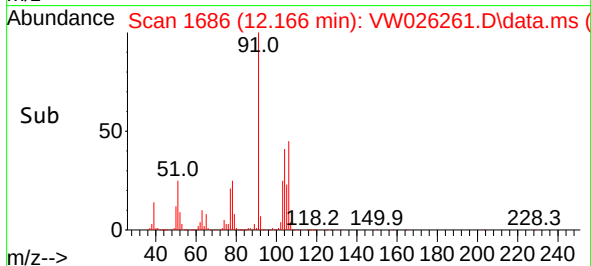
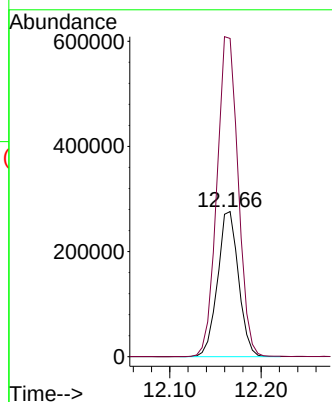
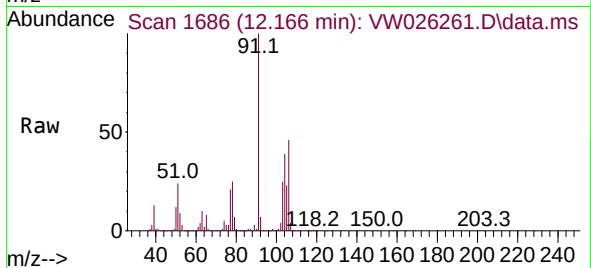
YBW10MSD

Tgt Ion:106 Resp: 440512

Ion Ratio Lower Upper

106 100

91 219.3 150.9 280.3



#55

Styrene

Concen: 22.616 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026261.D

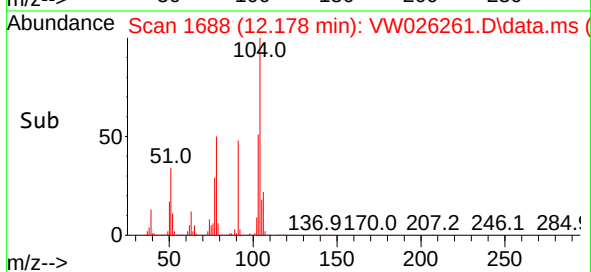
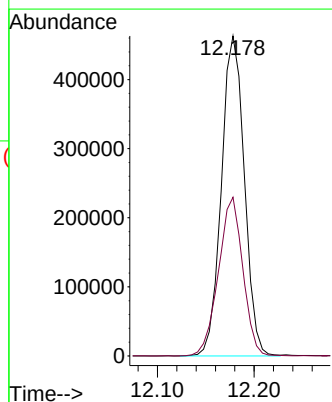
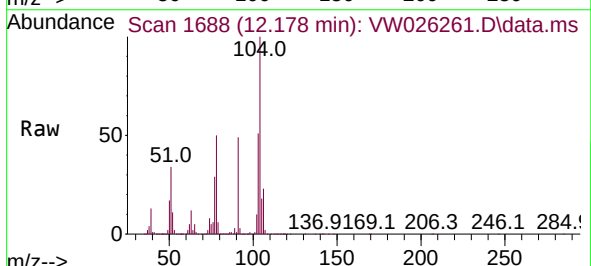
Acq: 20 Jun 2023 11:44

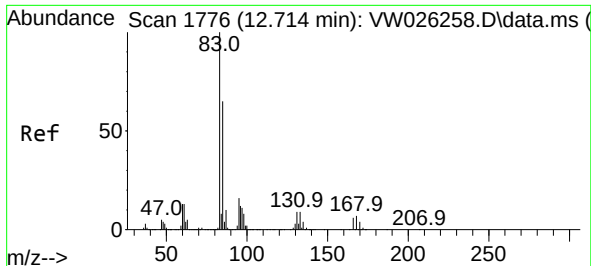
Tgt Ion:104 Resp: 761725

Ion Ratio Lower Upper

104 100

78 49.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.957 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

