

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
 Data File : VW027078.D
 Acq On : 12 Sep 2023 19:07
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 13 03:10:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	542401	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	553307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	333599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	156671	16.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.680%
7) Chloroethane-d5	2.887	69	149490	19.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
11) 1,1-Dichloroethene-d2	4.027	65	72561	20.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.280%
21) 2-Butanone-d5	7.075	46	88666	47.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.980%
24) Chloroform-d	7.648	84	414729	25.696	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.307	65	206872	24.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.560%
32) Benzene-d6	8.276	84	854793	23.553	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	9.276	67	248157	23.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	10.319	98	761298	23.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	10.581	79	94408	22.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	10.922	63	52692	52.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	229359	27.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	280206	24.286	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104436	16.738	ug/L	92
3) Chloromethane	2.222	50	155287	16.500	ug/L	97
5) Vinyl chloride	2.375	62	190269	17.723	ug/L	97
6) Bromomethane	2.783	94	145259	20.502	ug/L	92
8) Chloroethane	2.930	64	128390	19.059	ug/L	100
9) Trichlorofluoromethane	3.259	101	133651	21.458	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	190632	24.645	ug/L	95
12) 1,1-Dichloroethene	4.051	96	175403	22.888	ug/L	94
13) Acetone	4.125	43	68376	41.823	ug/L	96
14) Carbon disulfide	4.393	76	489359	19.909	ug/L	97
15) Methyl Acetate	4.667	43	79822	23.483	ug/L #	88
16) Methylene chloride	4.923	84	277768	26.434	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	200059	23.852	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	304381	26.061	ug/L	98
19) 1,1-Dichloroethane	6.216	63	381132	24.105	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	236437	25.615	ug/L	93
22) 2-Butanone	7.167	43	115201	43.793	ug/L	93
23) Bromochloromethane	7.514	128	106820	26.667	ug/L	87
25) Chloroform	7.679	83	404057	26.055	ug/L	93

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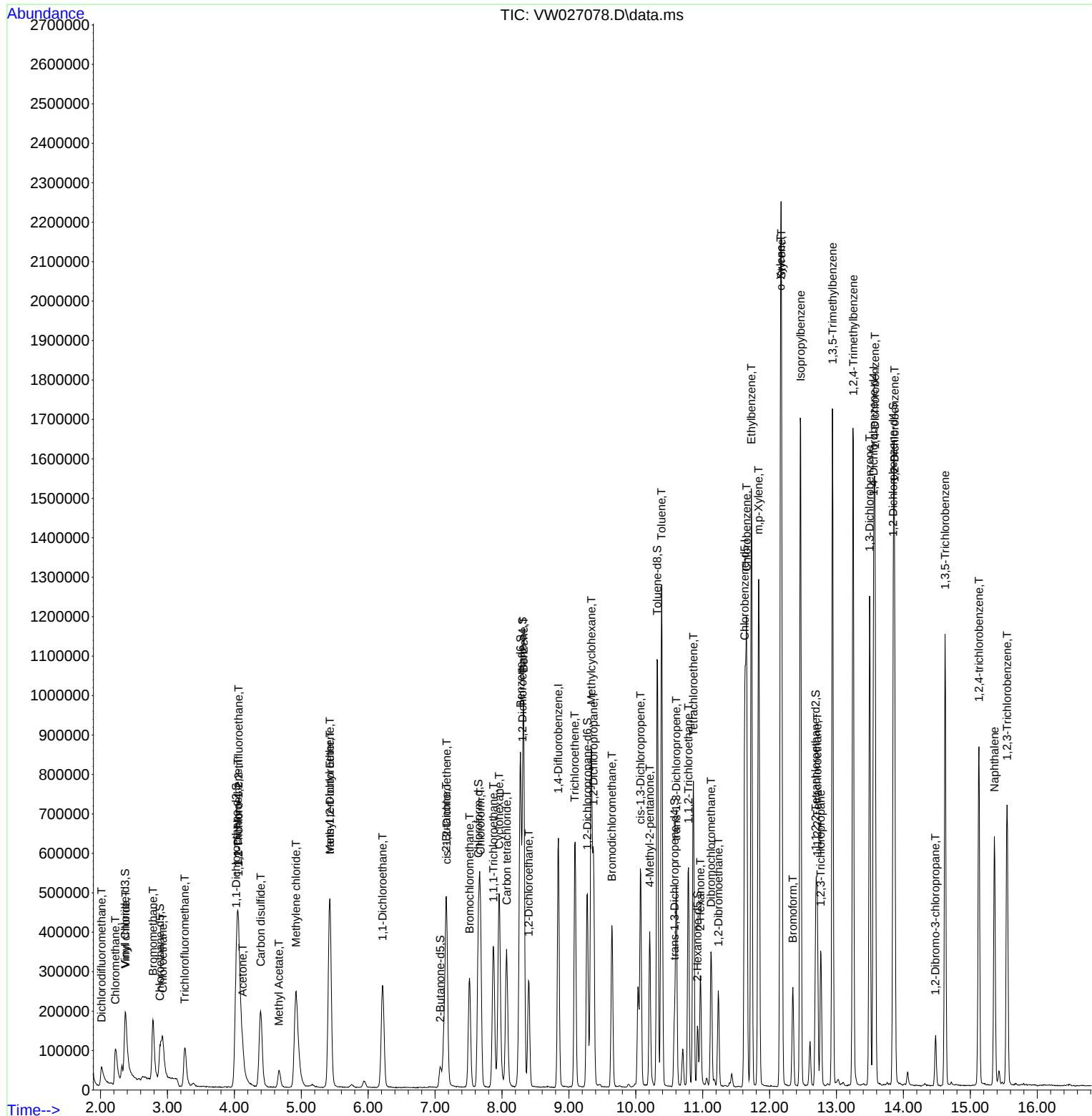
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	251037	25.612	ug/L	97
29) Cyclohexane	7.959	56	288909	20.027	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	306028	24.417	ug/L	97
31) Carbon tetrachloride	8.069	117	276319	24.736	ug/L	99
33) Benzene	8.325	78	904119	23.893	ug/L	100
34) Trichloroethene	9.087	95	225966	23.241	ug/L	95
35) Methylcyclohexane	9.337	83	358876	21.725	ug/L	97
37) 1,2-Dichloropropane	9.368	63	230005	23.819	ug/L	99
38) Bromodichloromethane	9.642	83	286552	25.198	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	339828	23.706	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	233669	46.871	ug/L #	94
42) Toluene	10.386	91	969422	24.894	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	287019	24.656	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	178218	25.620	ug/L	98
46) Tetrachloroethene	10.861	164	191234	25.767	ug/L	92
48) 2-Hexanone	10.965	43	162200	47.740	ug/L #	94
49) Dibromochloromethane	11.123	129	187232	26.129	ug/L	92
50) 1,2-Dibromoethane	11.233	107	165236	26.237	ug/L	91
51) Chlorobenzene	11.654	112	622405	24.814	ug/L	98
52) Ethylbenzene	11.727	91	1068926	24.760	ug/L	100
53) m,p-Xylene	11.837	106	415907	25.468	ug/L	95
54) o-Xylene	12.166	106	408202	26.715	ug/L	94
55) Styrene	12.178	104	715162	27.424	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	226661	27.543	ug/L	99
59) Bromoform	12.349	173	119092	25.102	ug/L	97
60) Isopropylbenzene	12.465	105	1101255	24.098	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	151250	23.700	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	897875	24.622	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	916949	25.719	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	512693	24.661	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	525326	24.861	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	466879	24.925	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33013	22.812	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	350709	24.285	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	291077	24.755	ug/L	96
71) Naphthalene	15.360	128	538030	25.859	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	269065	25.242	ug/L	97

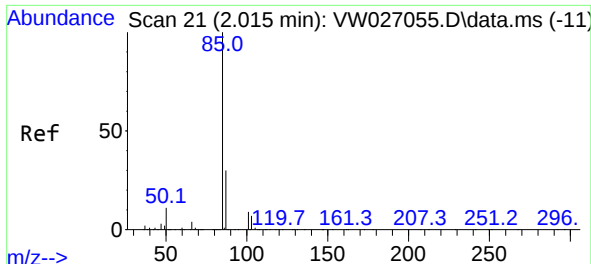
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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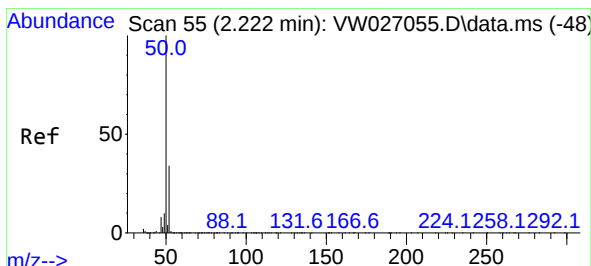
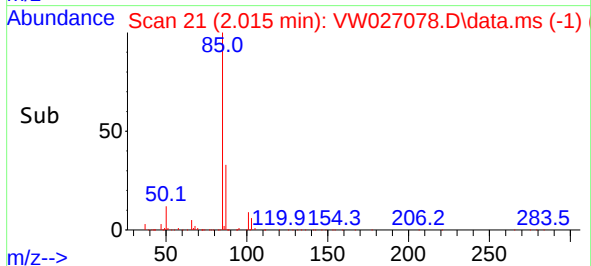
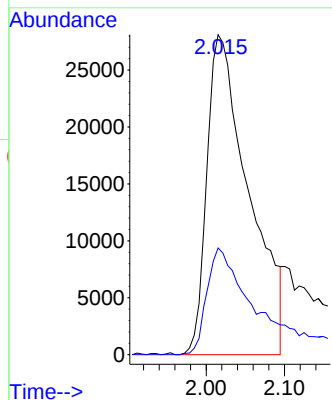
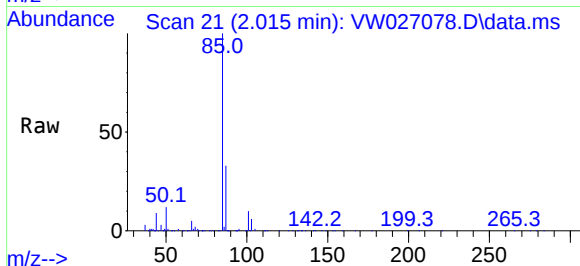




#2
 Dichlorodifluoromethane
 Concen: 16.738 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027078.D
 Acq: 12 Sep 2023 19:07

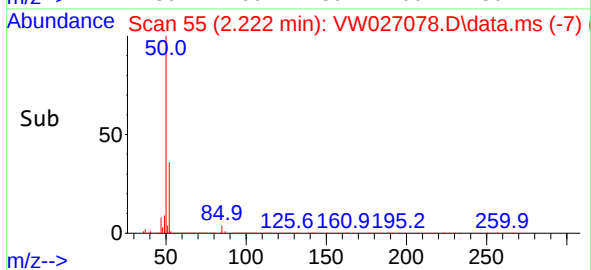
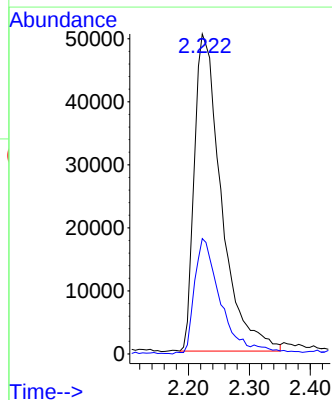
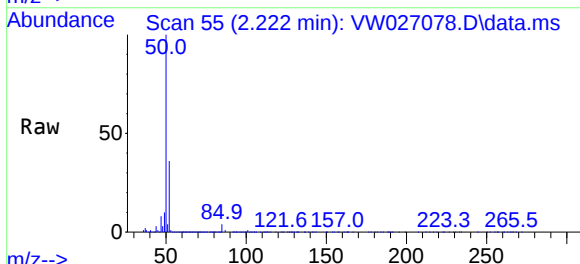
Instrument :
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 ClientSampleId :

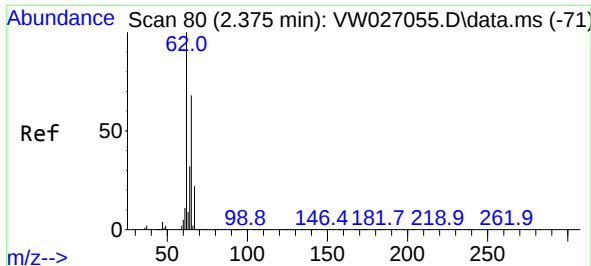
Tgt Ion: 85 Resp: 104436
 Ion Ratio Lower Upper
 85 100
 87 27.7 19.1 28.7



#3
 Chloromethane
 Concen: 16.500 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027078.D
 Acq: 12 Sep 2023 19:07

Tgt Ion: 50 Resp: 155287
 Ion Ratio Lower Upper
 50 100
 52 36.1 24.1 44.7

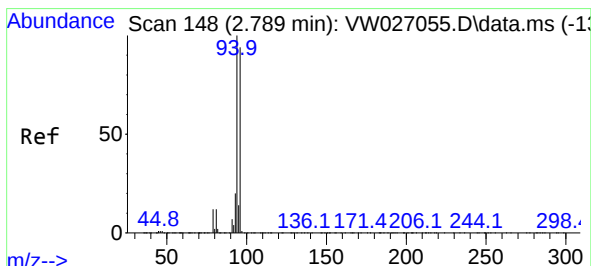
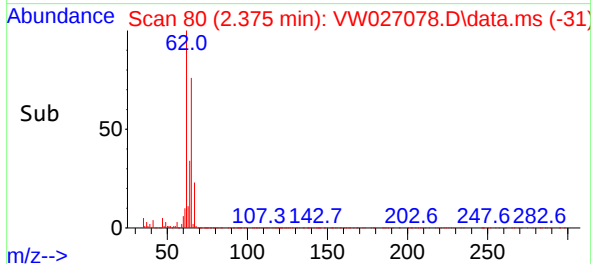
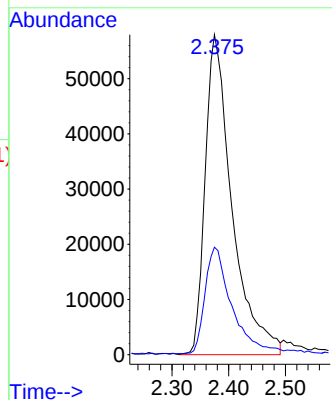
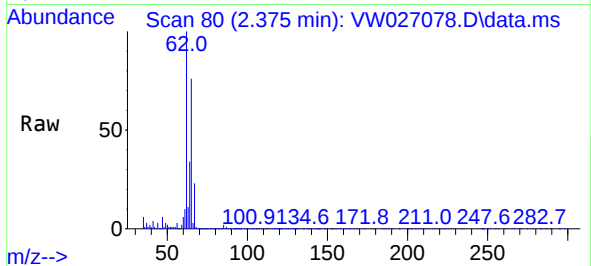




#5
Vinyl chloride
Concen: 17.723 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

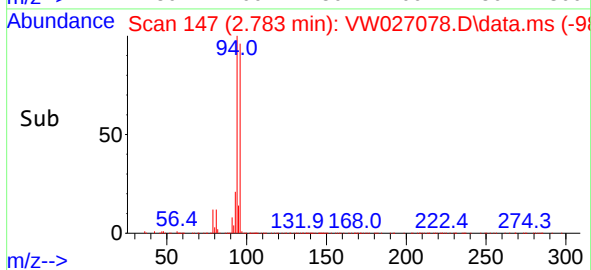
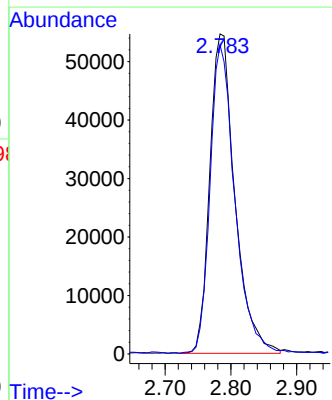
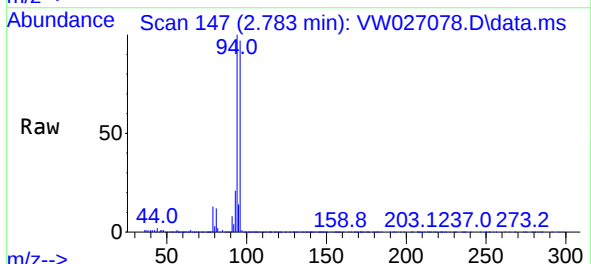
Instrument :
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ClientSampleId :

