

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027053.D
 Acq On : 12 Sep 2023 00:49
 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 12 01:23:50 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	517554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	321485	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	158514	17.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
7) Chloroethane-d5	2.893	69	149219	19.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	4.021	65	66871	19.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.480%
21) 2-Butanone-d5	7.075	46	92153	51.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.440%
24) Chloroform-d	7.648	84	404240	26.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	8.307	65	202506	25.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.080%
32) Benzene-d6	8.276	84	816291	23.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.276	67	240438	23.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	10.325	98	747477	23.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.575	79	91498	23.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.922	63	53924	56.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232624	29.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	267901	24.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	138488	23.261	ug/L #	72
3) Chloromethane	2.222	50	164973	18.371	ug/L	98
5) Vinyl chloride	2.375	62	208447	20.349	ug/L	94
6) Bromomethane	2.783	94	158498	23.444	ug/L	99
8) Chloroethane	2.930	64	139513	21.705	ug/L	96
9) Trichlorofluoromethane	3.265	101	134656	22.657	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202649	27.457	ug/L	90
12) 1,1-Dichloroethene	4.045	96	189926	25.973	ug/L	95
13) Acetone	4.118	43	73124	46.875	ug/L	95
14) Carbon disulfide	4.393	76	537792	22.930	ug/L	98
15) Methyl Acetate	4.667	43	93274	28.757	ug/L #	88
16) Methylene chloride	4.923	84	252064	25.139	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	213081	26.624	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	327628	29.398	ug/L	97
19) 1,1-Dichloroethane	6.216	63	410179	27.188	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	251325	28.535	ug/L	94
22) 2-Butanone	7.173	43	121055	48.228	ug/L	94
23) Bromochloromethane	7.514	128	117410	30.717	ug/L	94
25) Chloroform	7.679	83	431833	29.183	ug/L	96

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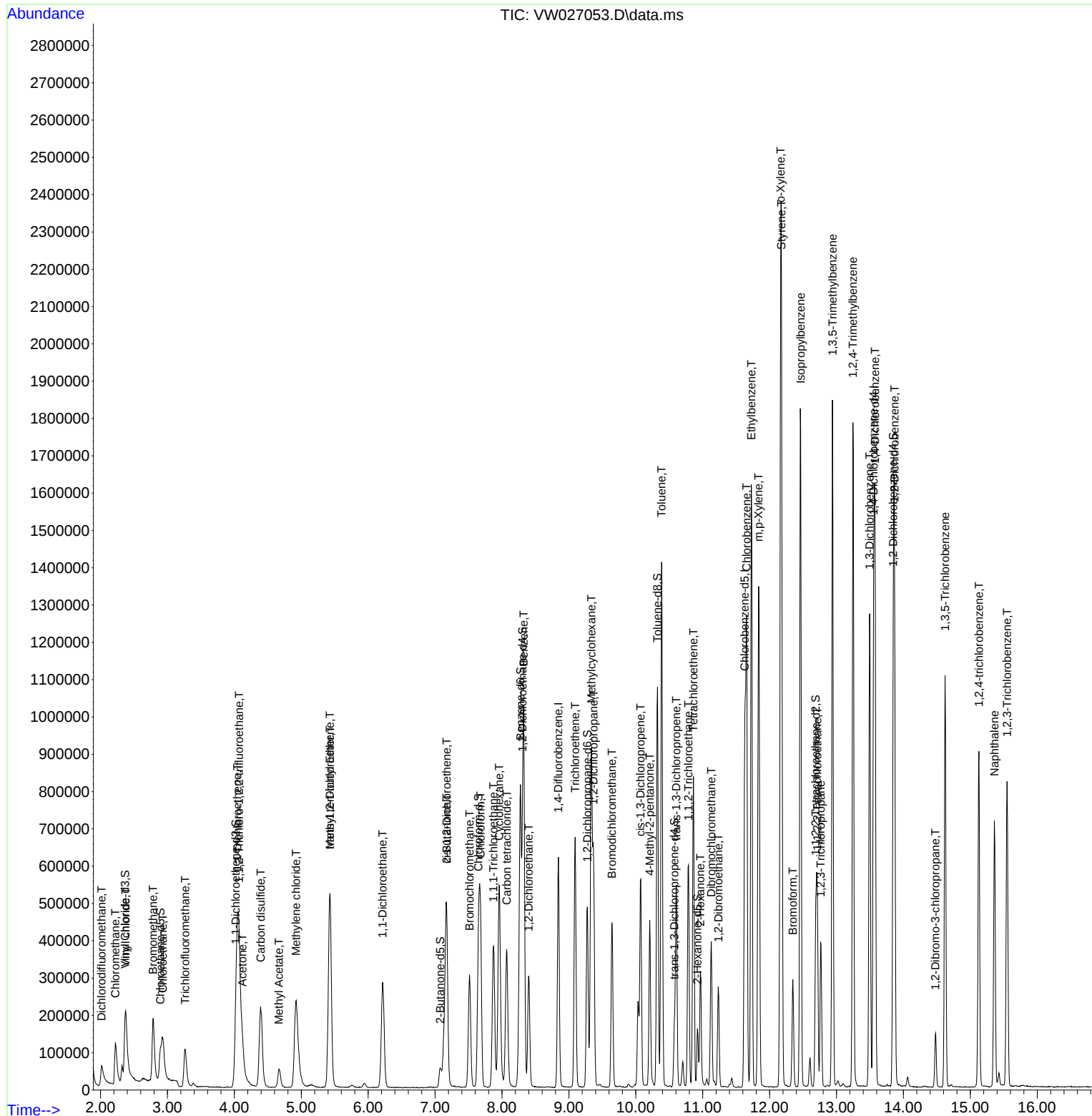
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270461	28.919	ug/L	95
29) Cyclohexane	7.959	56	306789	22.284	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	317352	26.531	ug/L	97
31) Carbon tetrachloride	8.069	117	291957	27.386	ug/L	99
33) Benzene	8.325	78	957566	26.516	ug/L	100
34) Trichloroethene	9.093	95	237778	25.626	ug/L	92
35) Methylcyclohexane	9.337	83	379992	24.103	ug/L	98
37) 1,2-Dichloropropane	9.367	63	244528	26.534	ug/L	98
38) Bromodichloromethane	9.642	83	309355	28.504	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	352808	25.788	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	266685	56.052	ug/L	94
42) Toluene	10.386	91	1042747	28.058	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	306987	27.633	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	200381	30.183	ug/L	96
46) Tetrachloroethene	10.861	164	186292	26.301	ug/L	90
48) 2-Hexanone	10.965	43	184351	56.854	ug/L	97
49) Dibromochloromethane	11.129	129	212136	31.020	ug/L	85
50) 1,2-Dibromoethane	11.233	107	179196	29.815	ug/L	96
51) Chlorobenzene	11.654	112	667000	27.864	ug/L	95
52) Ethylbenzene	11.727	91	1126672	27.346	ug/L	96
53) m,p-Xylene	11.837	106	441941	28.357	ug/L	98
54) o-Xylene	12.166	106	426515	29.248	ug/L	95
55) Styrene	12.178	104	762325	30.630	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.714	83	248898	31.692	ug/L	100
59) Bromoform	12.349	173	131446	28.750	ug/L	93
60) Isopropylbenzene	12.464	105	1162849	26.404	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	176163	28.644	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	945030	26.891	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	954940	27.794	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	544706	27.188	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	553684	27.190	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	497568	27.565	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	39177	28.092	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	359816	25.854	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	306608	27.058	ug/L	94
71) Naphthalene	15.360	128	612859	30.566	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	295283	28.746	ug/L	99