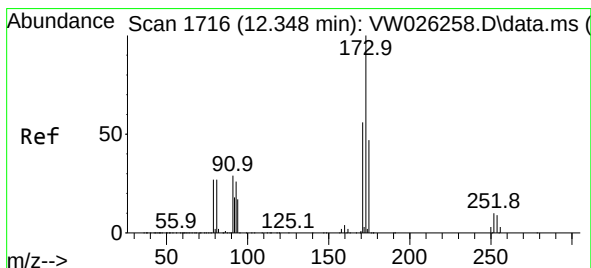
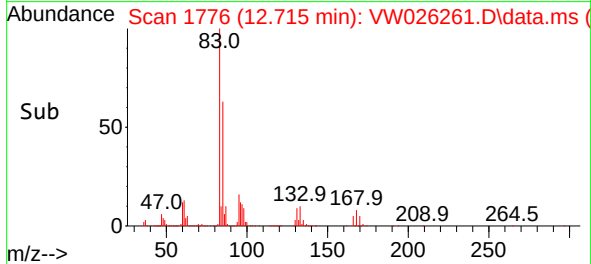
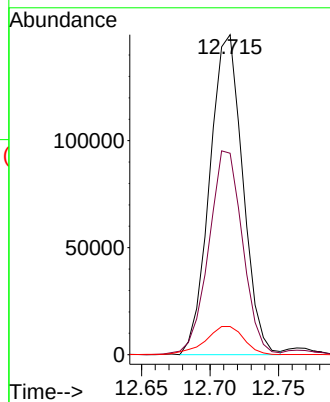
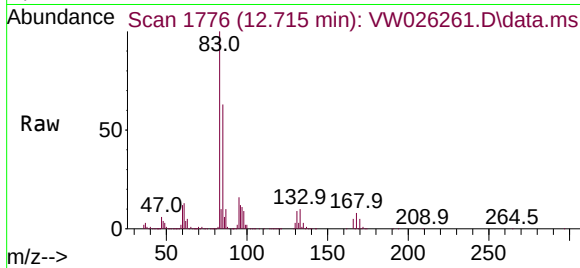
Tgt Ion: 83 Resp: 250805

Ion Ratio Lower Upper

83 100

85 63.0 42.6 79.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 21.382 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

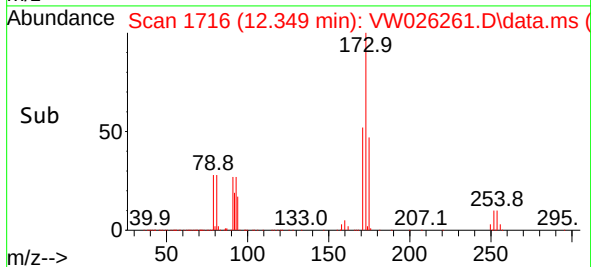
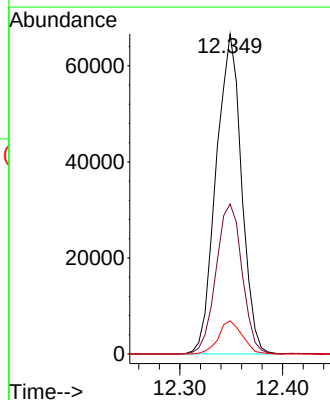
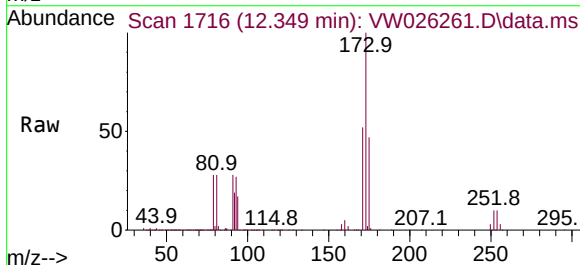
Tgt Ion: 173 Resp: 114305

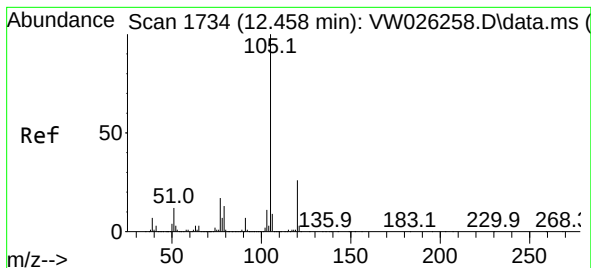
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.8 7.4 11.0