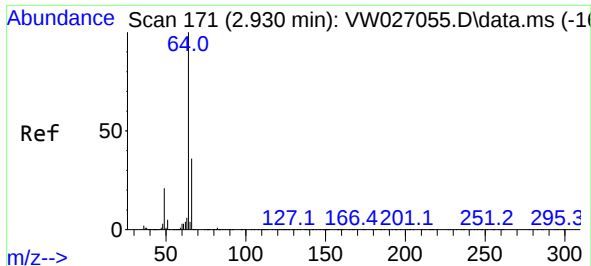
Tgt Ion: 62 Resp: 190269
Ion Ratio Lower Upper
62 100
64 33.6 22.3 41.3



#6
Bromomethane
Concen: 20.502 ug/L
RT: 2.783 min Scan# 147
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

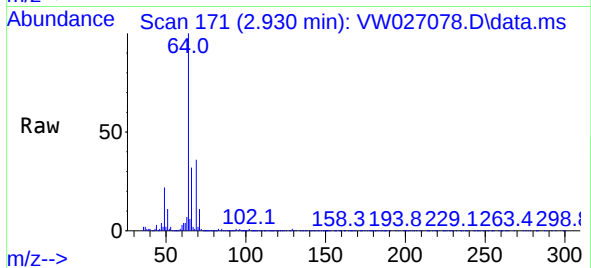
Tgt Ion: 94 Resp: 145259
Ion Ratio Lower Upper
94 100
96 96.5 62.6 116.2



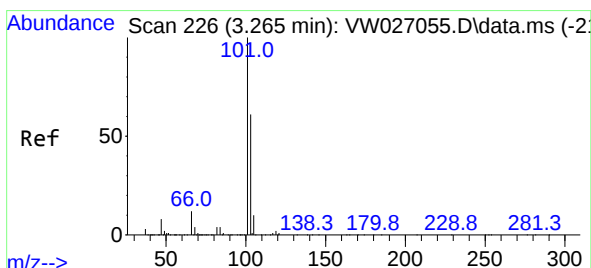
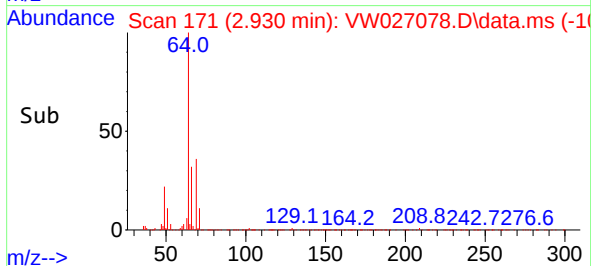
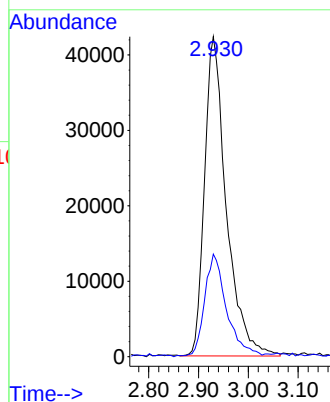


#8
Chloroethane
Concen: 19.059 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Instrument :
MSVOA_W
ClientSampleId :

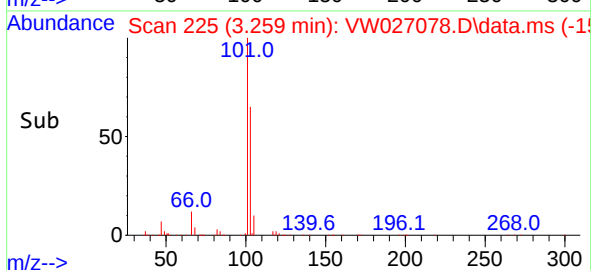
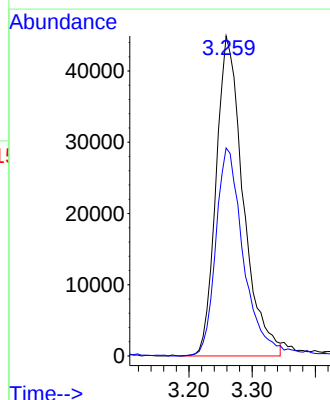
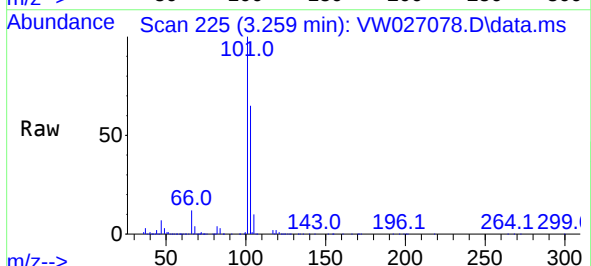


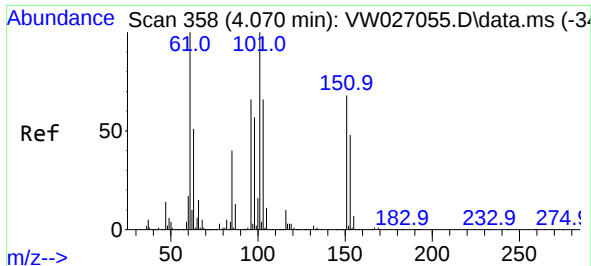
Tgt Ion: 64 Resp: 128390
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 21.458 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

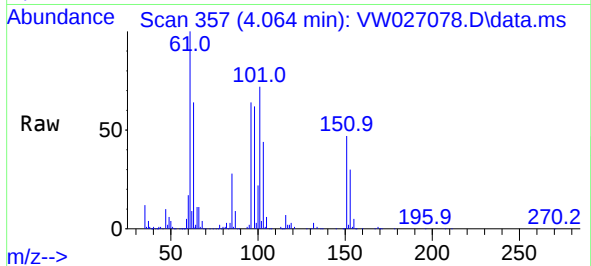
Tgt Ion: 101 Resp: 133651
Ion Ratio Lower Upper
101 100
103 65.9 50.2 75.4



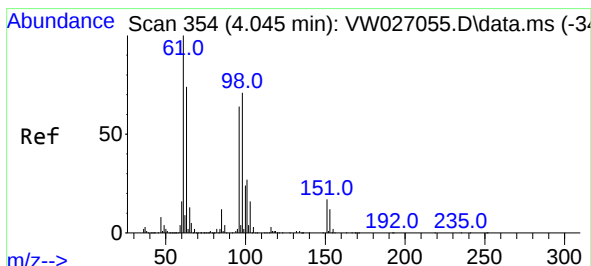
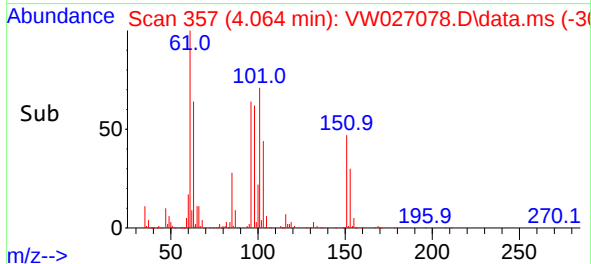
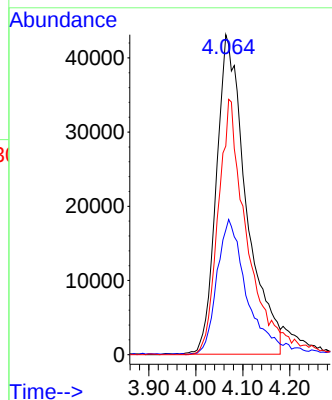


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.645 ug/L
RT: 4.064 min Scan# 31
Delta R.T. -0.000 min
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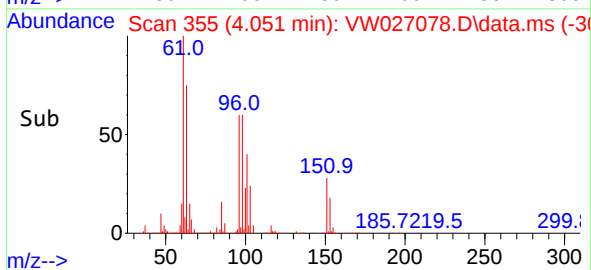
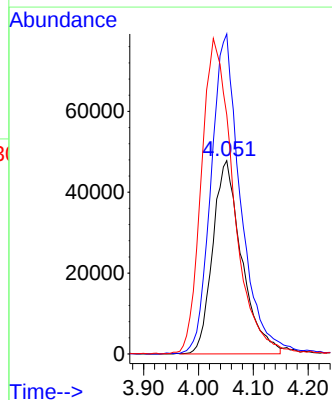
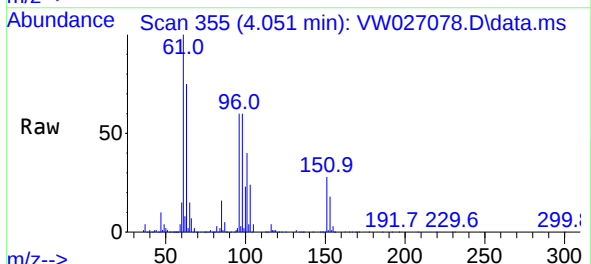


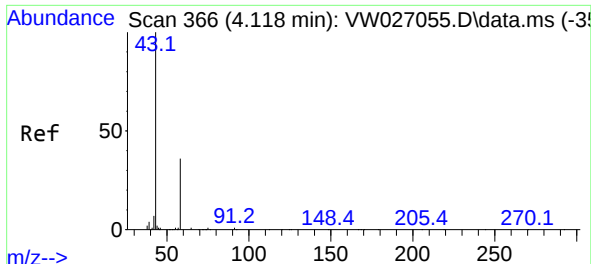
Tgt Ion:101 Resp: 190632
Ion Ratio Lower Upper
101 100
85 42.0 31.1 46.7
151 71.9 54.2 81.2



#12
1,1-Dichloroethene
Concen: 22.888 ug/L
RT: 4.051 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 96 Resp: 175403
Ion Ratio Lower Upper
96 100
61 165.5 117.0 217.4
63 123.7 97.3 180.7

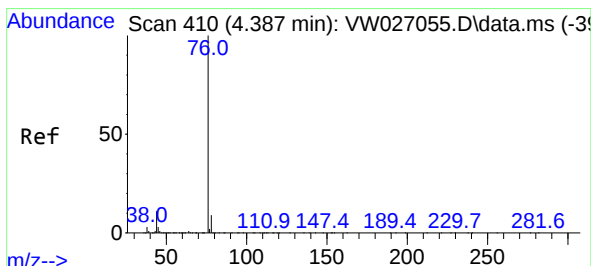
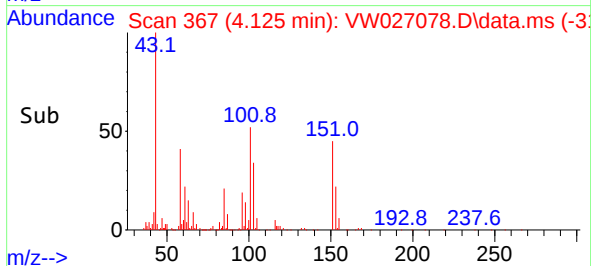
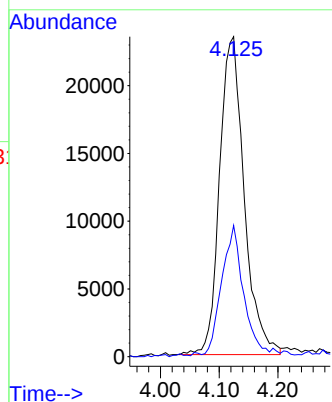
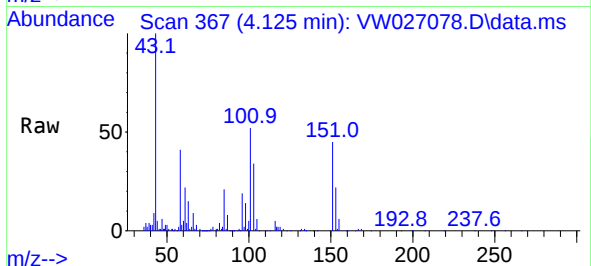




#13
Acetone
Concen: 41.823 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

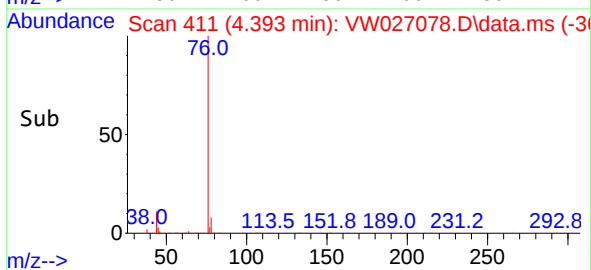
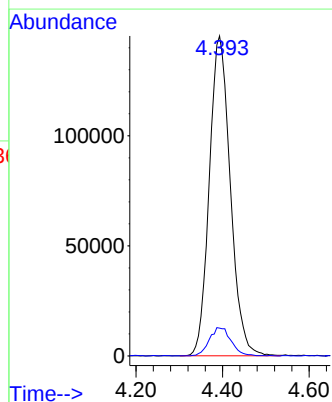
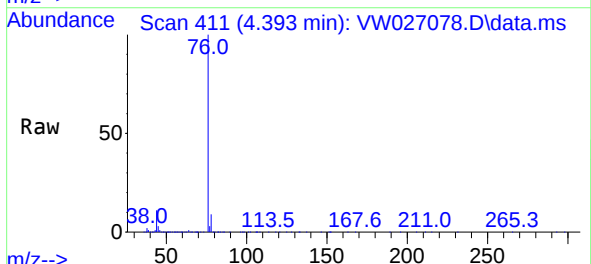
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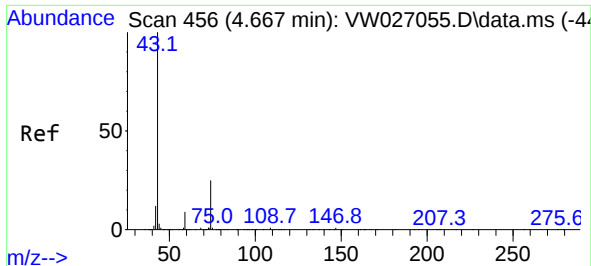
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Ion Ratio Lower Upper
43 100
58 35.6 0.0 66.4



#14
Carbon disulfide
Concen: 19.909 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 76 Resp: 489359
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

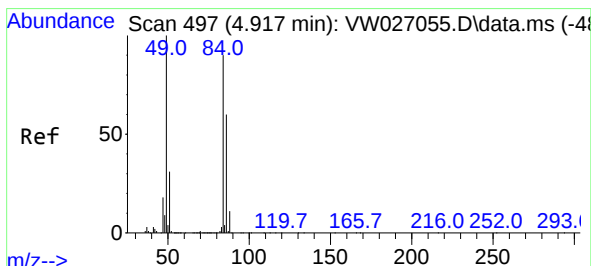
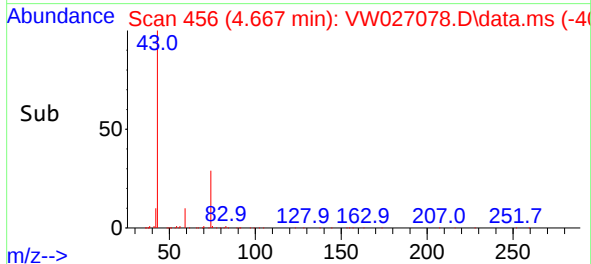
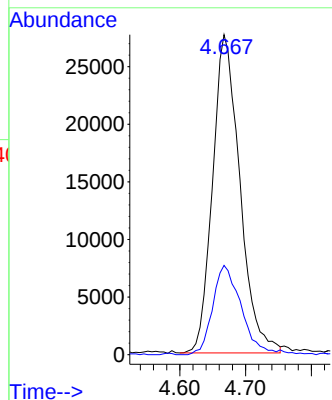
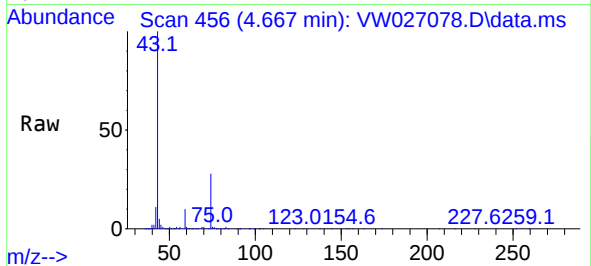




#15
Methyl Acetate
Concen: 23.483 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