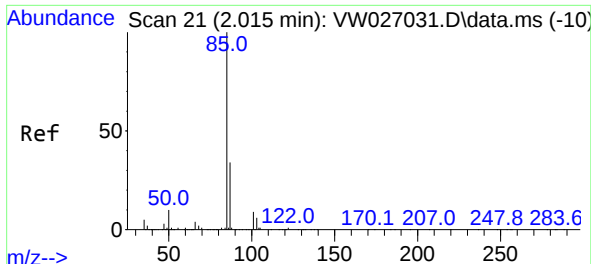
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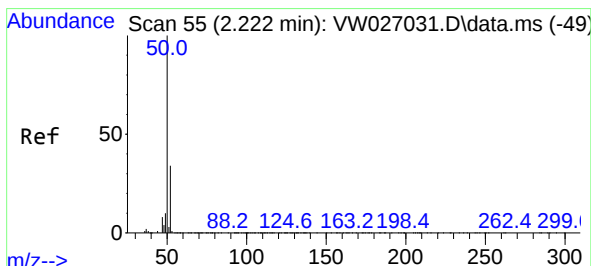
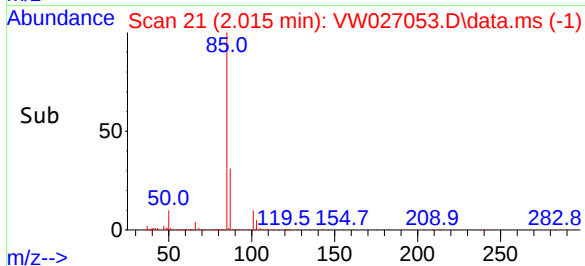
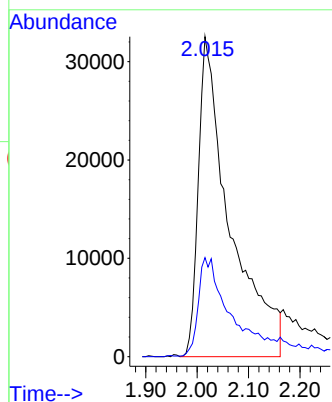
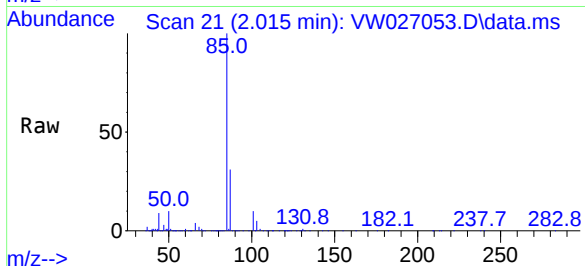




#2
Dichlorodifluoromethane
Concen: 23.261 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

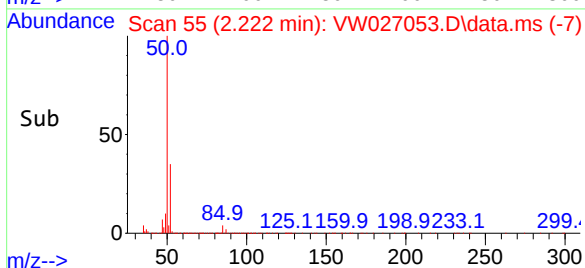
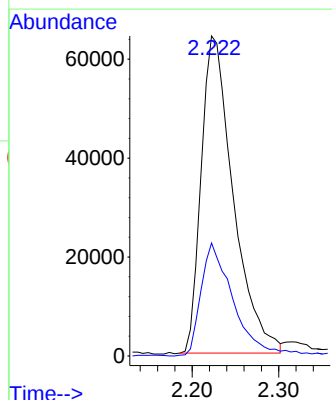
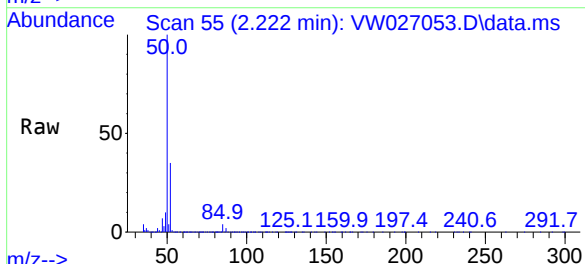
Instrument :
MSVOA_W
ClientSampleId :

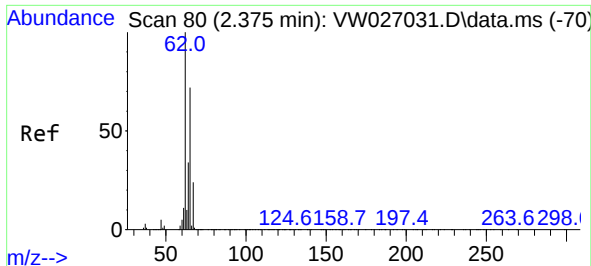
Tgt Ion: 85 Resp: 138488
Ion Ratio Lower Upper
85 100
87 10.3 19.1 28.7#



#3
Chloromethane
Concen: 18.371 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

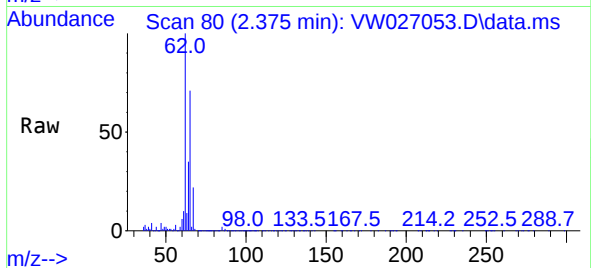
Tgt Ion: 50 Resp: 164973
Ion Ratio Lower Upper
50 100
52 35.3 24.1 44.7



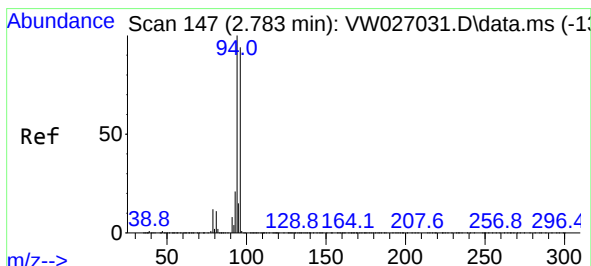
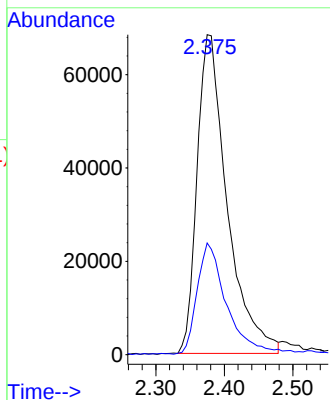
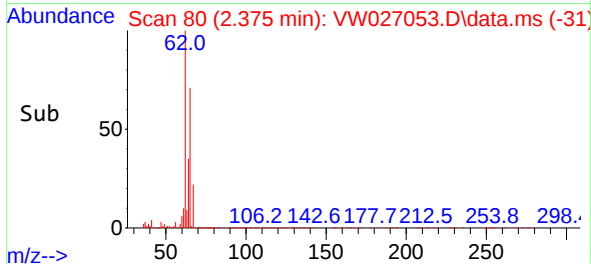


#5
 Vinyl chloride
 Concen: 20.349 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027053.D
 Acq: 12 Sep 2023 00:49