#60

Isopropylbenzene

Concen: 22.259 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.007 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

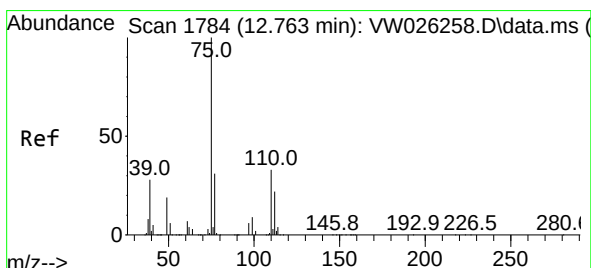
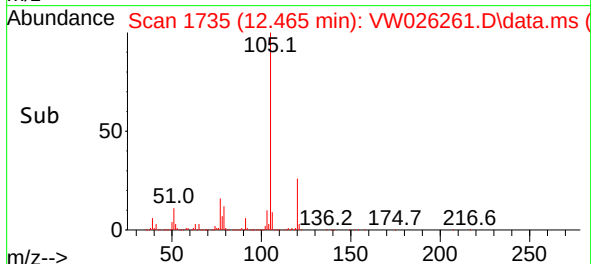
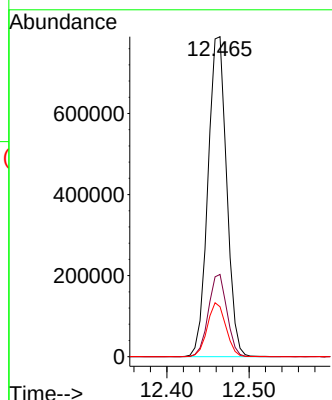
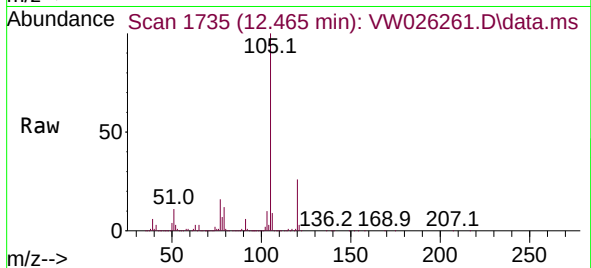
Tgt Ion:105 Resp: 1244525

Ion Ratio Lower Upper

105 100

120 25.5 19.8 29.8

77 16.7 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 23.244 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

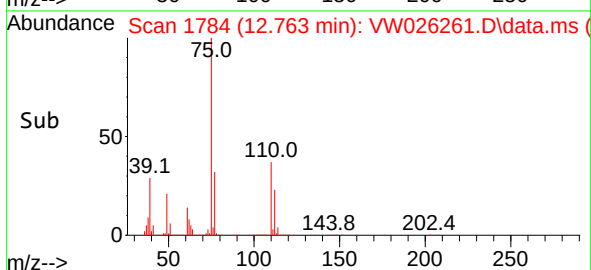
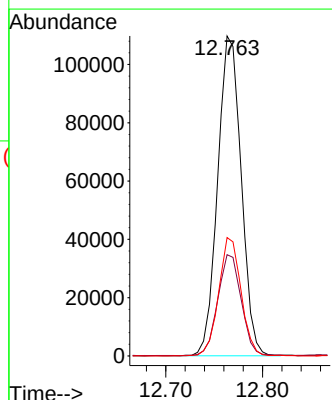
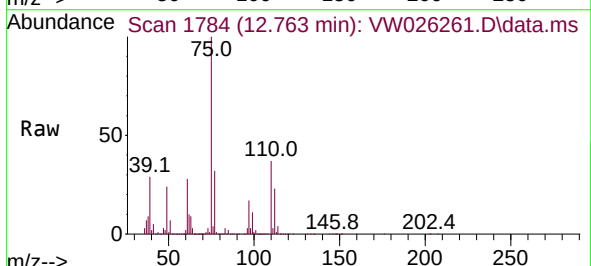
Tgt Ion: 75 Resp: 185311