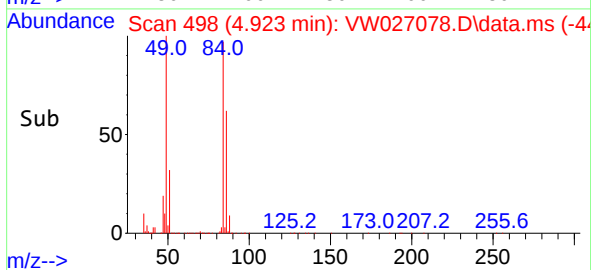
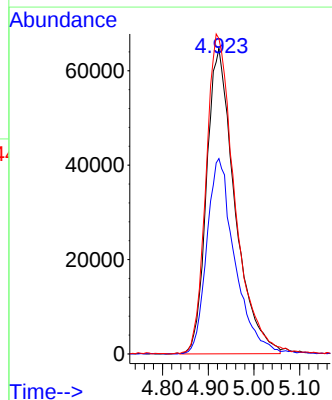
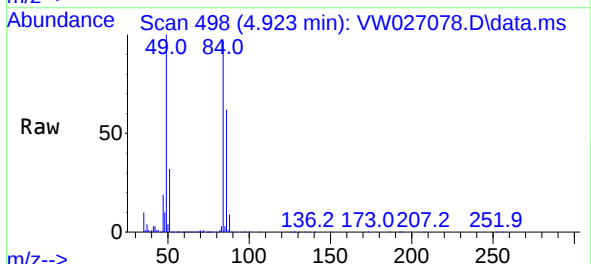
Instrument :
MSVOA_W
ClientSampleId :

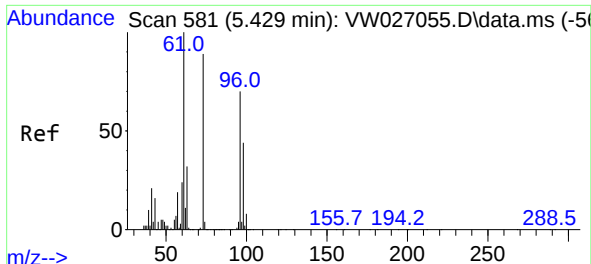
Tgt Ion: 43 Resp: 79822
Ion Ratio Lower Upper
43 100
74 29.0 0.1 0.1#



#16
Methylene chloride
Concen: 26.434 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 84 Resp: 277768
Ion Ratio Lower Upper
84 100
86 64.0 44.1 81.9
49 103.3 82.1 152.5

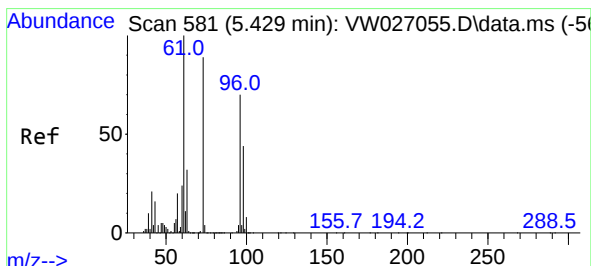
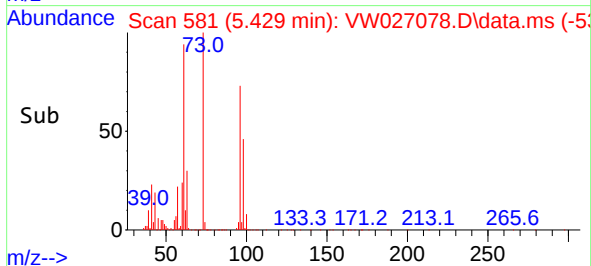
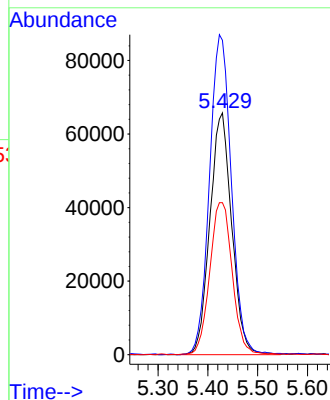
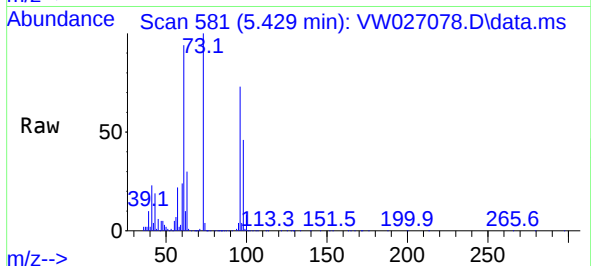




#17
trans-1,2-Dichloroethene
Concen: 23.852 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

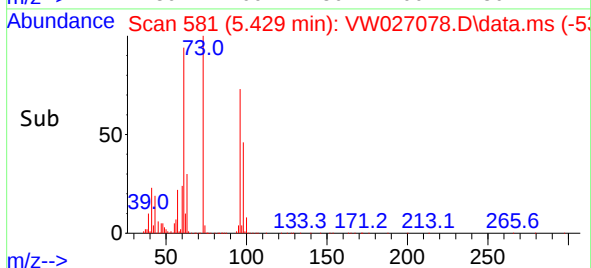
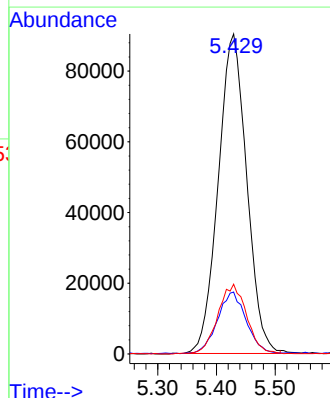
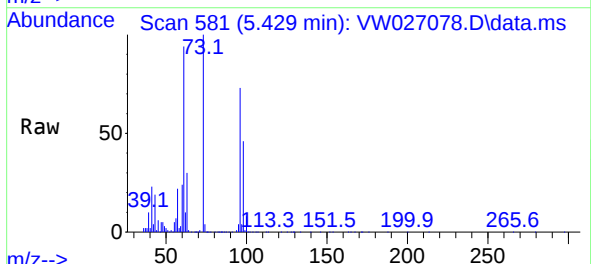
Instrument :
MSVOA_W
ClientSampleId :

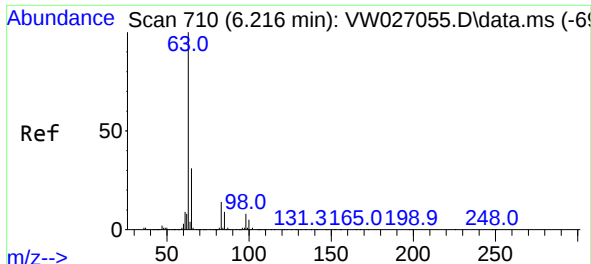
Tgt Ion: 96 Resp: 200059
Ion Ratio Lower Upper
96 100
61 130.0 100.3 186.3
98 62.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 26.061 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 73 Resp: 304381
Ion Ratio Lower Upper
73 100
43 19.5 16.5 24.7
57 22.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 24.105 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

ClientSampleId :

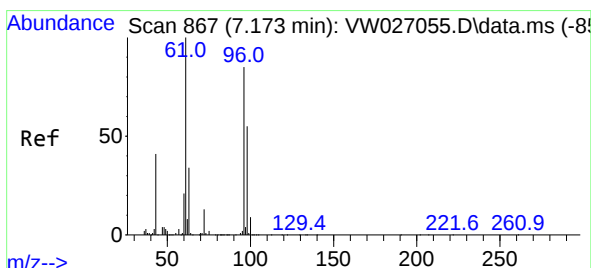
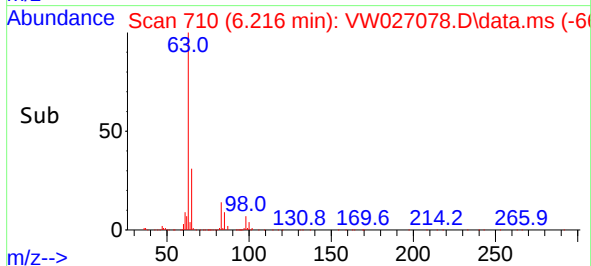
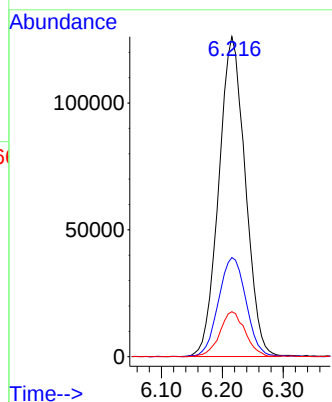
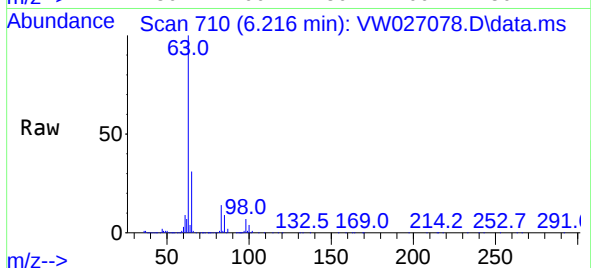
Tgt Ion: 63 Resp: 381132

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 14.0 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 25.615 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

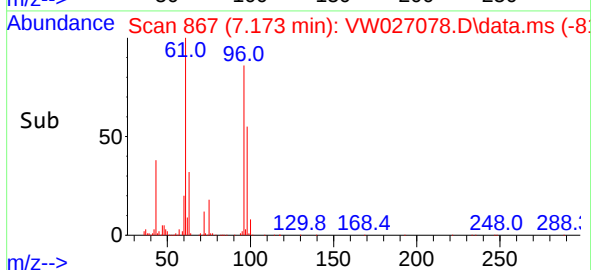
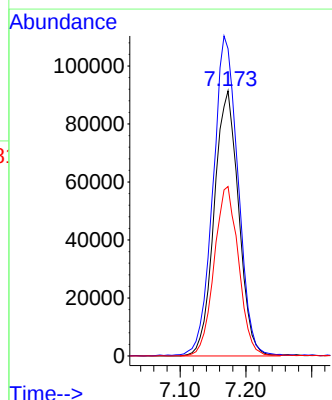
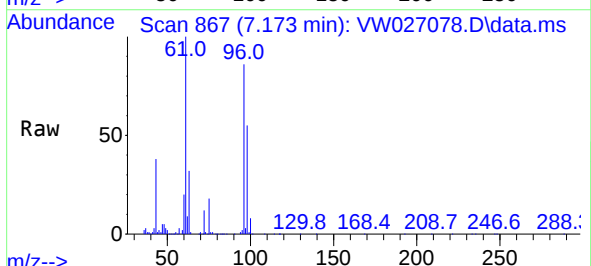
Tgt Ion: 96 Resp: 236437

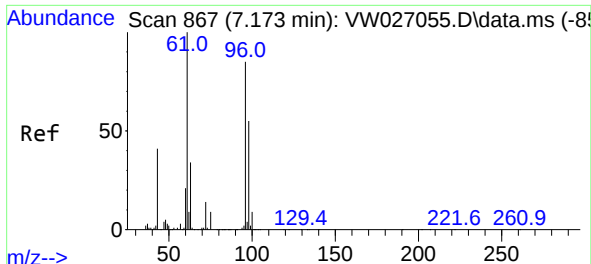
Ion Ratio Lower Upper

96 100

61 115.8 89.0 165.4

98 63.9 43.6 81.0

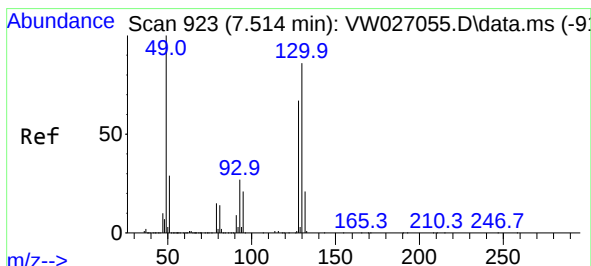
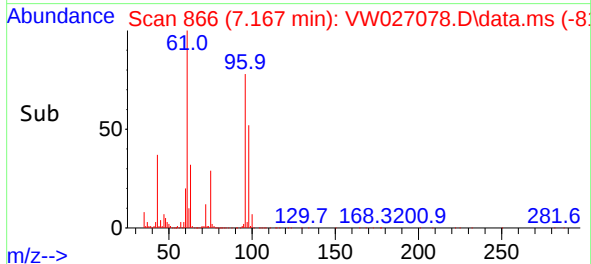
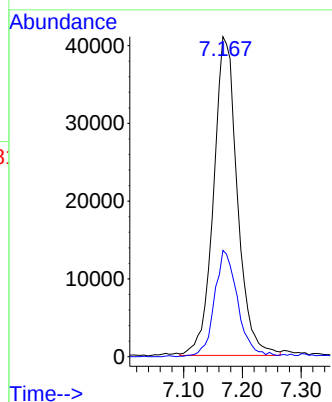
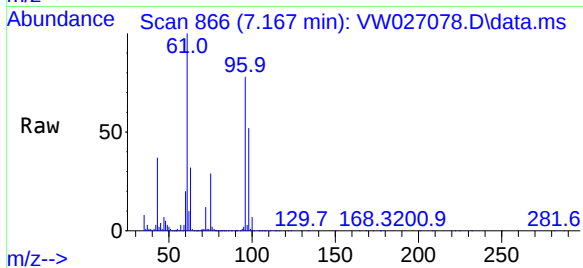




#22
2-Butanone
Concen: 43.793 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

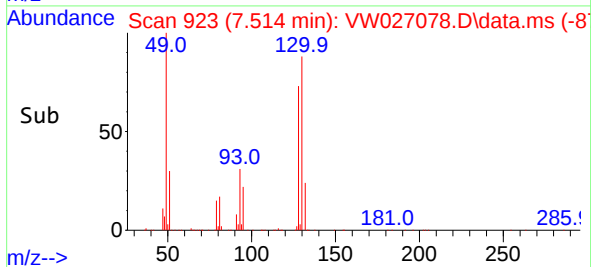
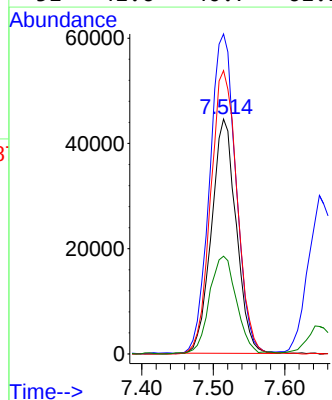
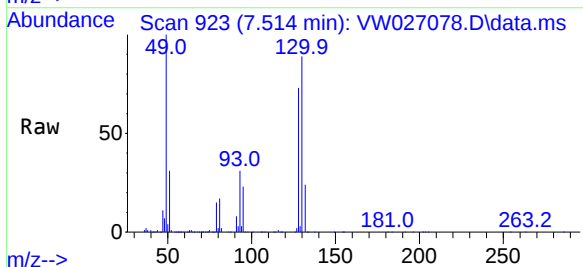
Instrument :
MSVOA_W
ClientSampleId :

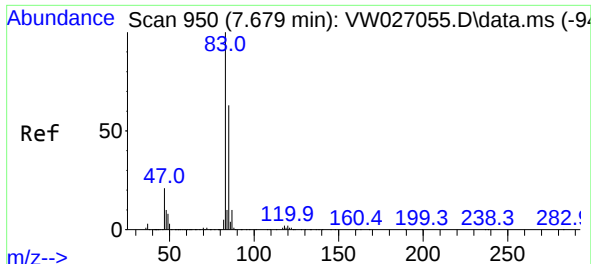
Tgt Ion: 43 Resp: 115201
Ion Ratio Lower Upper
43 100
72 32.4 14.4 43.0



#23
Bromochloromethane
Concen: 26.667 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 128 Resp: 106820
Ion Ratio Lower Upper
128 100
49 136.2 111.6 207.2
130 120.6 90.9 168.7
51 41.6 40.7 61.1