Instrument :
 MSVOA_W
 ClientSampleId :

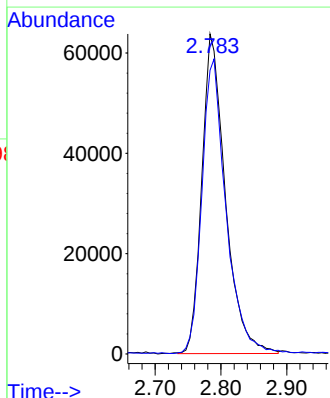
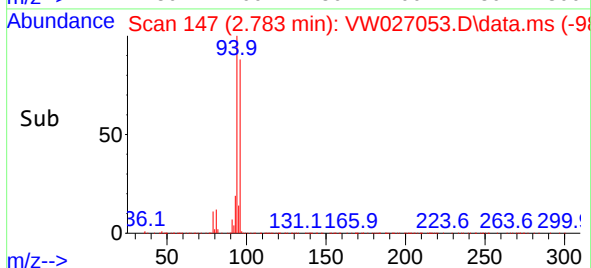
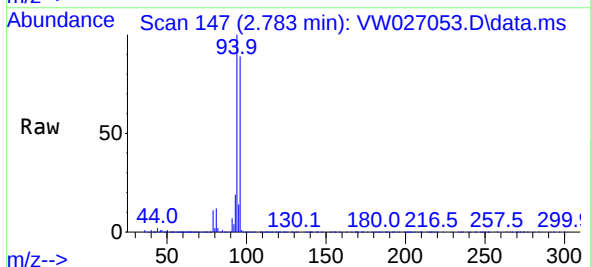


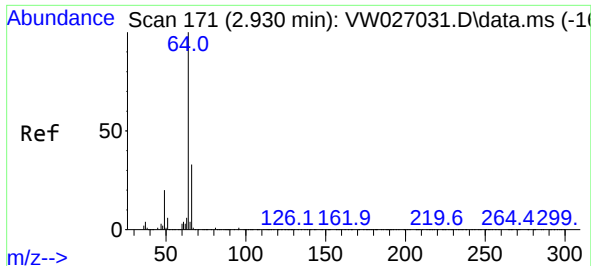
Tgt Ion: 62 Resp: 208447
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.3 41.3



#6
 Bromomethane
 Concen: 23.444 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW027053.D
 Acq: 12 Sep 2023 00:49

Tgt Ion: 94 Resp: 158498
 Ion Ratio Lower Upper
 94 100
 96 88.6 62.6 116.2

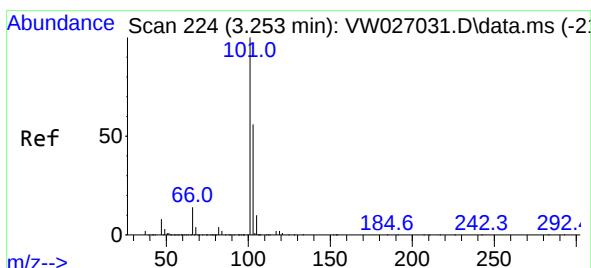
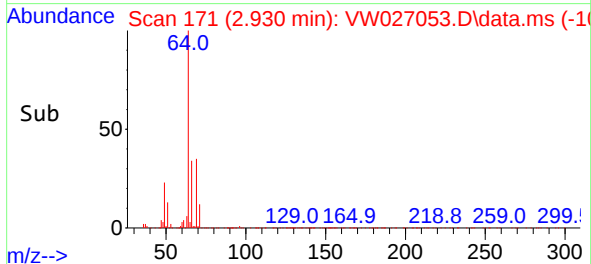
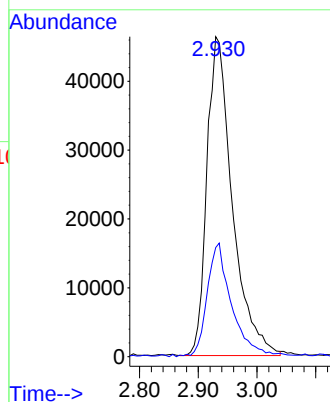
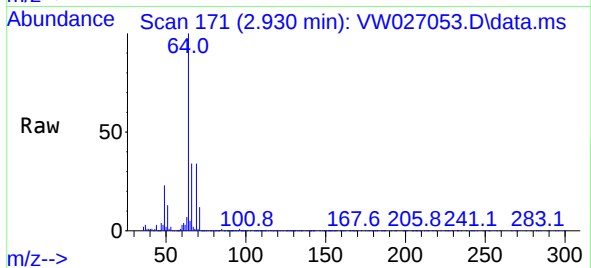




#8
Chloroethane
Concen: 21.705 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

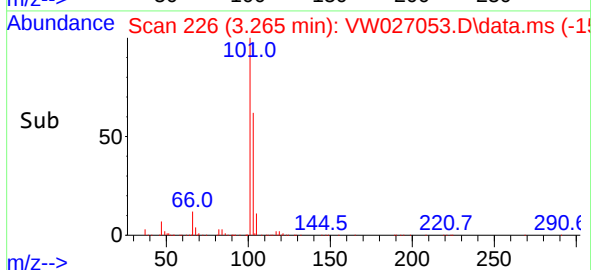
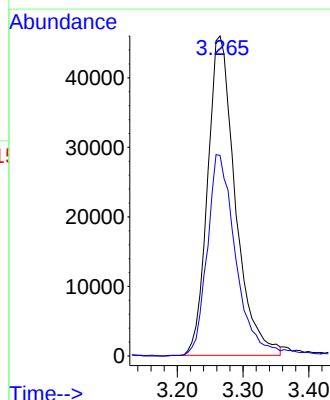
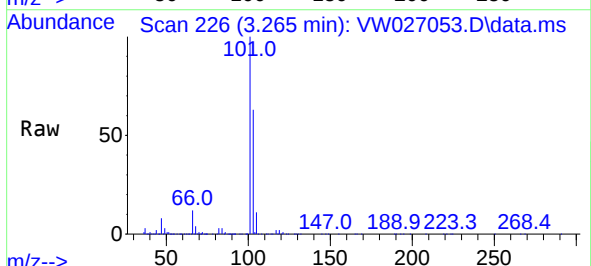
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ClientSampleId :

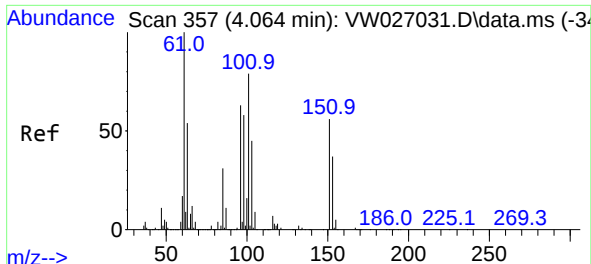
Tgt Ion: 64 Resp: 139513
Ion Ratio Lower Upper
64 100
66 34.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 22.657 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion:101 Resp: 134656
Ion Ratio Lower Upper
101 100
103 64.0 50.2 75.4