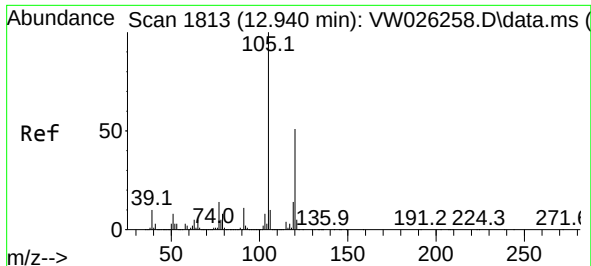
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 35.1 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 22.022 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

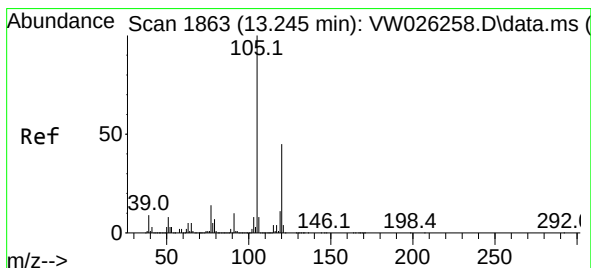
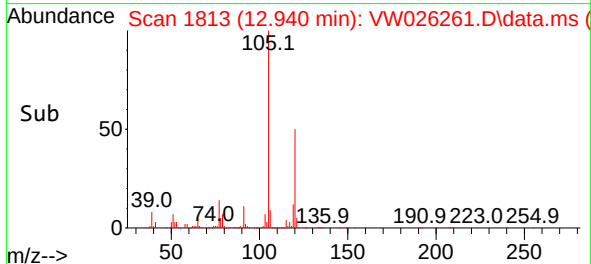
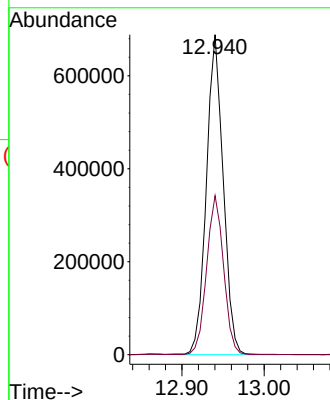
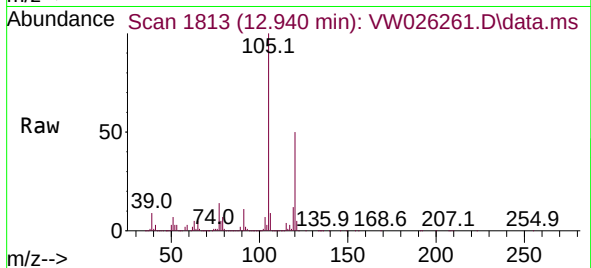
YBW10MSD

Tgt Ion:105 Resp: 978822

Ion Ratio Lower Upper

105 100

120 50.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 22.235 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026261.D

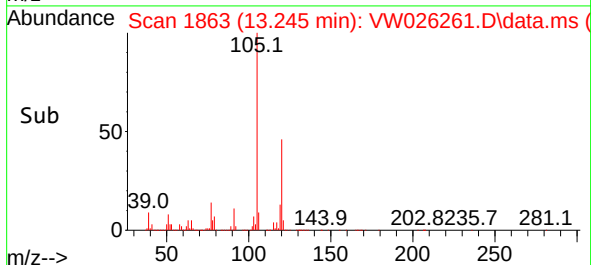
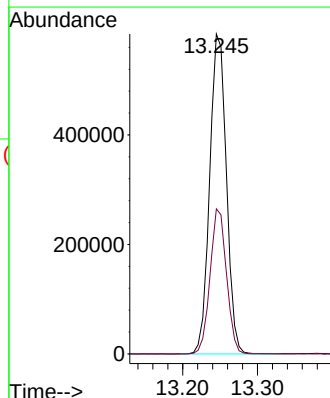
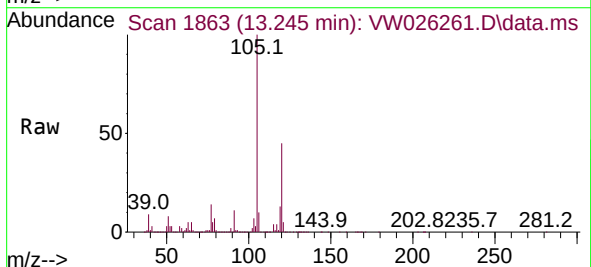
Acq: 20 Jun 2023 11:44