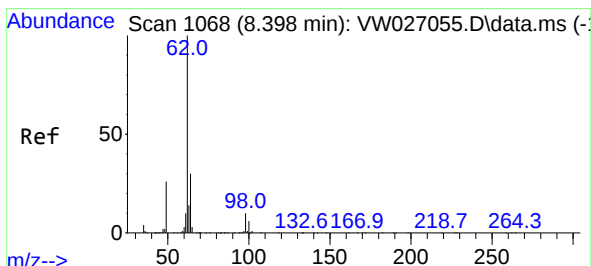
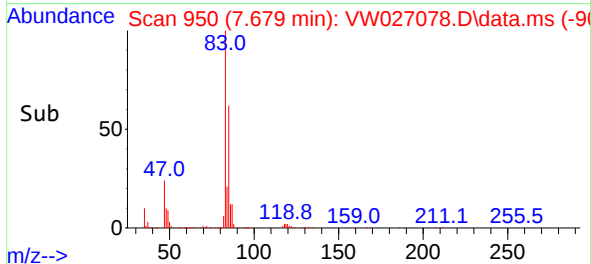
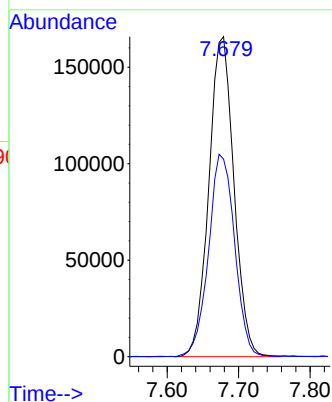
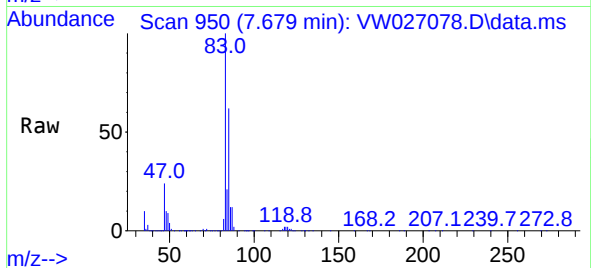




#25
Chloroform
Concen: 26.055 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

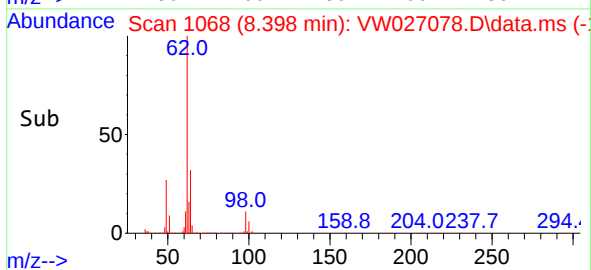
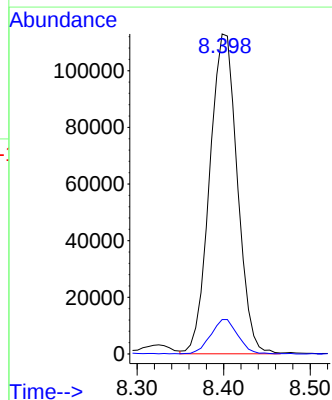
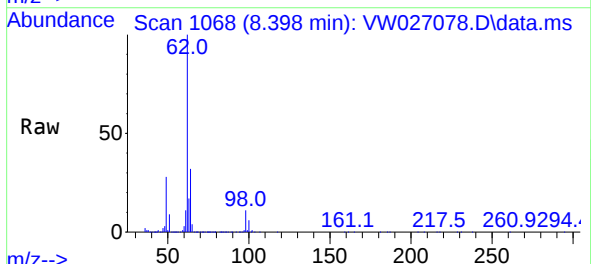
Instrument :
MSVOA_W
ClientSampleId :

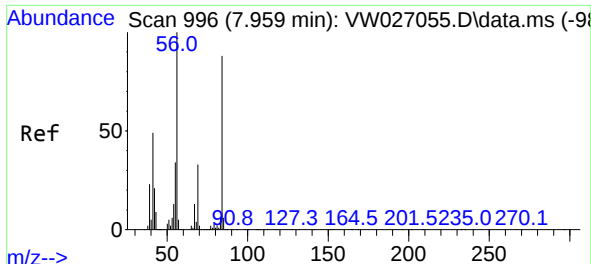
Tgt Ion: 83 Resp: 404057
Ion Ratio Lower Upper
83 100
85 61.8 47.3 87.9



#27
1,2-Dichloroethane
Concen: 25.612 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 62 Resp: 251037
Ion Ratio Lower Upper
62 100
98 10.8 7.6 11.4





#29

Cyclohexane

Concen: 20.027 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

ClientSampleId :

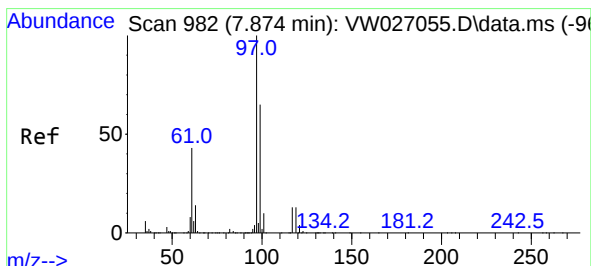
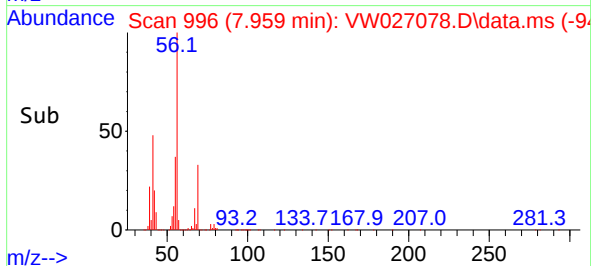
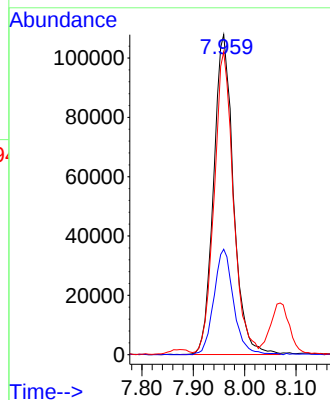
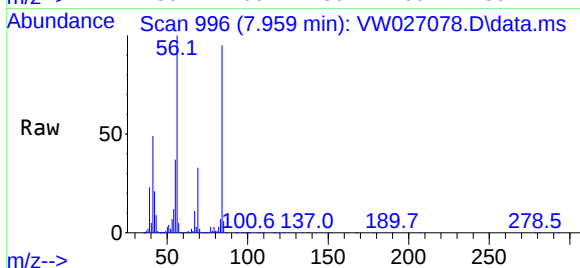
Tgt Ion: 56 Resp: 288909

Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 91.2 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 24.417 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

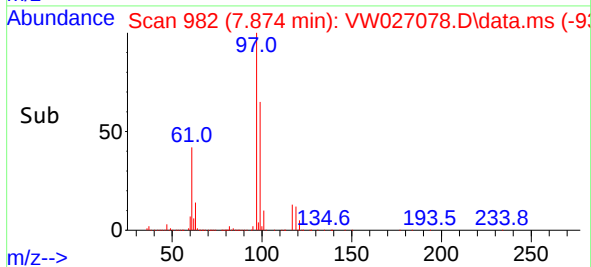
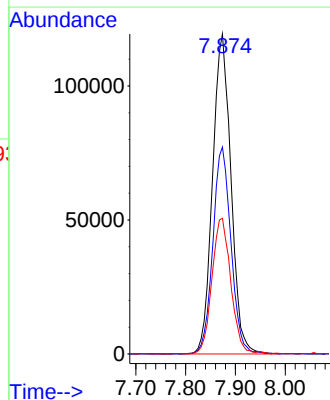
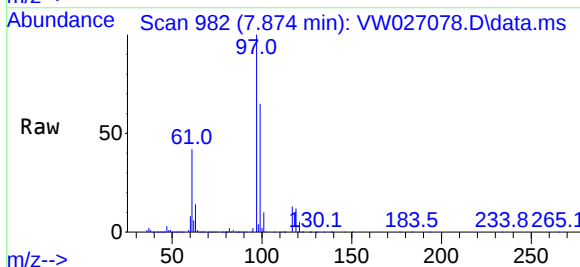
Tgt Ion: 97 Resp: 306028

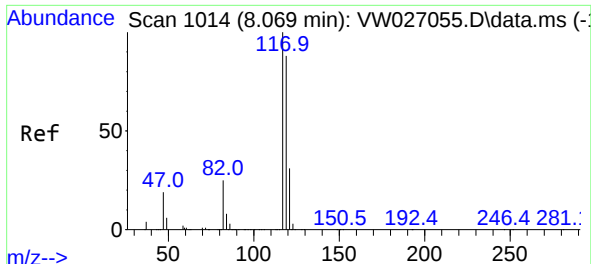
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 43.2 37.6 56.4

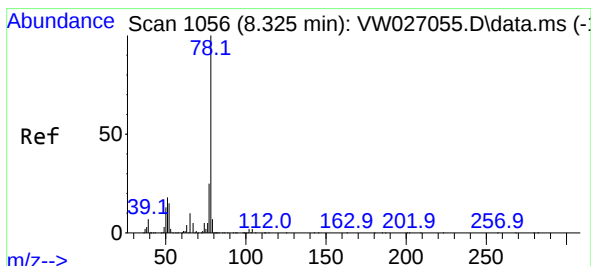
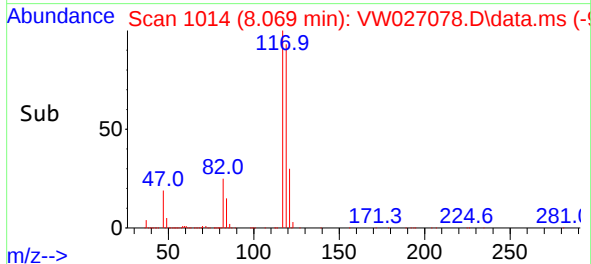
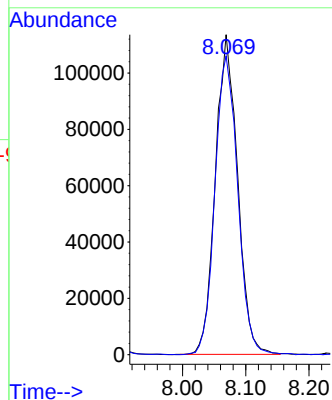
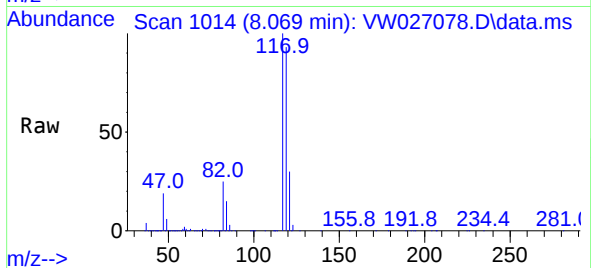




#31
Carbon tetrachloride
Concen: 24.736 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

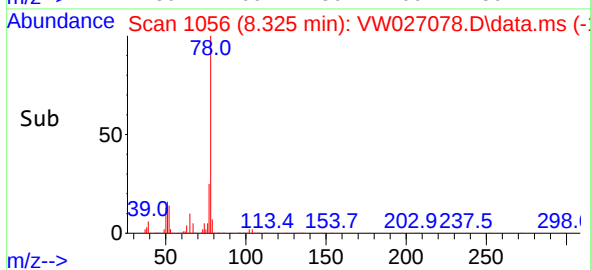
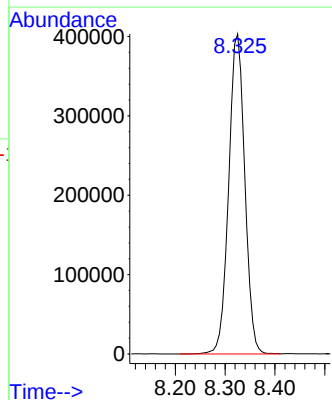
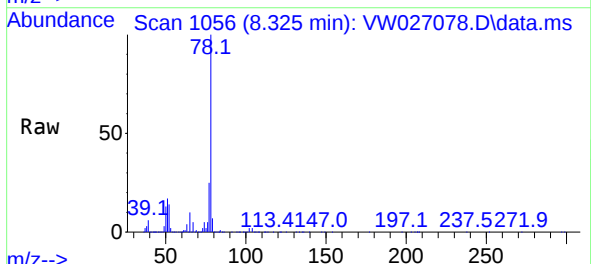
Instrument :
MSVOA_W
ClientSampleId :

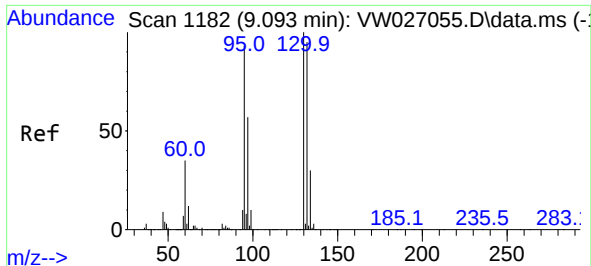
Tgt Ion:117 Resp: 276319
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 23.893 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 78 Resp: 904119

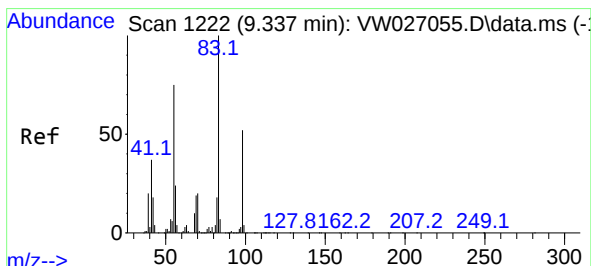
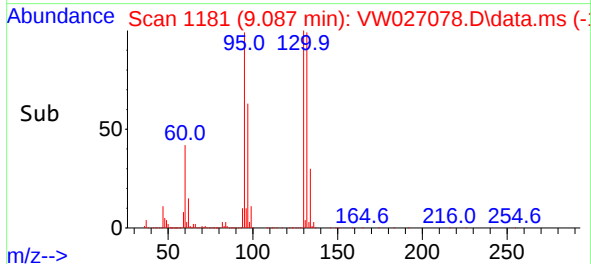
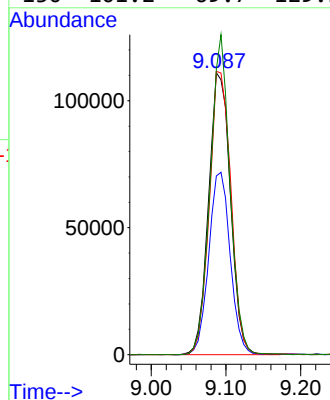
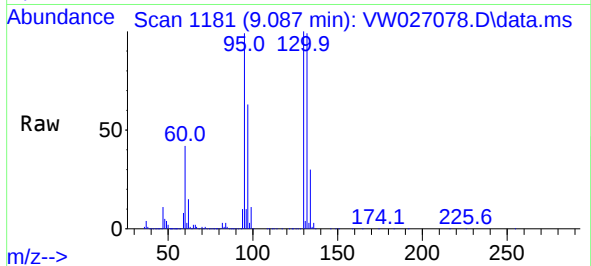




#34
Trichloroethene
Concen: 23.241 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

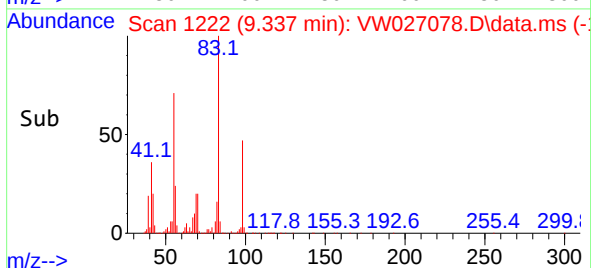
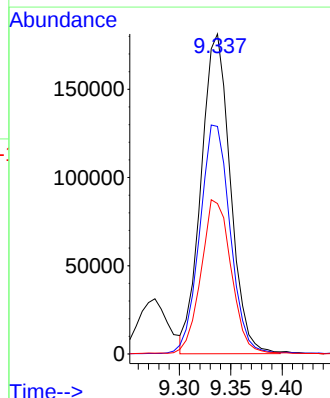
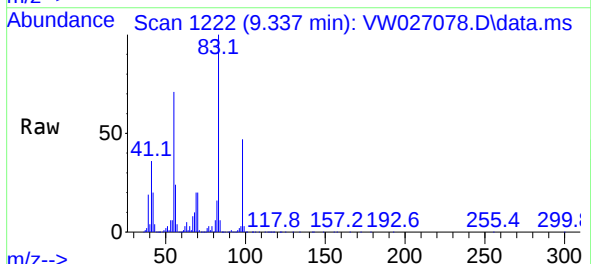
Instrument :
MSVOA_W
ClientSampleId :