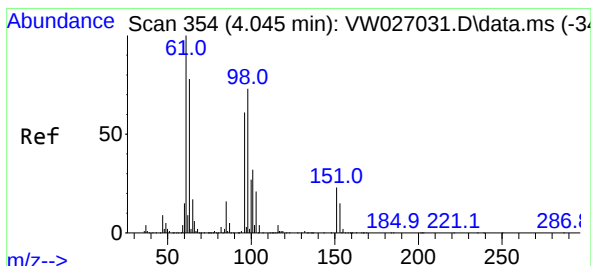
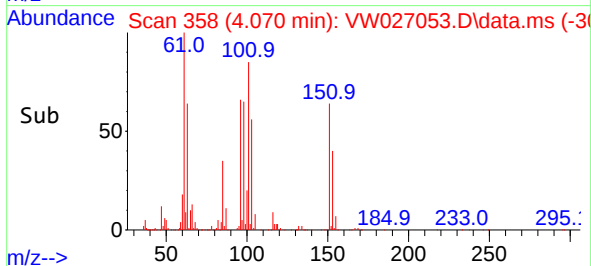
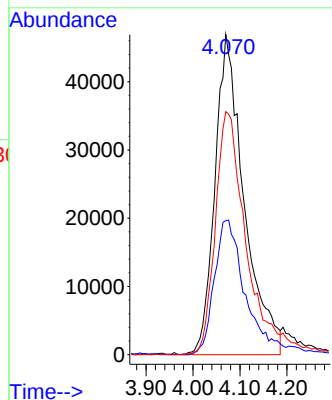
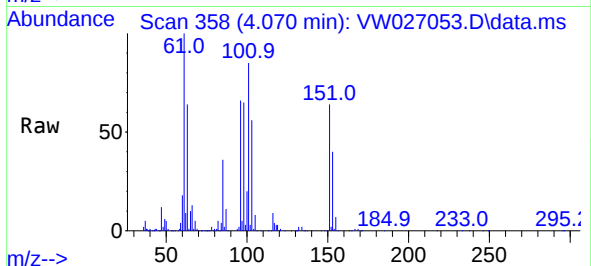




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.457 ug/L
RT: 4.070 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

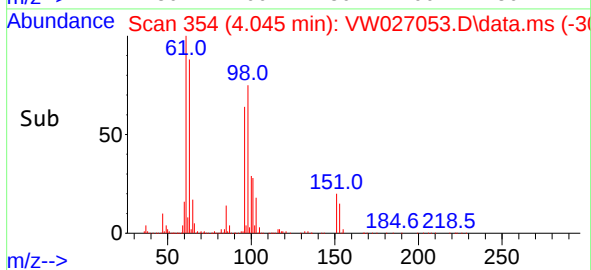
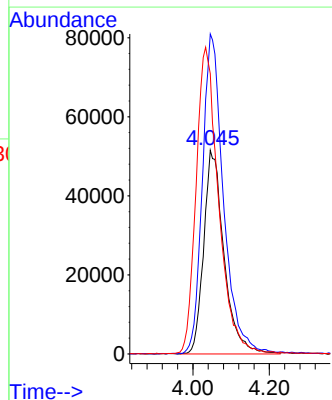
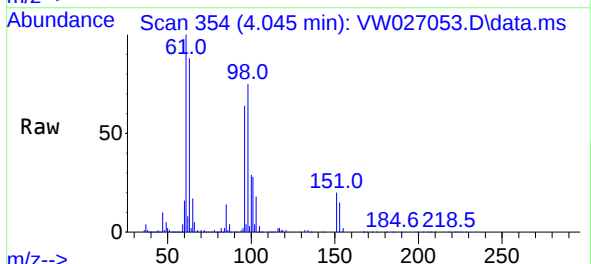
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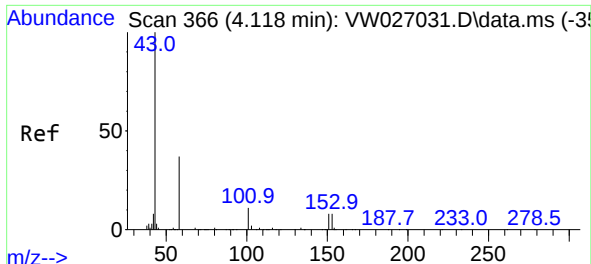
Tgt Ion:101 Resp: 202649
Ion Ratio Lower Upper
101 100
85 42.4 31.1 46.7
151 77.8 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.973 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 96 Resp: 189926
Ion Ratio Lower Upper
96 100
61 157.1 117.0 217.4
63 137.7 97.3 180.7

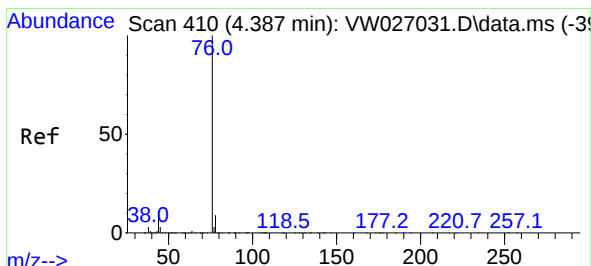
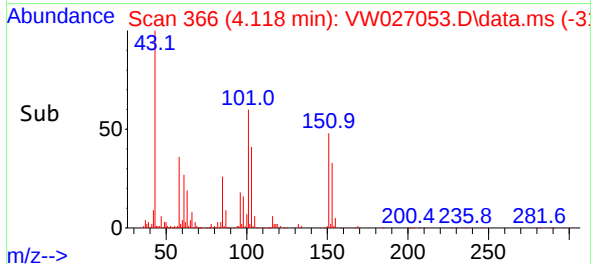
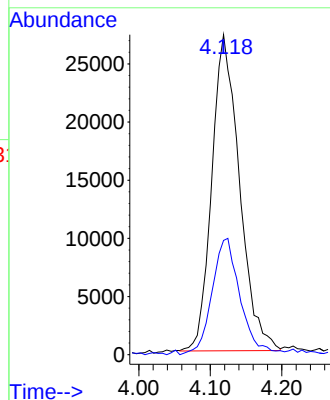
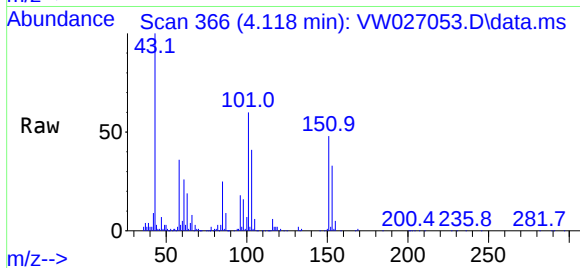




#13
Acetone
Concen: 46.875 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

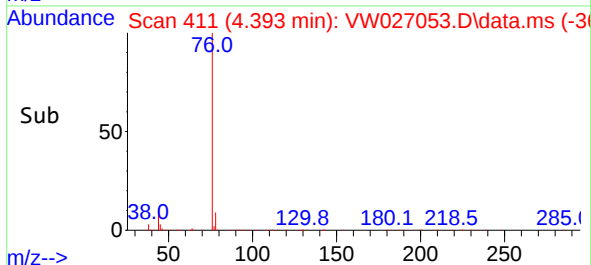
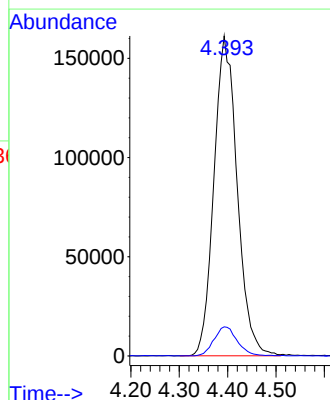
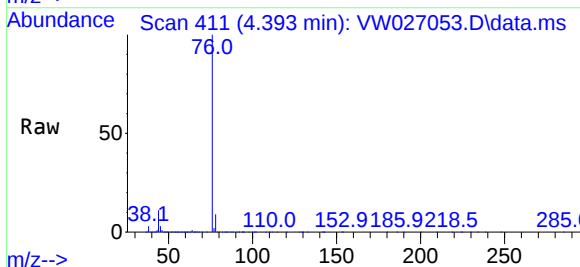
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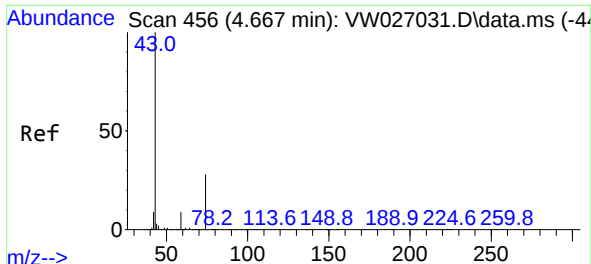
Tgt Ion: 43 Resp: 73124
Ion Ratio Lower Upper
43 100
58 36.1 0.0 66.4