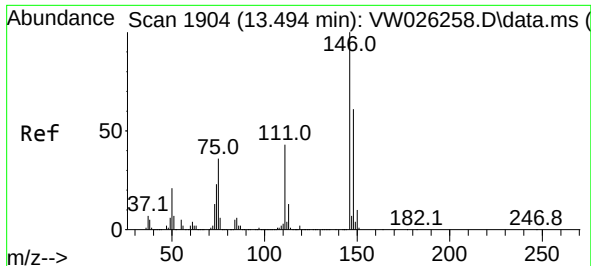
Tgt Ion:105 Resp: 905153

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.2

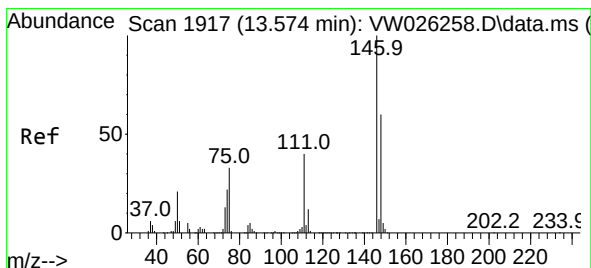
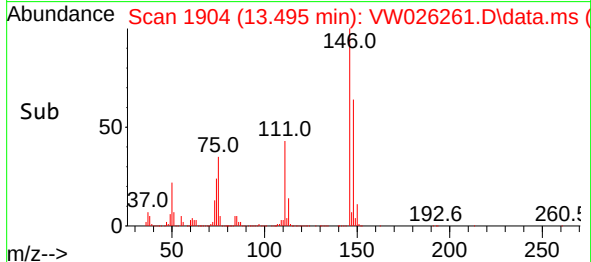
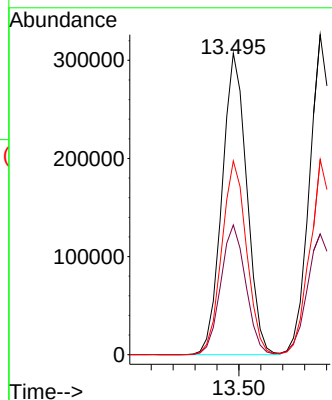
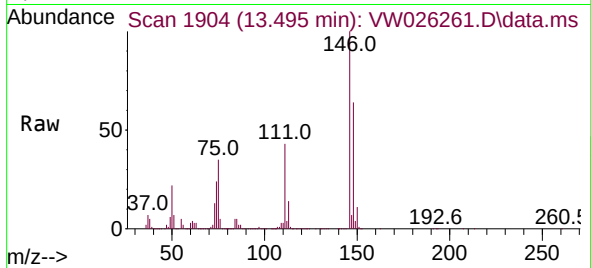




#64
1,3-Dichlorobenzene
Concen: 20.505 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

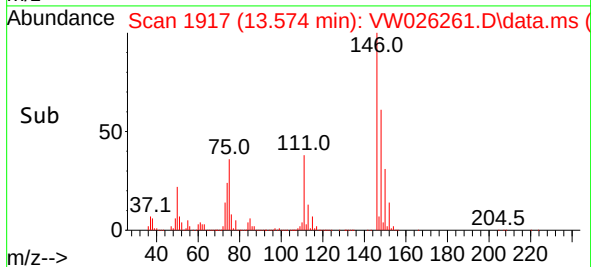
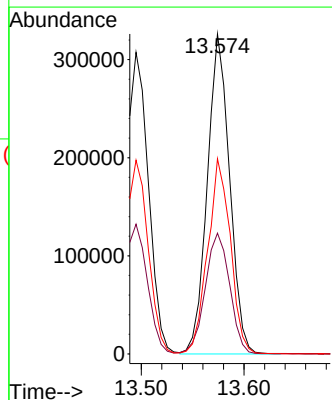
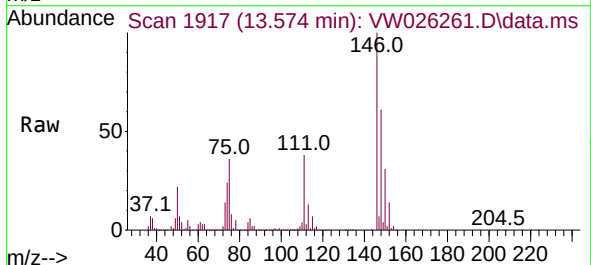
Instrument :
MSVOA_W
ClientSampleId :
YBW10MSD