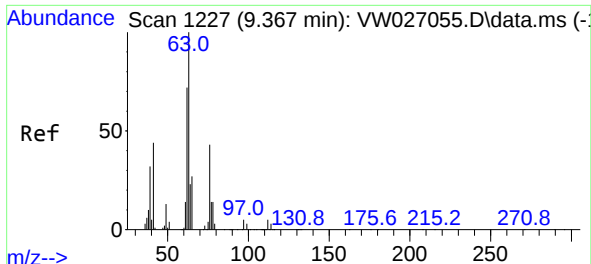
Tgt Ion: 95 Resp: 225966
Ion Ratio Lower Upper
95 100
97 63.4 42.4 78.8
132 100.5 63.1 117.3
130 101.2 69.7 129.5



#35
Methylcyclohexane
Concen: 21.725 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 83 Resp: 358876
Ion Ratio Lower Upper
83 100
55 74.1 61.7 92.5
98 49.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 23.819 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

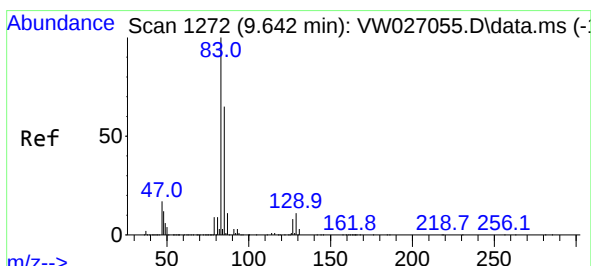
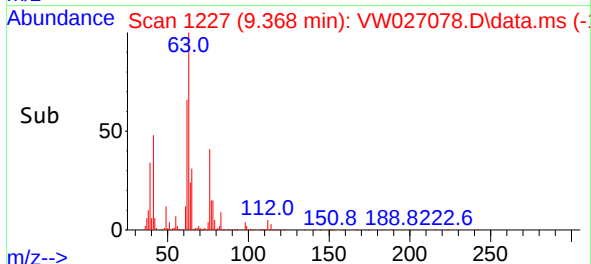
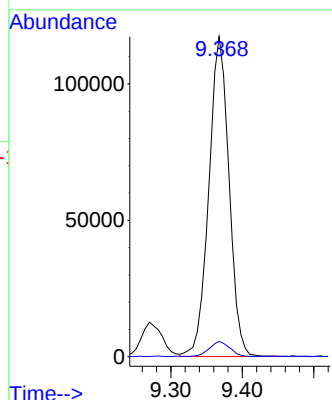
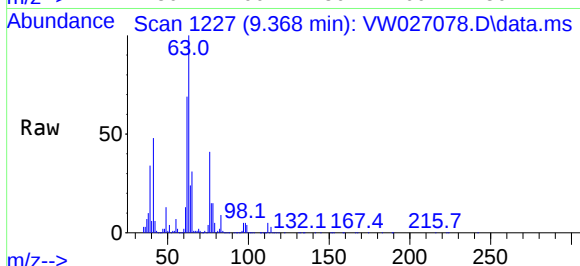
ClientSampleId :

Tgt Ion: 63 Resp: 230005

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 25.198 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

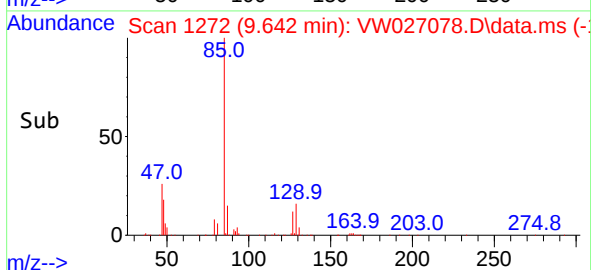
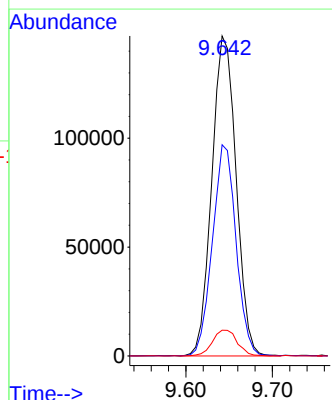
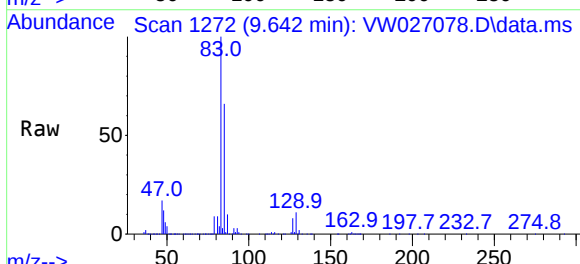
Tgt Ion: 83 Resp: 286552

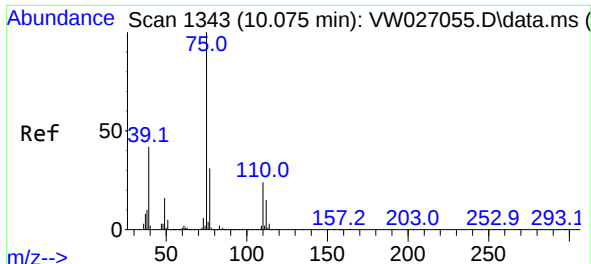
Ion Ratio Lower Upper

83 100

85 66.0 44.4 82.4

127 8.0 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.706 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

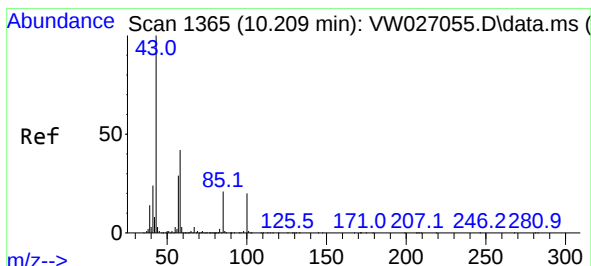
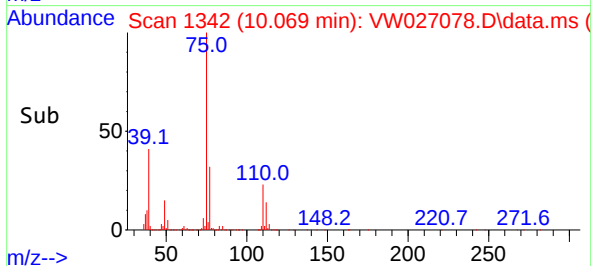
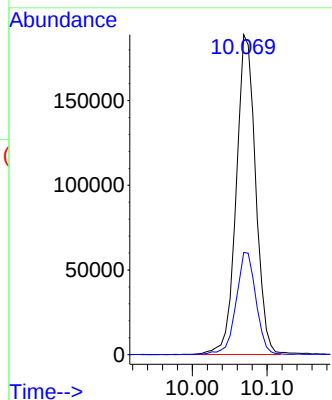
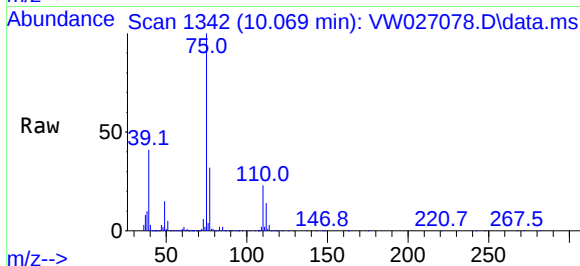
ClientSampleId :

Tgt Ion: 75 Resp: 339828

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 46.871 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

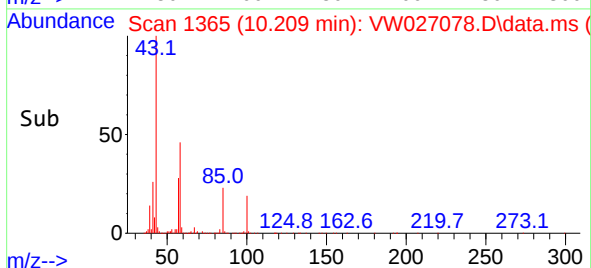
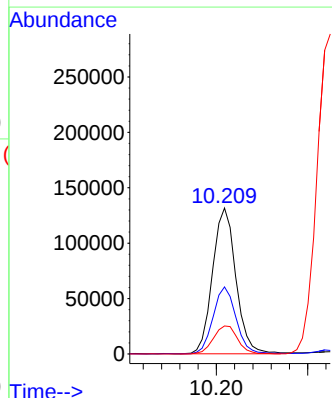
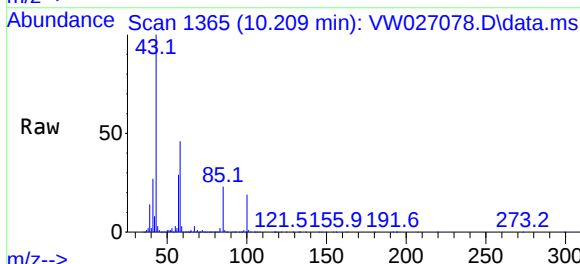
Tgt Ion: 43 Resp: 233669

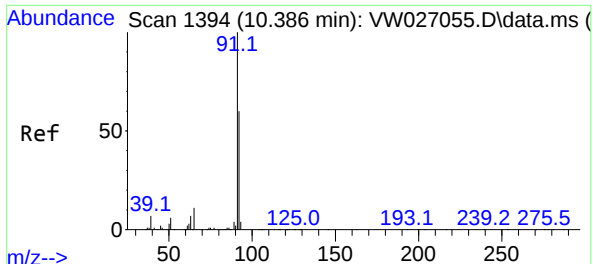
Ion Ratio Lower Upper

43 100

58 45.3 33.4 50.2

100 19.8 13.0 19.4#

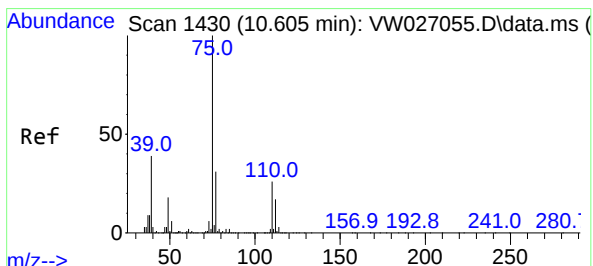
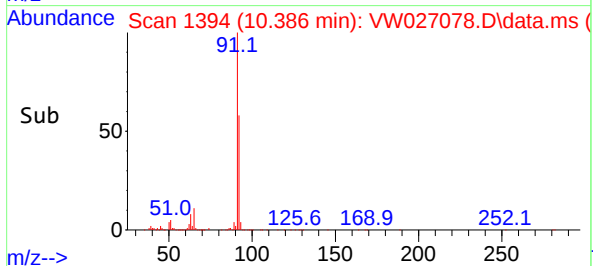
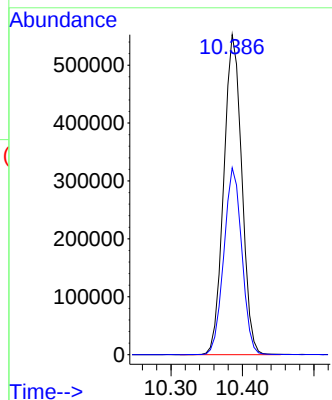
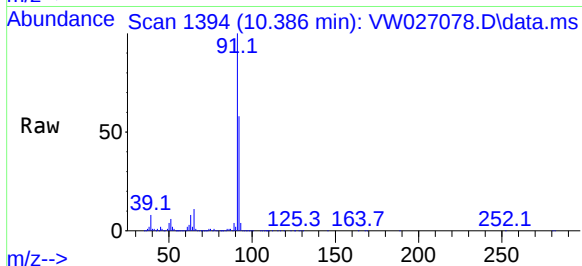




#42
Toluene
Concen: 24.894 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

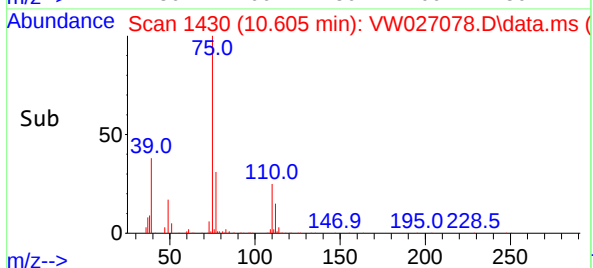
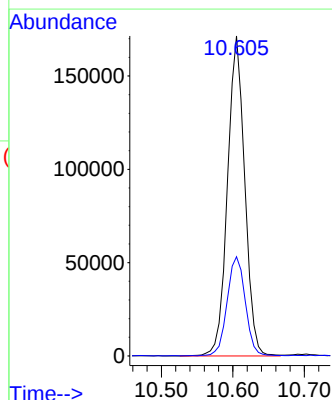
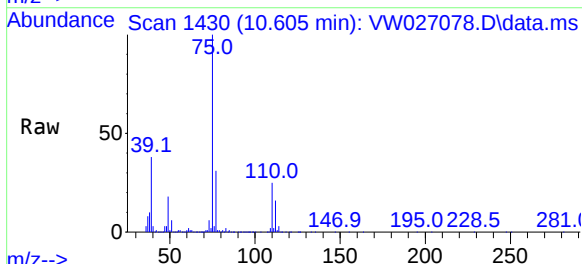
Instrument :
MSVOA_W
ClientSampleId :

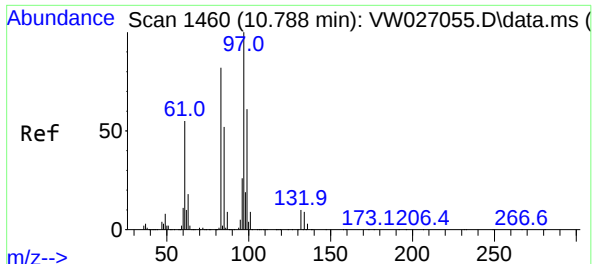
Tgt Ion: 91 Resp: 969422
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.656 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 75 Resp: 287019
Ion Ratio Lower Upper
75 100
77 31.0 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 25.620 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 178218

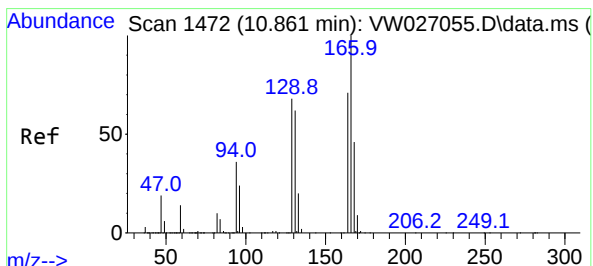
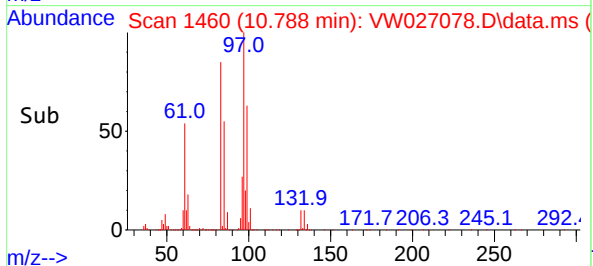
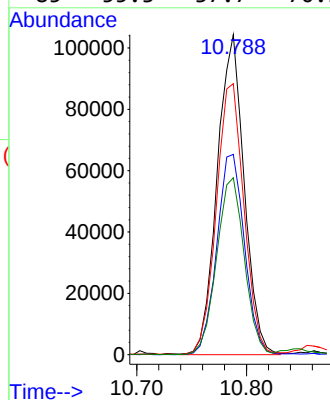
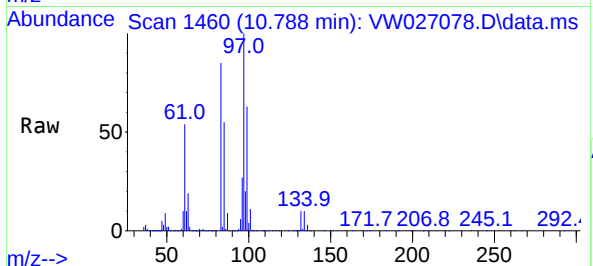
Ion Ratio Lower Upper

97 100

99 62.6 44.7 82.9

83 84.7 60.9 113.1

85 55.3 37.7 70.1



#46

Tetrachloroethene

Concen: 25.767 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Tgt Ion:164 Resp: 191234