#14
Carbon disulfide
Concen: 22.930 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 76 Resp: 537792
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

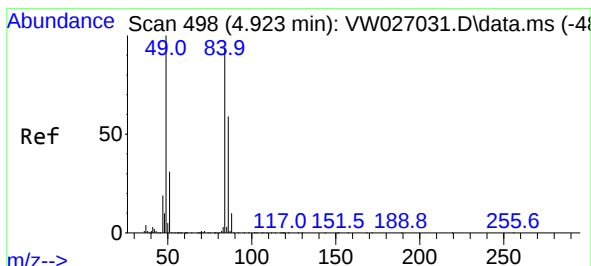
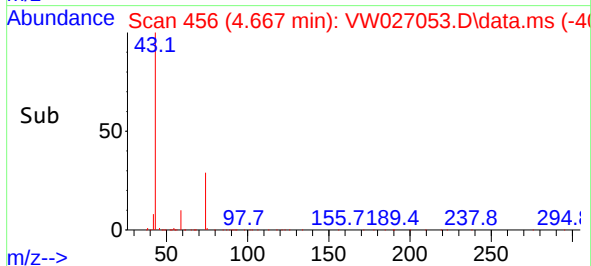
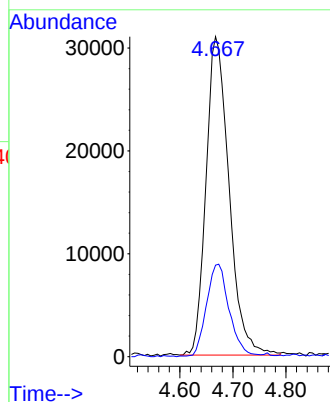
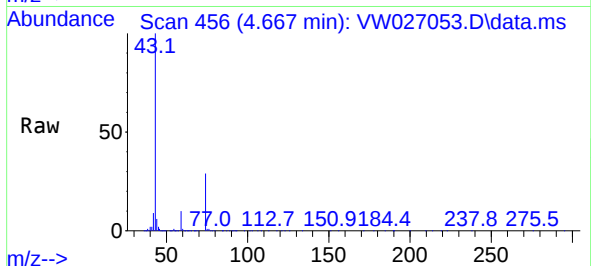




#15
Methyl Acetate
Concen: 28.757 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

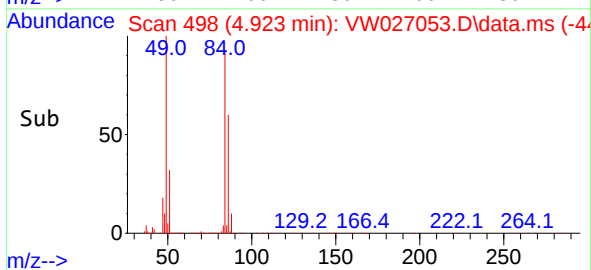
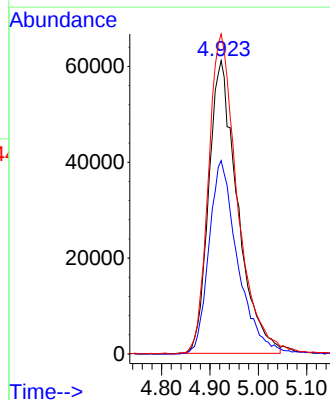
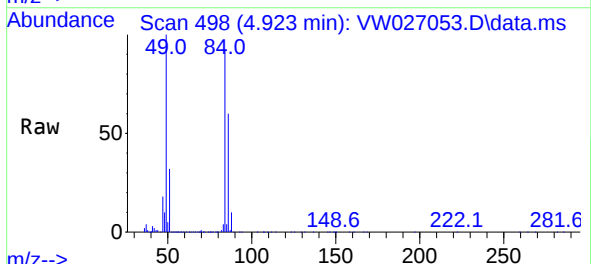
Instrument :
MSVOA_W
ClientSampleId :

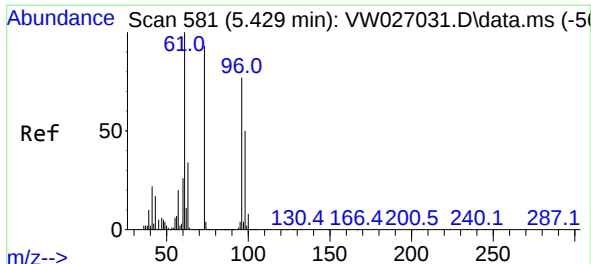
Tgt Ion: 43 Resp: 93274
Ion Ratio Lower Upper
43 100
74 28.7 0.1 0.1#



#16
Methylene chloride
Concen: 25.139 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 84 Resp: 252064
Ion Ratio Lower Upper
84 100
86 65.9 44.1 81.9
49 109.1 82.1 152.5

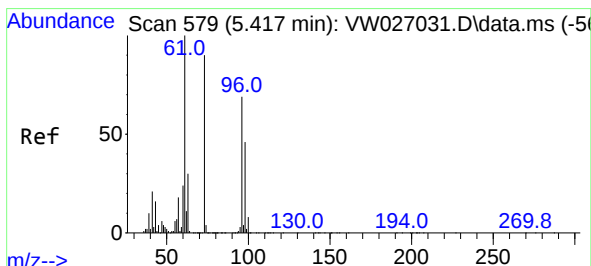
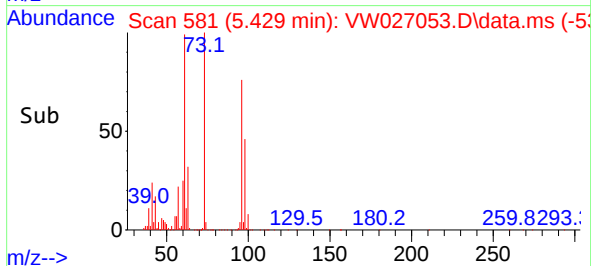
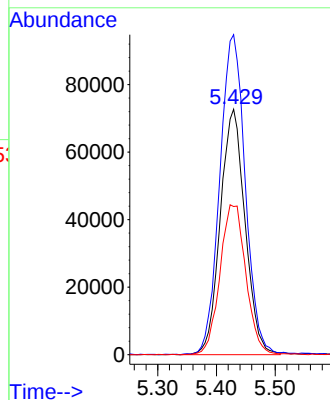
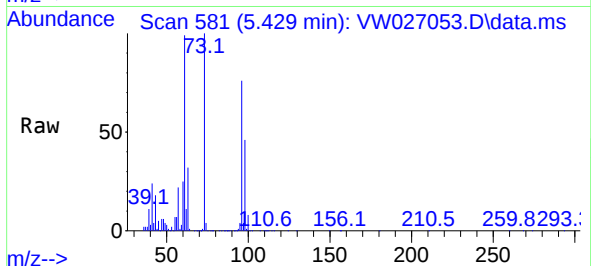