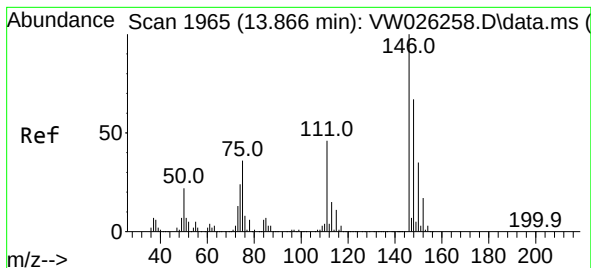
Tgt Ion:146 Resp: 482037
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 64.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.803 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026261.D
Acq: 20 Jun 2023 11:44

Tgt Ion:146 Resp: 492360
Ion Ratio Lower Upper
146 100
111 37.8 29.2 54.2
148 61.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 21.184 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

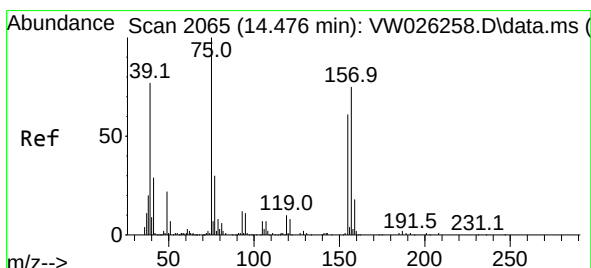
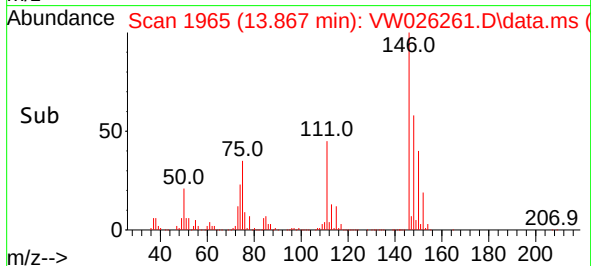
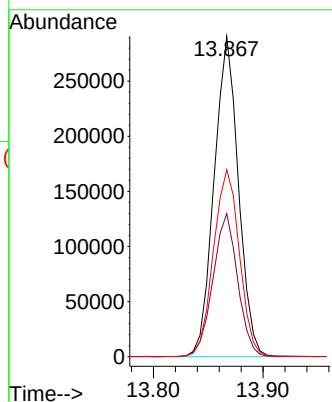
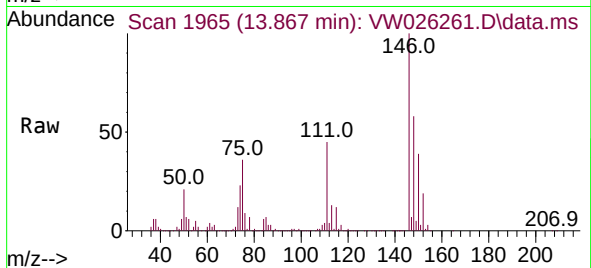
Tgt Ion:146 Resp: 447202

Ion Ratio Lower Upper

146 100

111 44.7 35.4 53.0

148 58.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.762 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.007 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