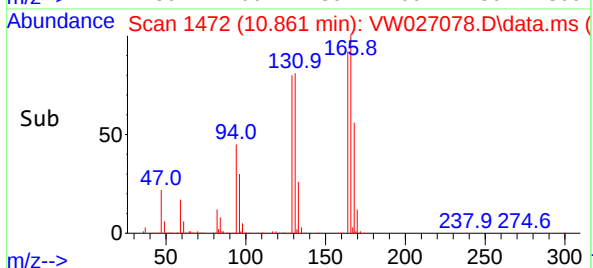
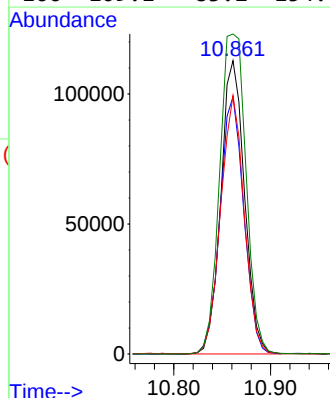
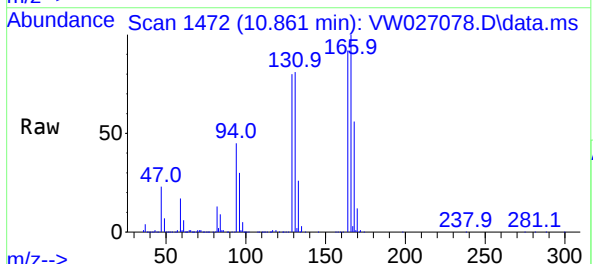
Ion Ratio Lower Upper

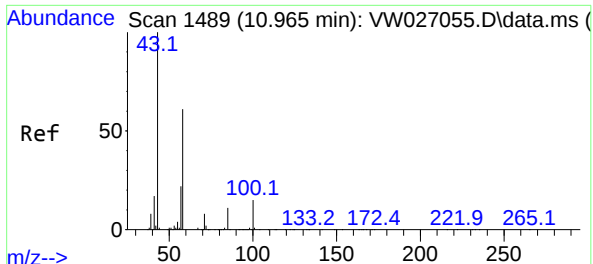
164 100

129 87.7 71.4 132.6

131 88.1 60.8 113.0

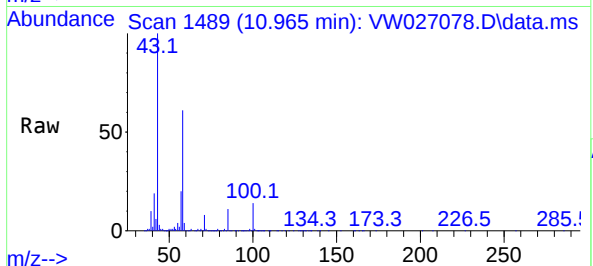
166 109.1 83.2 154.6



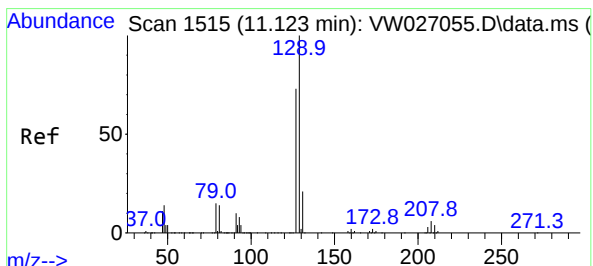
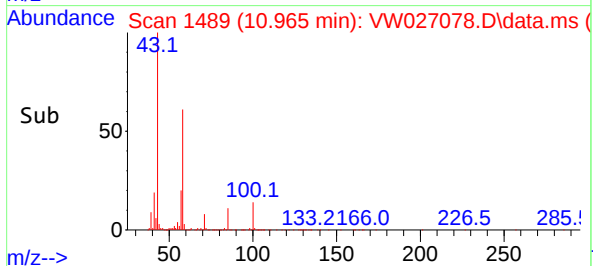
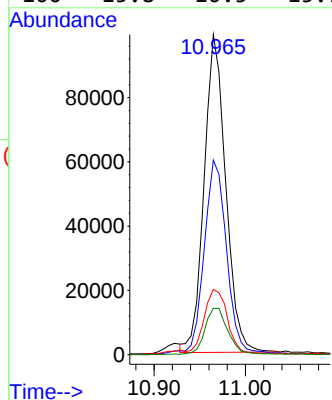


#48
2-Hexanone
Concen: 47.740 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Instrument :
MSVOA_W
ClientSampleId :

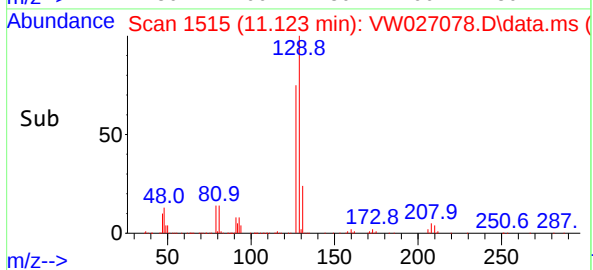
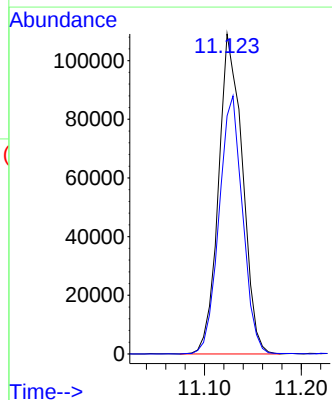
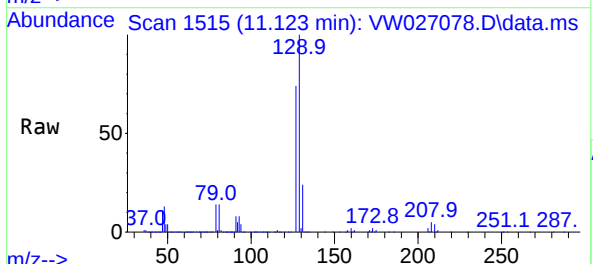


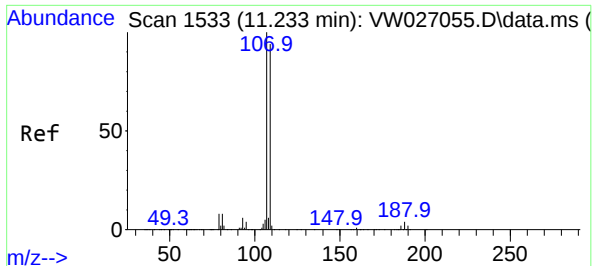
Tgt Ion: 43 Resp: 162200
Ion Ratio Lower Upper
43 100
58 63.3 47.5 71.3
57 22.3 15.2 22.8
100 15.8 10.5 15.7#



#49
Dibromochloromethane
Concen: 26.129 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 129 Resp: 187232
Ion Ratio Lower Upper
129 100
127 74.4 47.5 88.3

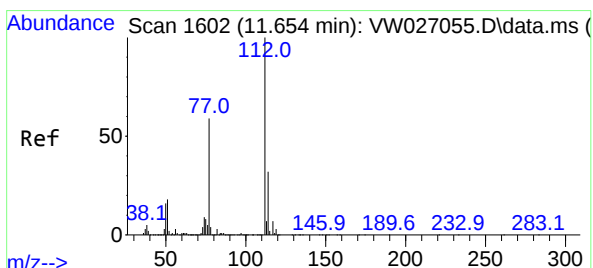
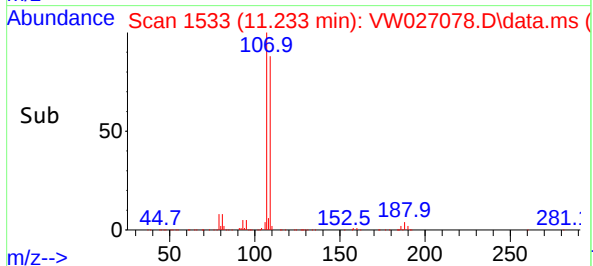
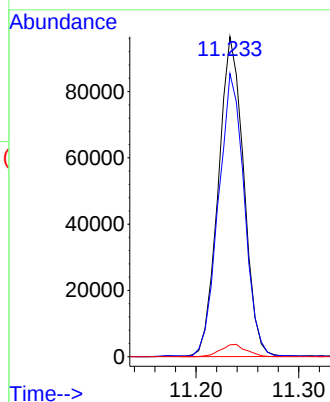
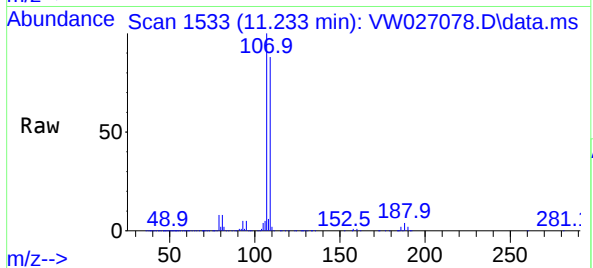




#50
1,2-Dibromoethane
Concen: 26.237 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

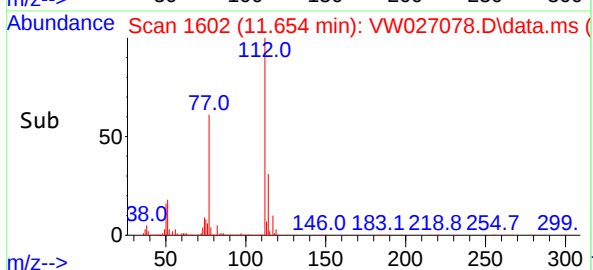
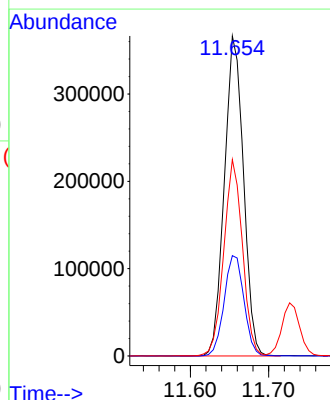
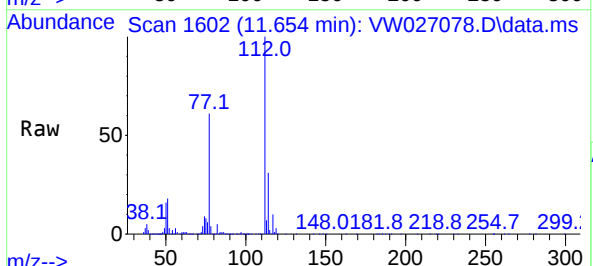
Instrument :
MSVOA_W
ClientSampleId :

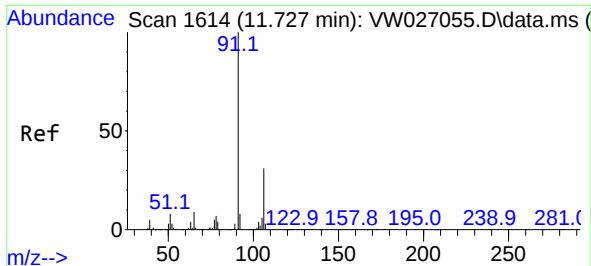
Tgt Ion:107 Resp: 165236
Ion Ratio Lower Upper
107 100
109 88.5 68.5 127.1
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 24.814 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion:112 Resp: 622405
Ion Ratio Lower Upper
112 100
114 31.4 20.5 38.1
77 61.4 49.5 74.3





#52

Ethylbenzene

Concen: 24.760 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

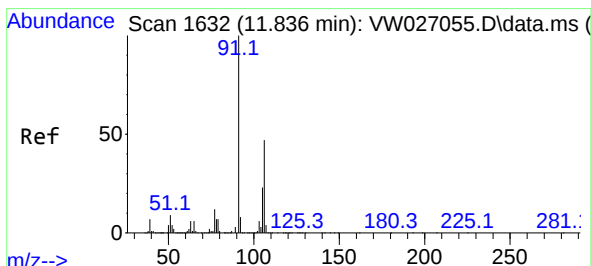
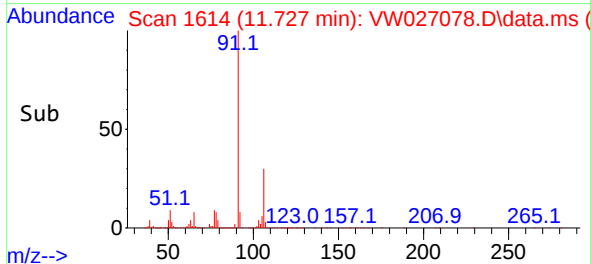
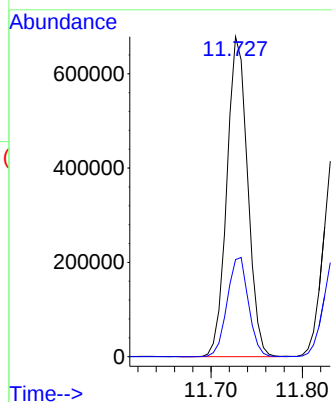
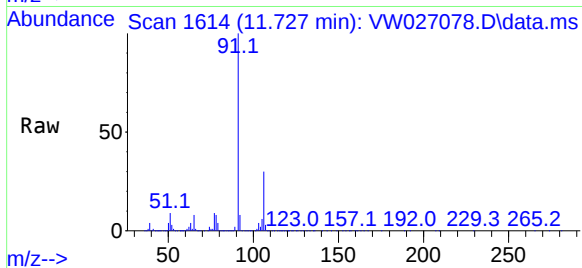
ClientSampleId :

Tgt Ion: 91 Resp: 1068926

Ion Ratio Lower Upper

91 100

106 30.3 21.1 39.3



#53

m,p-Xylene

Concen: 25.468 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027078.D

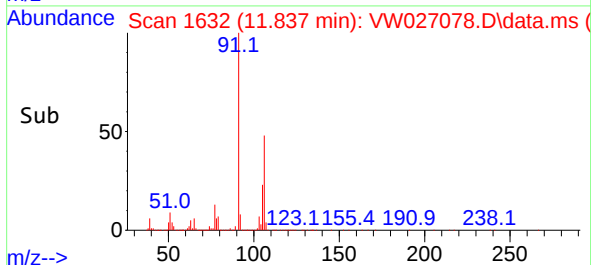
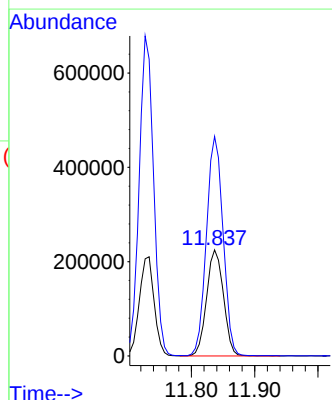
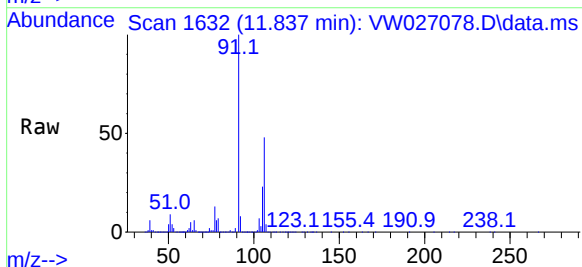
Acq: 12 Sep 2023 19:07

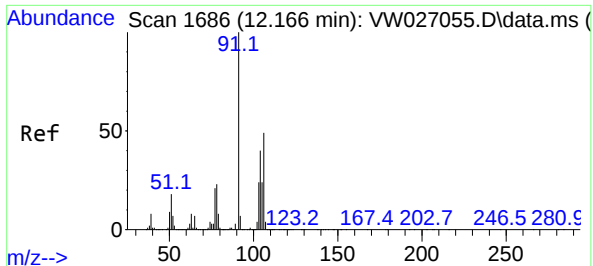
Tgt Ion:106 Resp: 415907

Ion Ratio Lower Upper

106 100

91 207.0 139.6 259.2

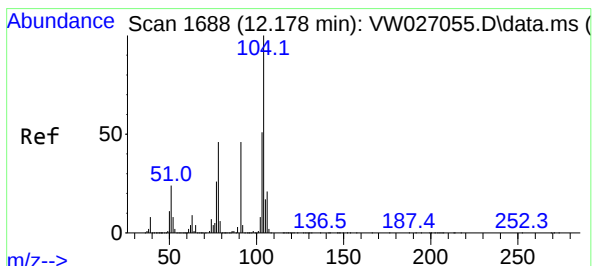
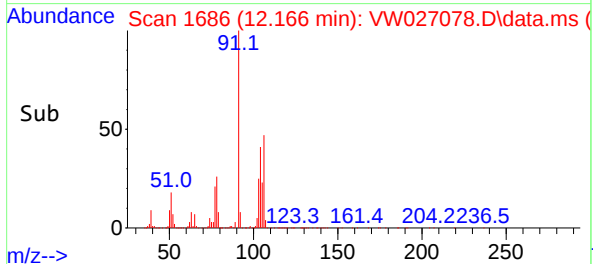
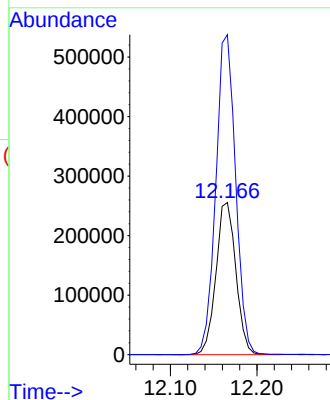
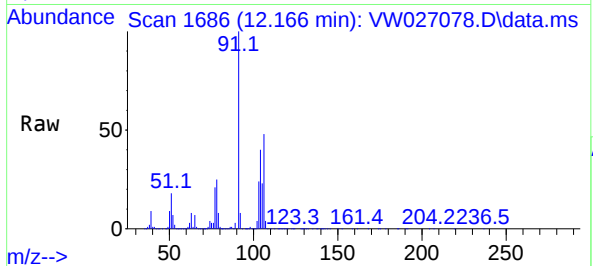