#17
trans-1,2-Dichloroethene
Concen: 26.624 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

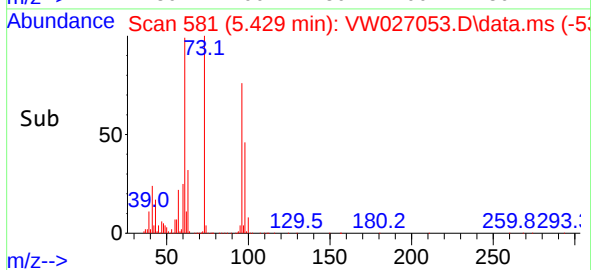
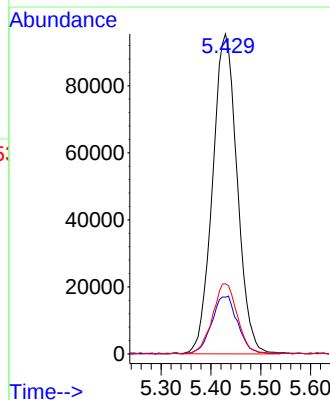
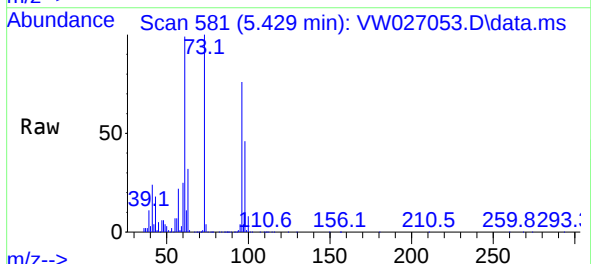
Instrument :
MSVOA_W
ClientSampleId :

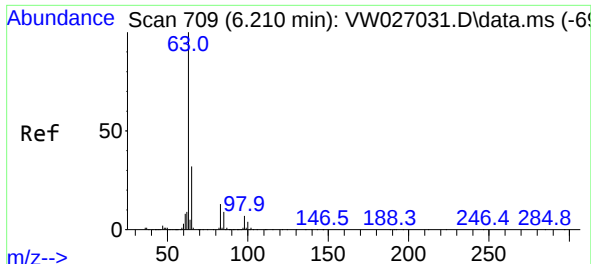
Tgt Ion: 96 Resp: 213081
Ion Ratio Lower Upper
96 100
61 130.4 100.3 186.3
98 60.4 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 29.398 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 73 Resp: 327628
Ion Ratio Lower Upper
73 100
43 18.8 16.5 24.7
57 22.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 27.188 ug/L

RT: 6.216 min Scan# 709

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

ClientSampleId :

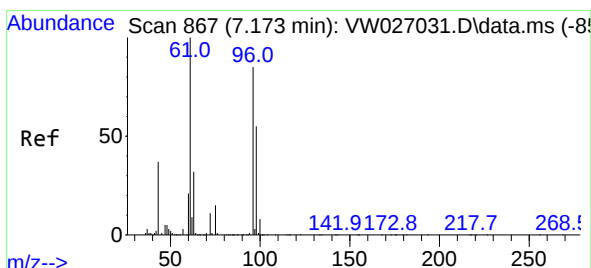
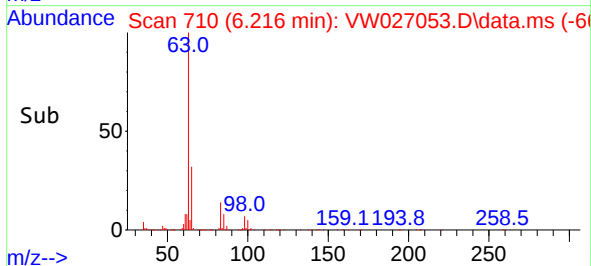
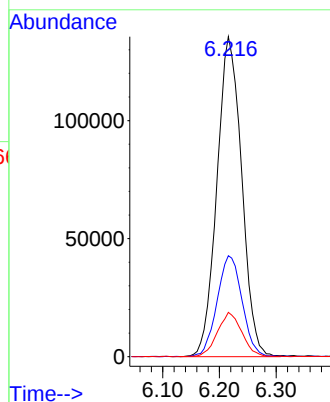
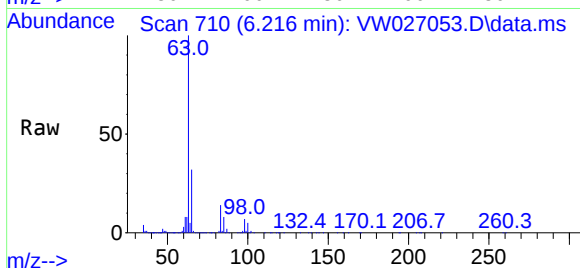
Tgt Ion: 63 Resp: 410179

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 13.8 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 28.535 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

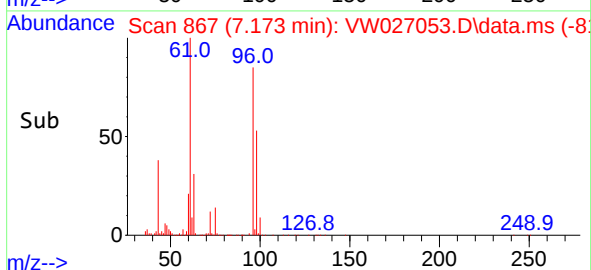
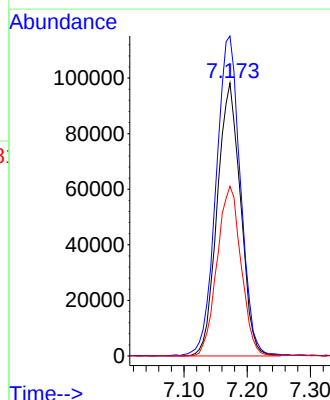
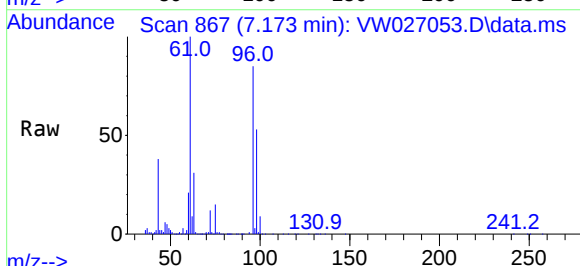
Tgt Ion: 96 Resp: 251325