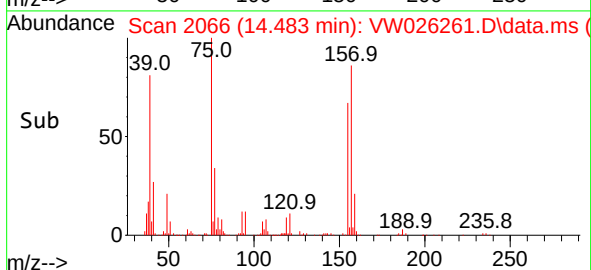
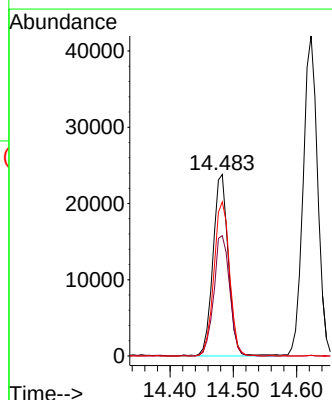
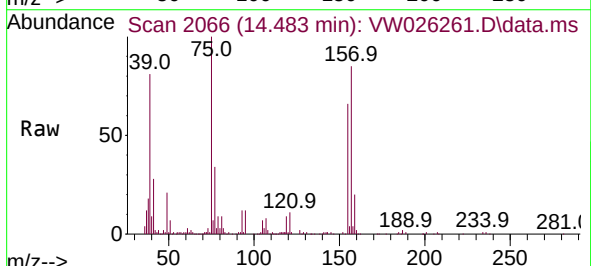
Tgt Ion: 75 Resp: 40197

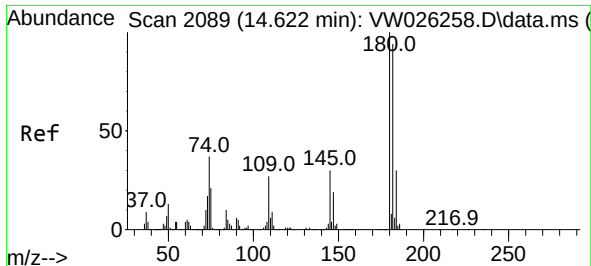
Ion Ratio Lower Upper

75 100

155 66.3 59.0 88.6

157 84.9 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 19.503 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

Tgt Ion:180 Resp: 314942

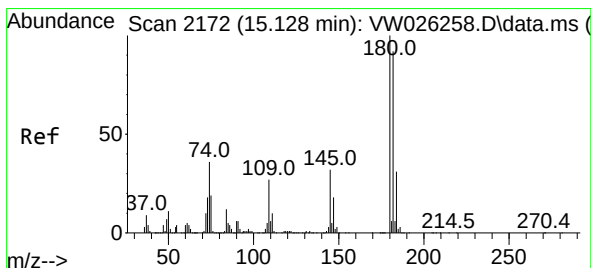
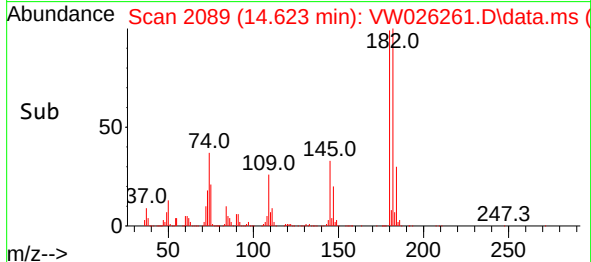
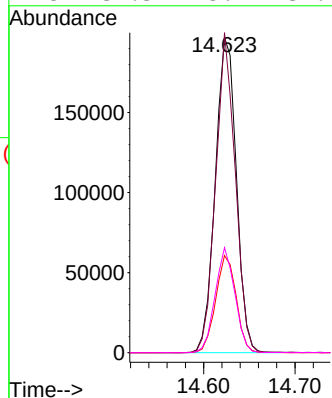
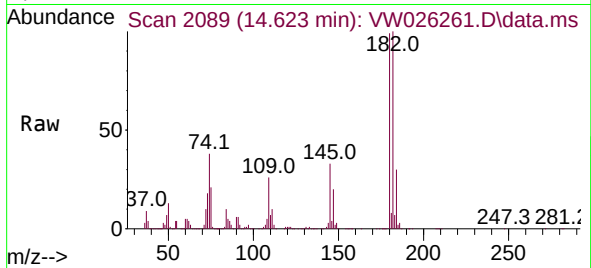
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

184 30.1 23.7 35.5

145 31.3 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 18.423 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