#54
o-Xylene
Concen: 26.715 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

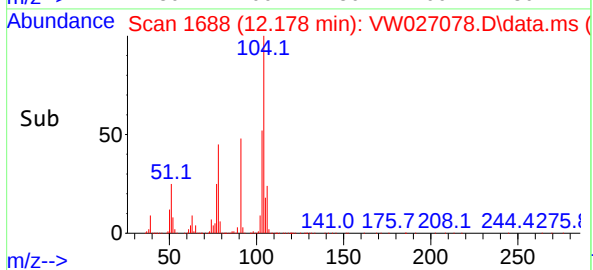
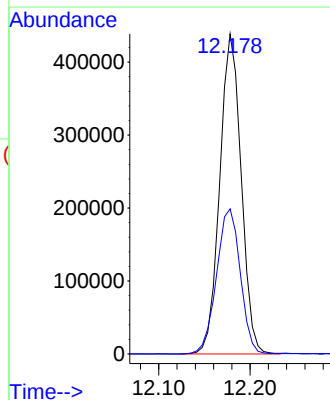
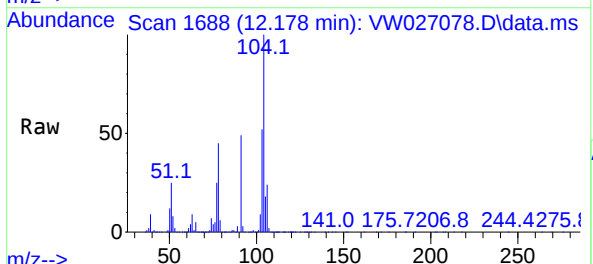
Instrument :
MSVOA_W
ClientSampleId :

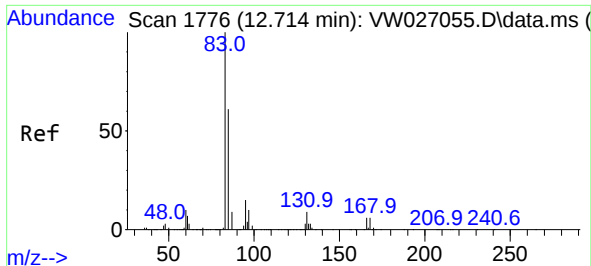
Tgt Ion:106 Resp: 408202
Ion Ratio Lower Upper
106 100
91 210.3 154.0 286.0



#55
Styrene
Concen: 27.424 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion:104 Resp: 715162
Ion Ratio Lower Upper
104 100
78 45.4 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 27.543 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

ClientSampleId :

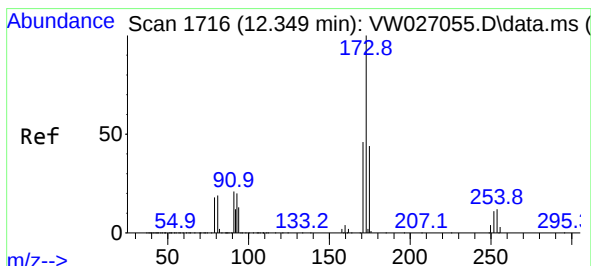
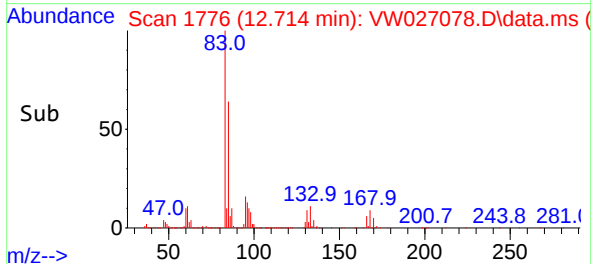
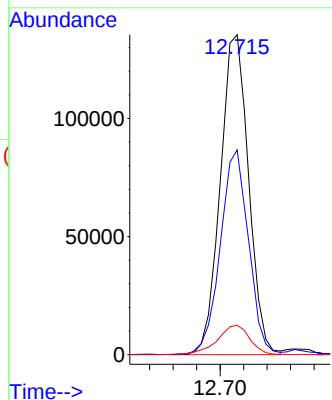
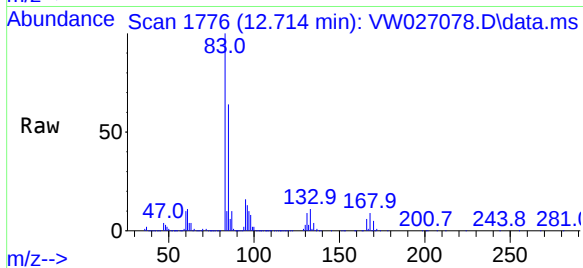
Tgt Ion: 83 Resp: 226661

Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

131 9.2 7.2 10.8



#59

Bromoform

Concen: 25.102 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

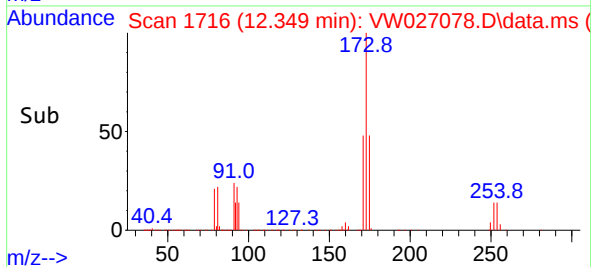
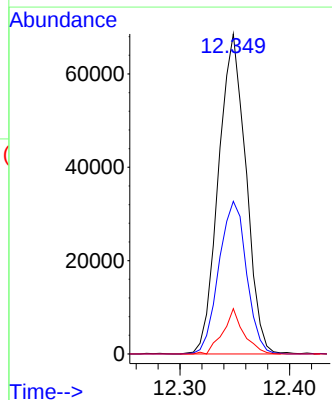
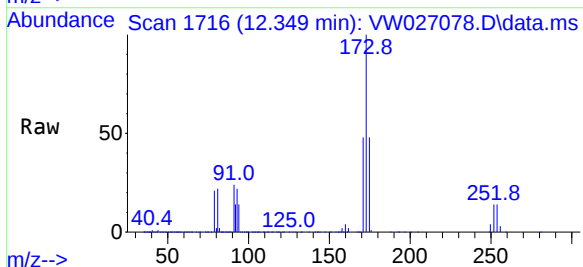
Tgt Ion: 173 Resp: 119092

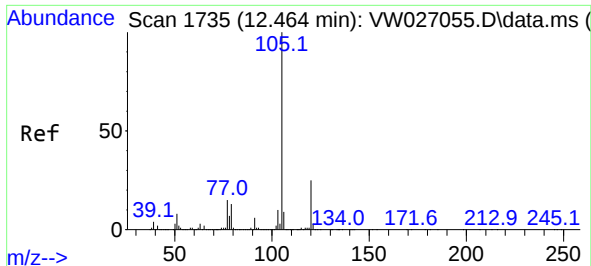
Ion Ratio Lower Upper

173 100

175 48.1 36.6 54.8

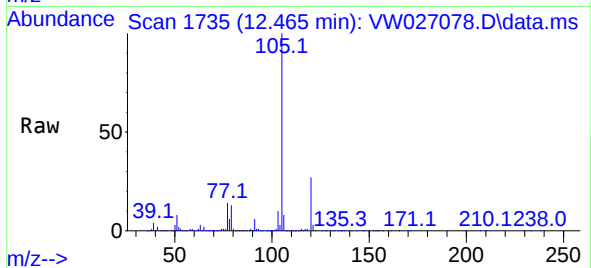
254 10.5 8.5 12.7



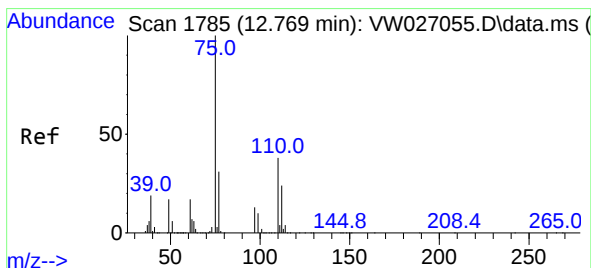
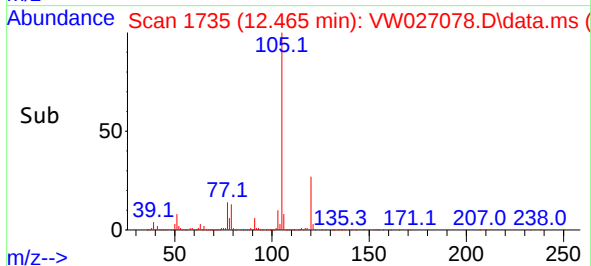
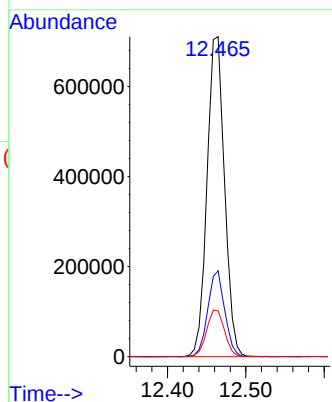


#60
Isopropylbenzene
Concen: 24.098 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Instrument :
MSVOA_W
ClientSampleId :

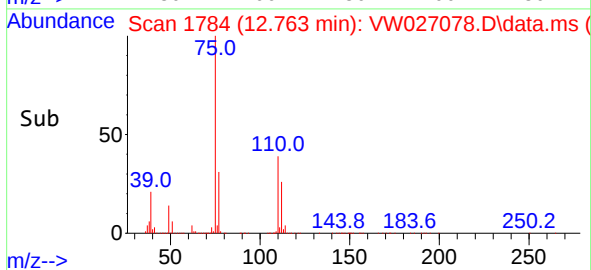
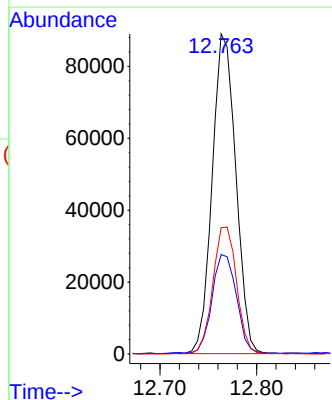
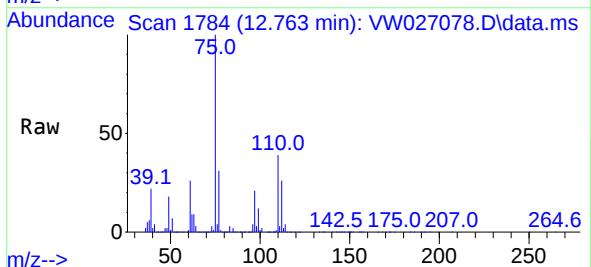


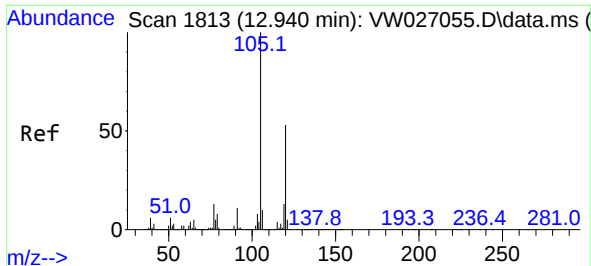
Tgt Ion:105 Resp: 1101255
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.0
77 14.9 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 23.700 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion: 75 Resp: 151250
Ion Ratio Lower Upper
75 100
77 31.8 26.3 39.5
110 40.0 30.5 45.7

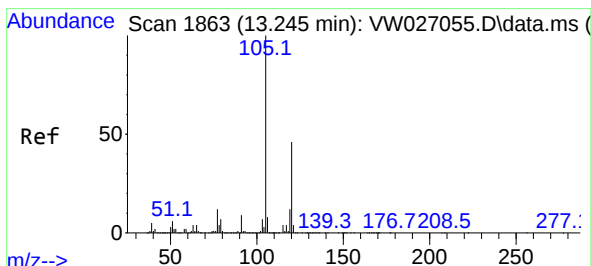
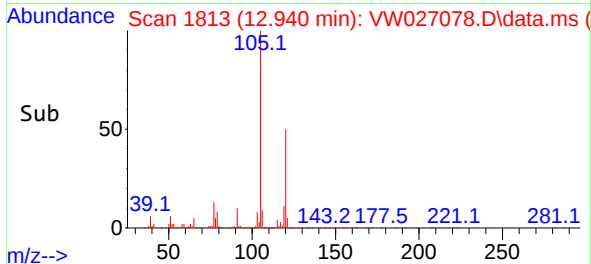
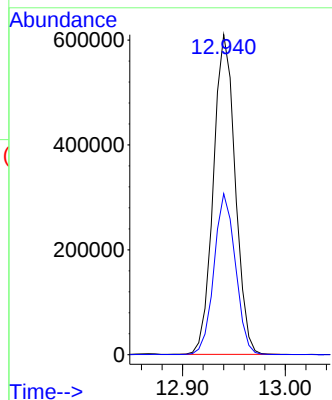
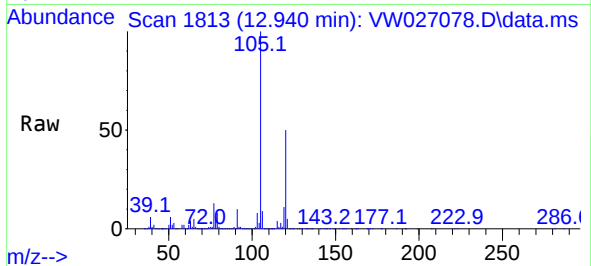




#62
1,3,5-Trimethylbenzene
Concen: 24.622 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

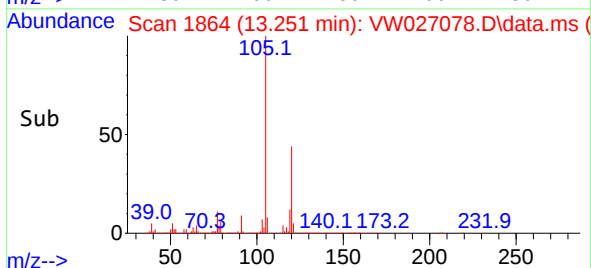
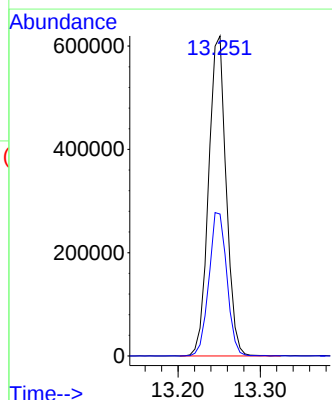
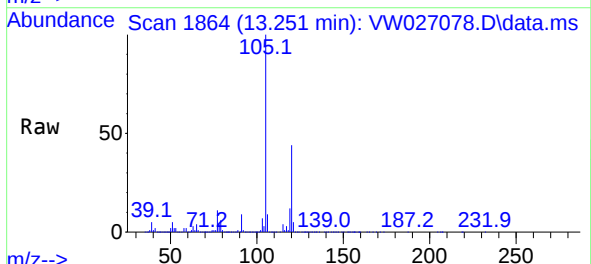
Instrument :
MSVOA_W
ClientSampleId :

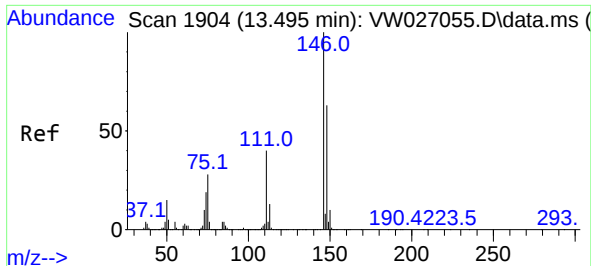
Tgt Ion:105 Resp: 897875
Ion Ratio Lower Upper
105 100
120 49.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.719 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion:105 Resp: 916949
Ion Ratio Lower Upper
105 100
120 45.7 36.3 54.5