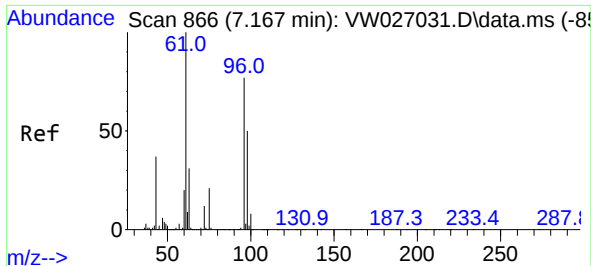
Ion Ratio Lower Upper

96 100

61 117.2 89.0 165.4

98 62.2 43.6 81.0

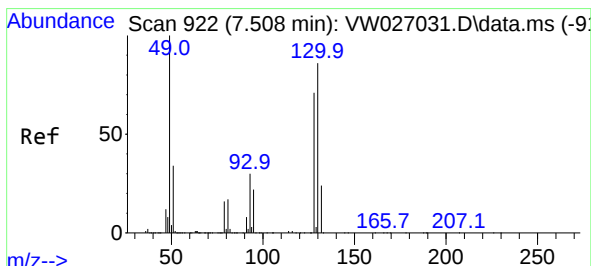
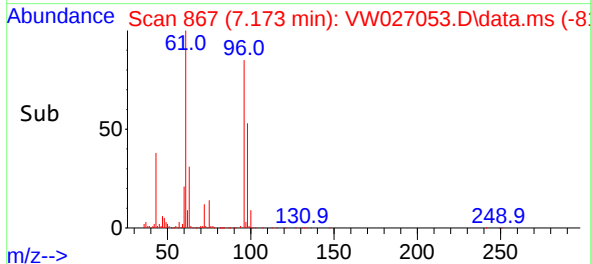
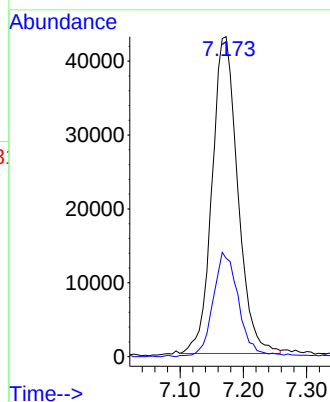
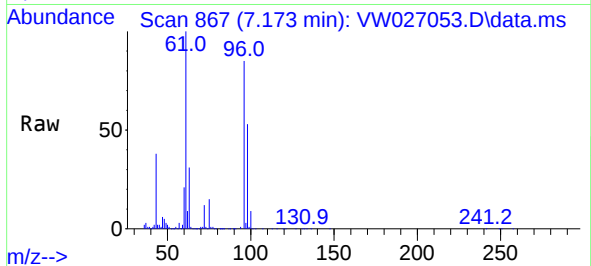




#22
2-Butanone
Concen: 48.228 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

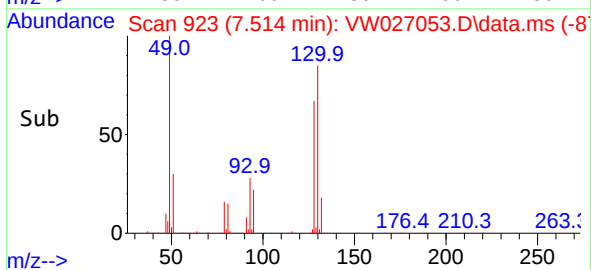
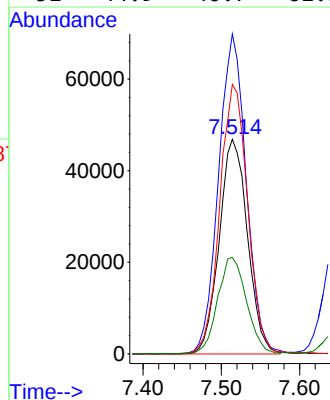
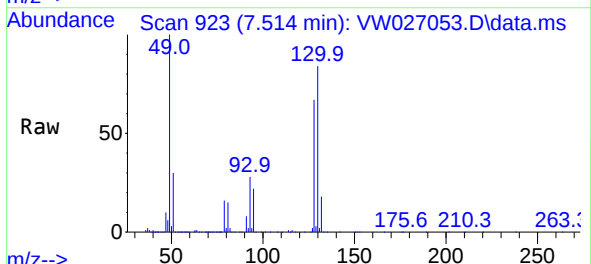
Instrument :
MSVOA_W
ClientSampleId :

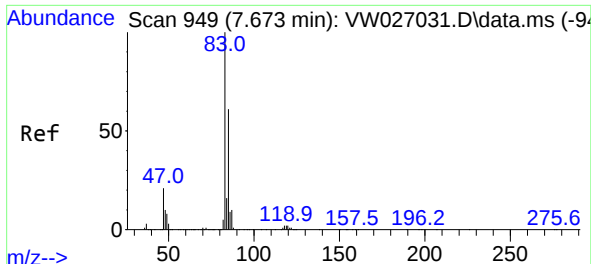
Tgt Ion: 43 Resp: 121055
Ion Ratio Lower Upper
43 100
72 31.8 14.4 43.0



#23
Bromochloromethane
Concen: 30.717 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 128 Resp: 117410
Ion Ratio Lower Upper
128 100
49 149.0 111.6 207.2
130 125.5 90.9 168.7
51 44.9 40.7 61.1

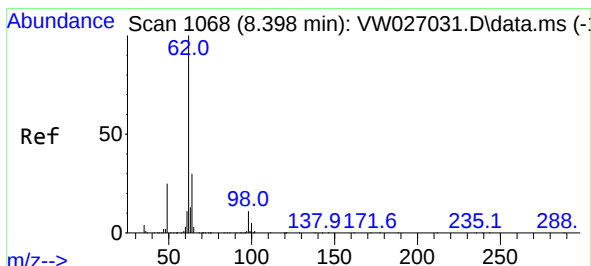
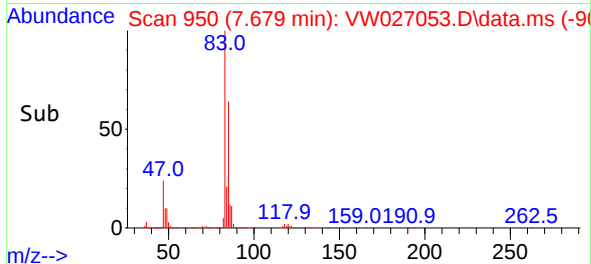
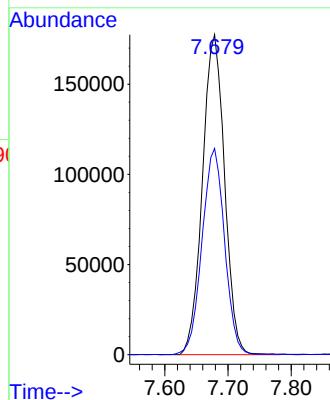
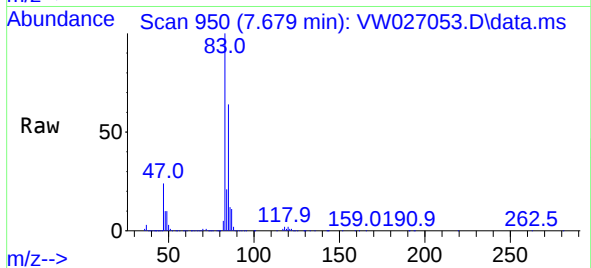




#25
Chloroform
Concen: 29.183 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