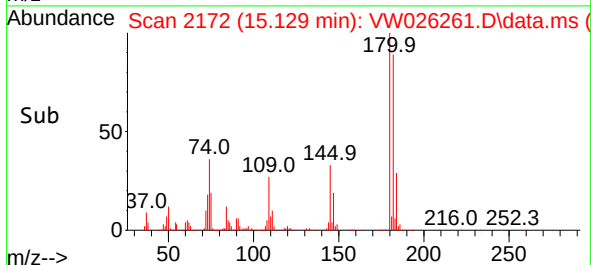
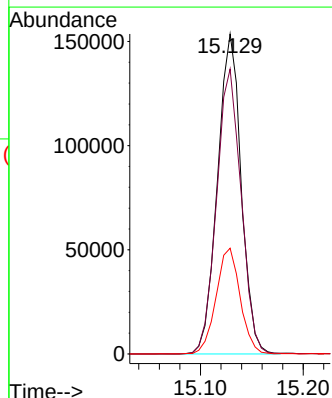
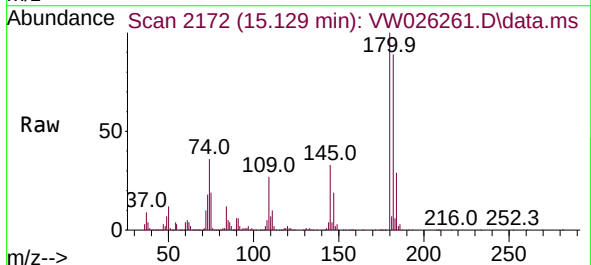
Tgt Ion:180 Resp: 245497

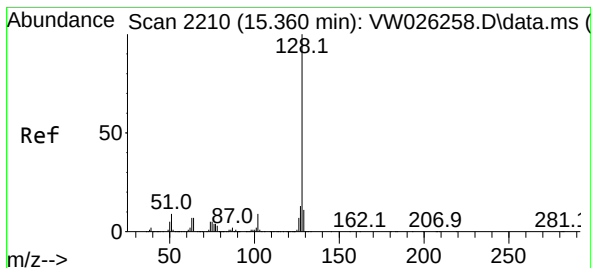
Ion Ratio Lower Upper

180 100

182 92.3 78.9 118.3

145 33.6 27.2 40.8





#71

Naphthalene

Concen: 21.226 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

YBW10MSD

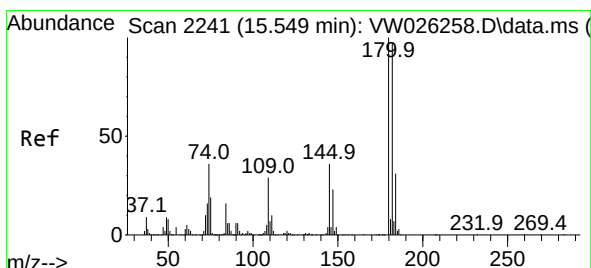
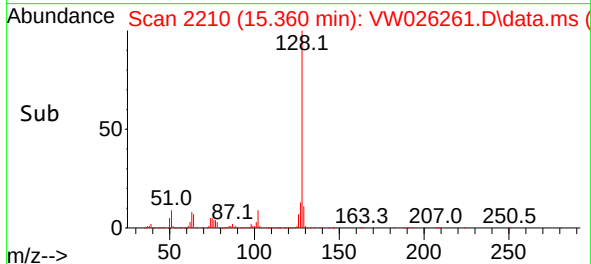
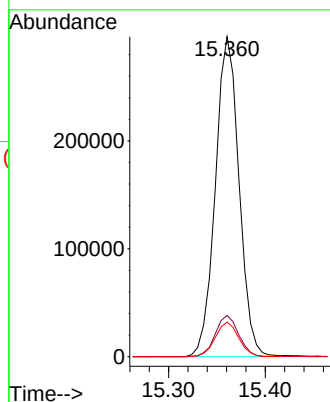
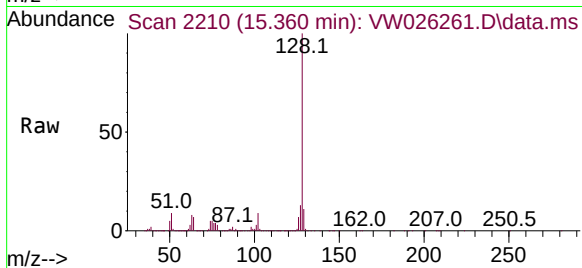
Tgt Ion:128 Resp: 504093

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 18.608 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026261.D

Acq: 20 Jun 2023 11:44

Tgt Ion:180 Resp: 216704

Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 34.9 27.0 40.6