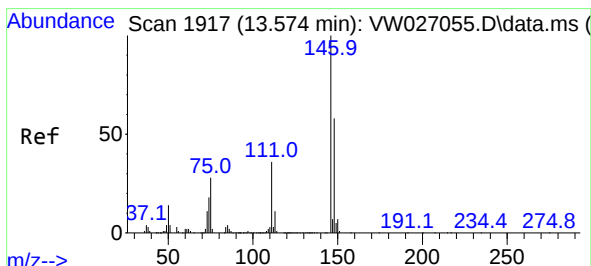
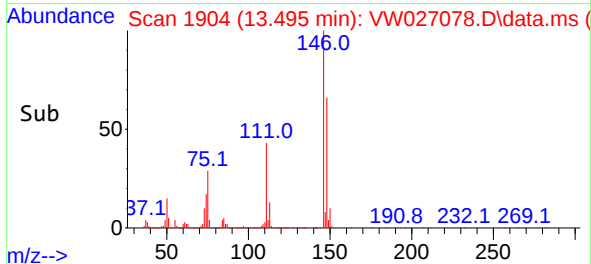
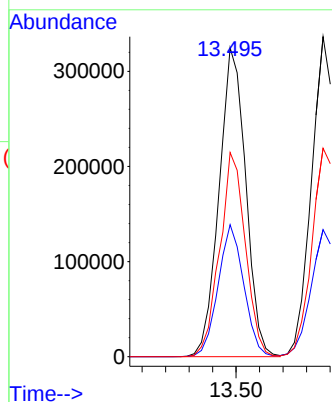
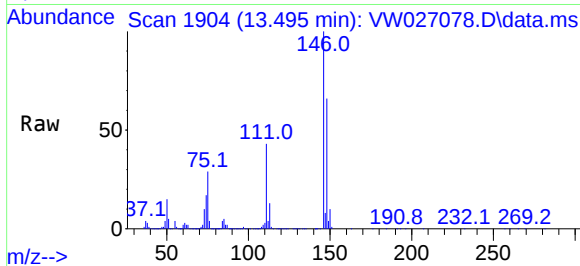




#64
1,3-Dichlorobenzene
Concen: 24.661 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

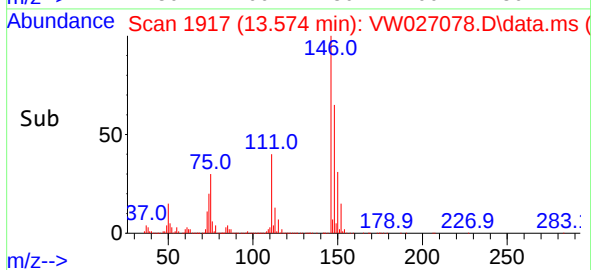
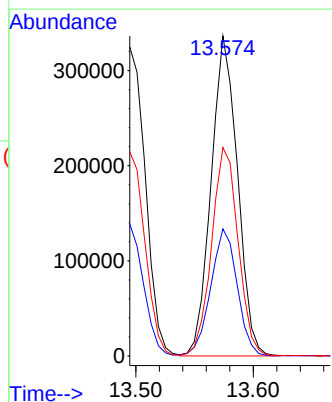
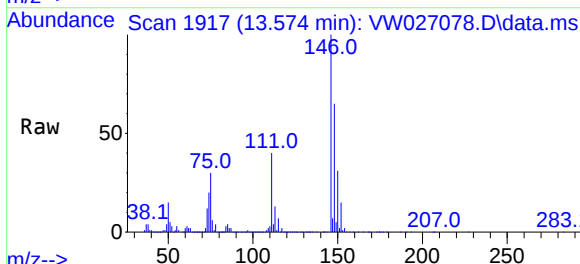
Instrument :
MSVOA_W
ClientSampleId :

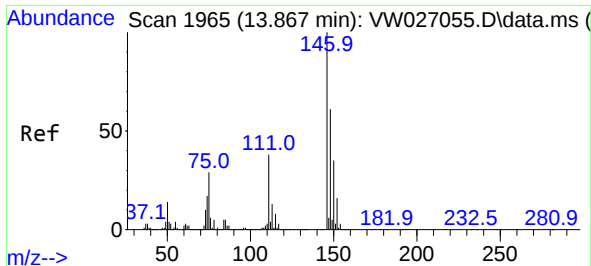
Tgt Ion:146 Resp: 512693
Ion Ratio Lower Upper
146 100
111 42.7 26.9 50.1
148 66.1 39.2 72.8



#65
1,4-Dichlorobenzene
Concen: 24.861 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion:146 Resp: 525326
Ion Ratio Lower Upper
146 100
111 39.7 25.8 47.8
148 65.1 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 24.925 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

Instrument :

MSVOA_W

ClientSampleId :

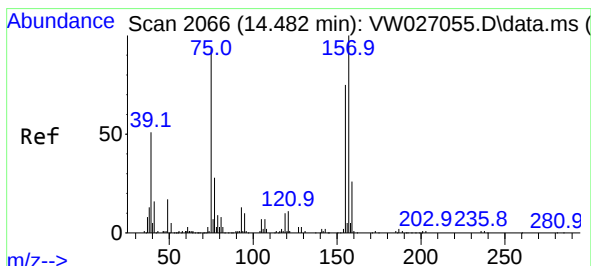
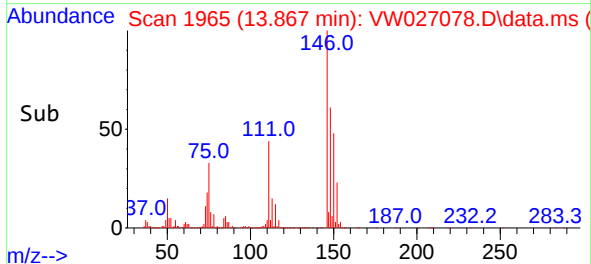
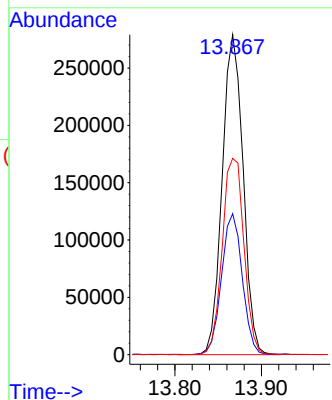
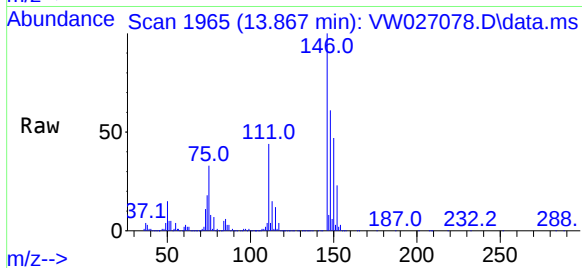
Tgt Ion:146 Resp: 466879

Ion Ratio Lower Upper

146 100

111 44.1 34.0 51.0

148 61.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.812 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027078.D

Acq: 12 Sep 2023 19:07

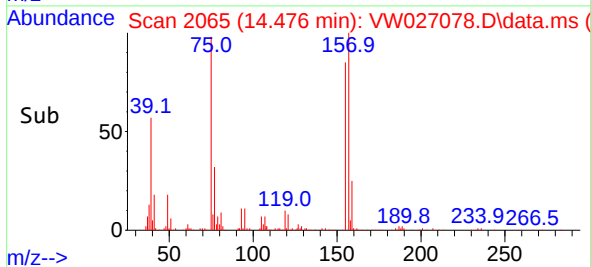
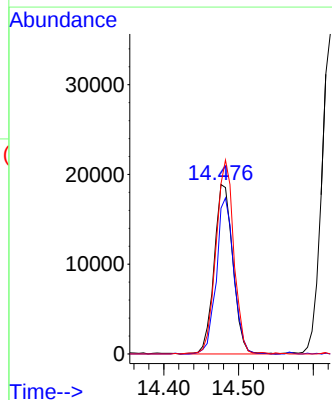
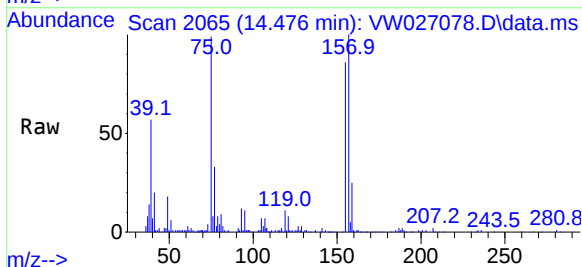
Tgt Ion: 75 Resp: 33013

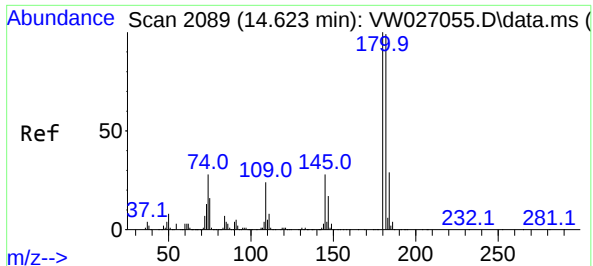
Ion Ratio Lower Upper

75 100

155 86.1 65.9 98.9

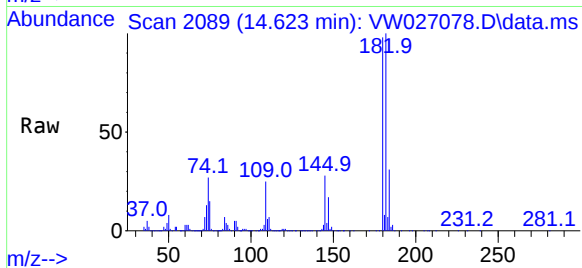
157 100.5 68.7 103.1



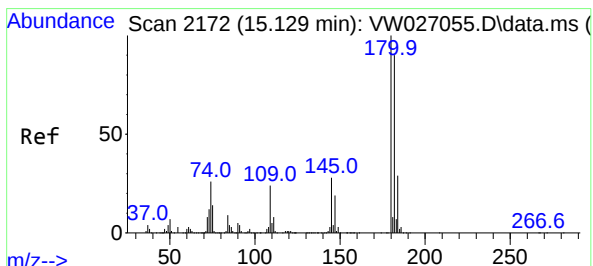
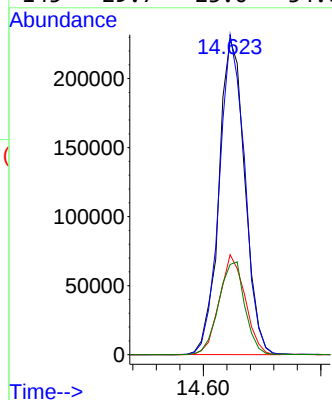
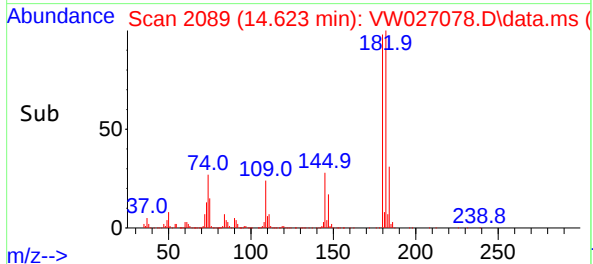


#69
1,3,5-Trichlorobenzene
Concen: 24.285 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

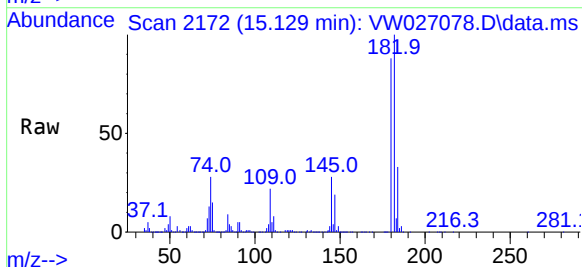
Instrument :
MSVOA_W
ClientSampleId :



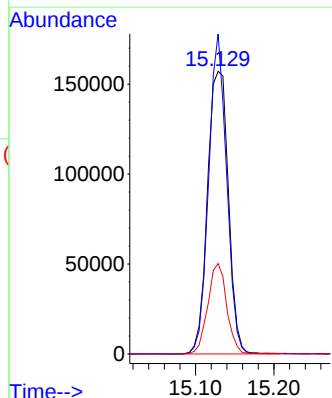
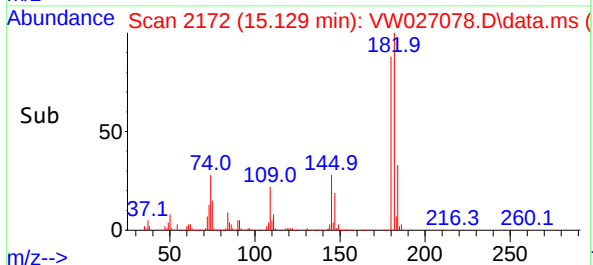
Tgt Ion:180 Resp: 350709
Ion Ratio Lower Upper
180 100
182 98.8 73.6 110.4
184 31.3 23.6 35.4
145 29.7 23.0 34.6

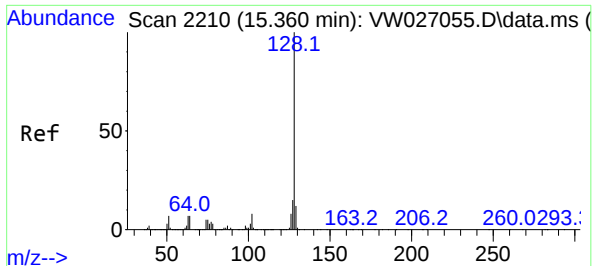


#70
1,2,4-trichlorobenzene
Concen: 24.755 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07



Tgt Ion:180 Resp: 291077
Ion Ratio Lower Upper
180 100
182 97.1 81.0 121.6
145 29.0 24.8 37.2

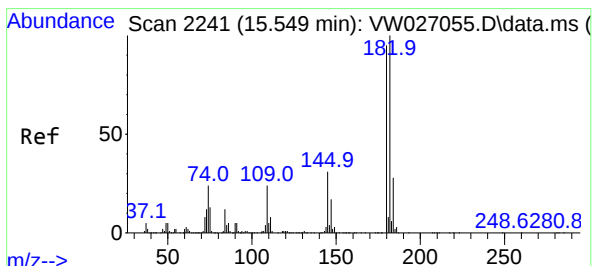
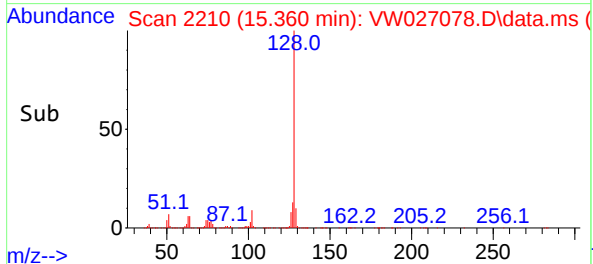
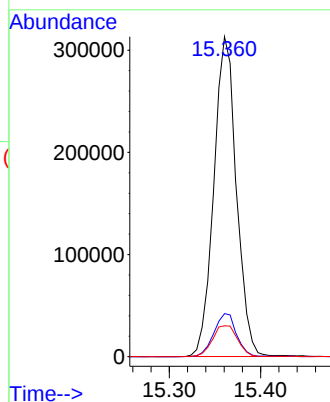
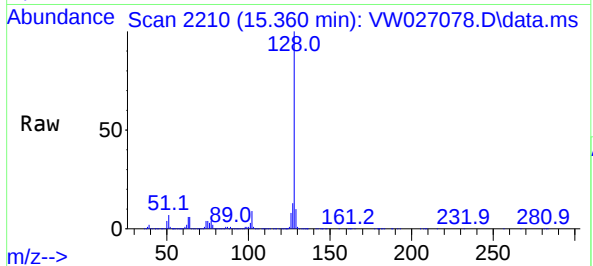




#71
Naphthalene
Concen: 25.859 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	538030
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.9	16.3
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.242 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027078.D
Acq: 12 Sep 2023 19:07

Tgt Ion:	180	Resp:	269065
Ion Ratio	Lower	Upper	
180	100		
182	92.2	76.2	114.4
145	30.7	25.6	38.4