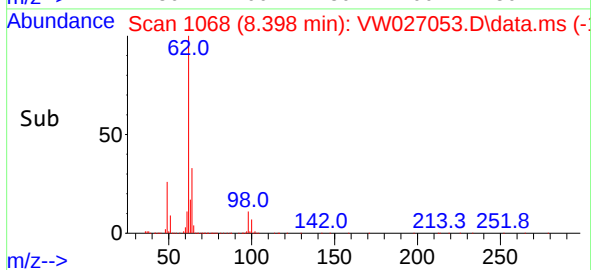
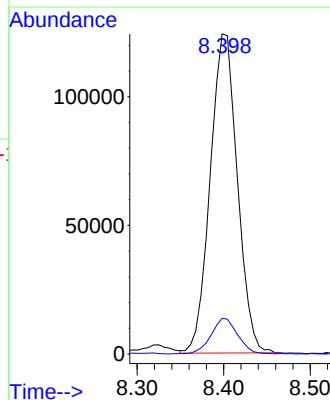
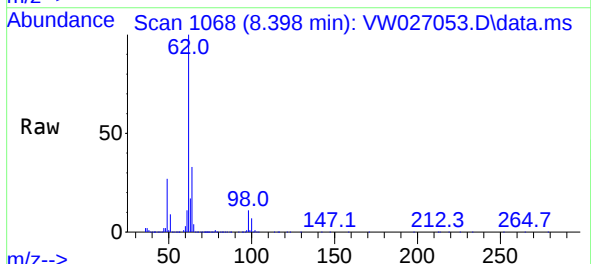
Instrument :
MSVOA_W
ClientSampleId :

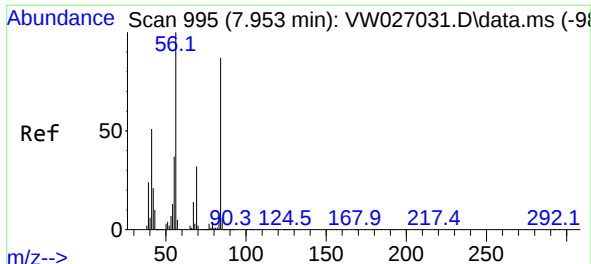
Tgt Ion: 83 Resp: 431833
Ion Ratio Lower Upper
83 100
85 64.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 28.919 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

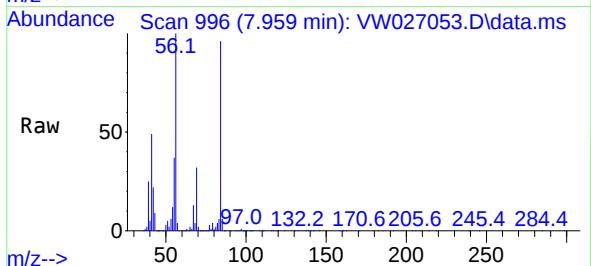
Tgt Ion: 62 Resp: 270461
Ion Ratio Lower Upper
62 100
98 11.2 7.6 11.4



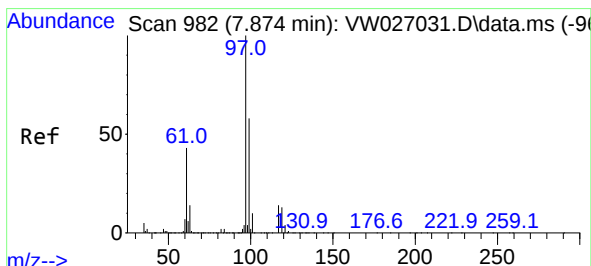
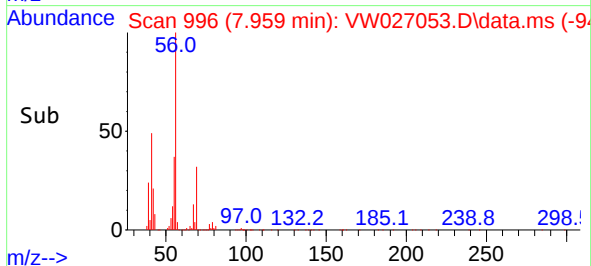
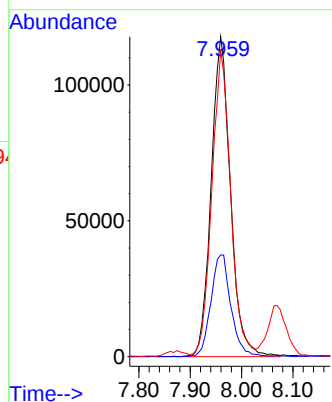


#29
Cyclohexane
Concen: 22.284 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Instrument :
MSVOA_W
ClientSampleId :

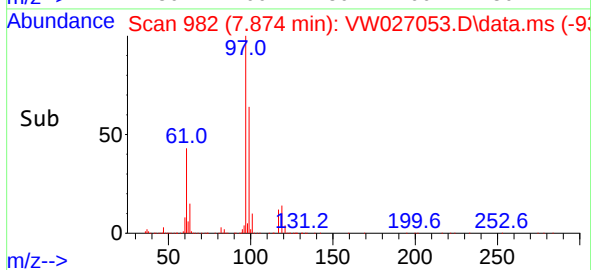
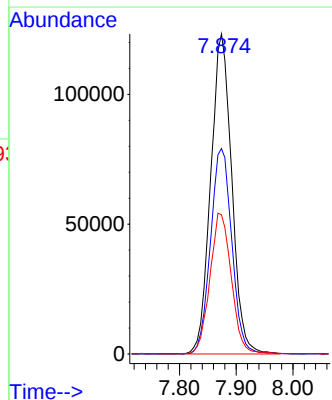
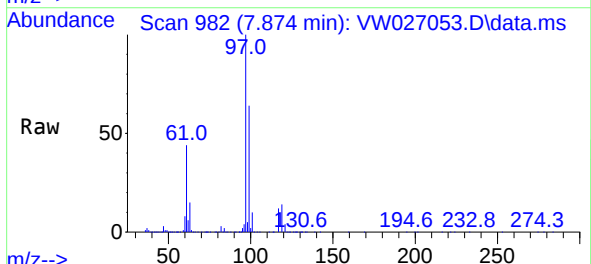


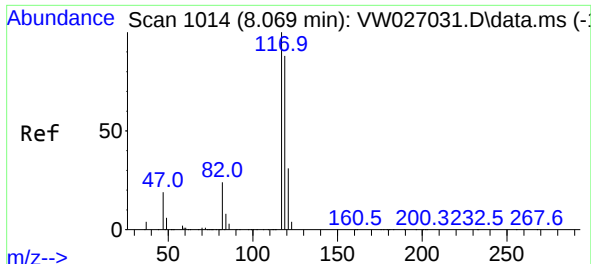
Tgt Ion: 56 Resp: 306789
Ion Ratio Lower Upper
56 100
69 33.0 24.8 37.2
84 93.2 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 26.531 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 97 Resp: 317352
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 44.0 37.6 56.4

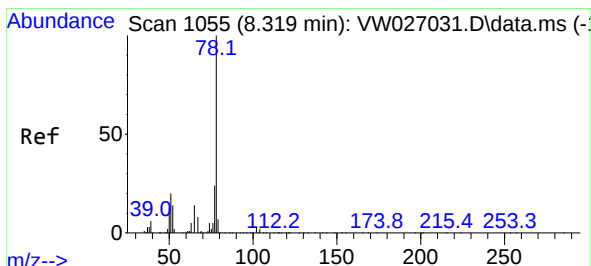
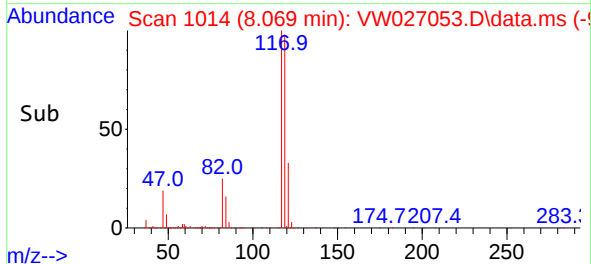
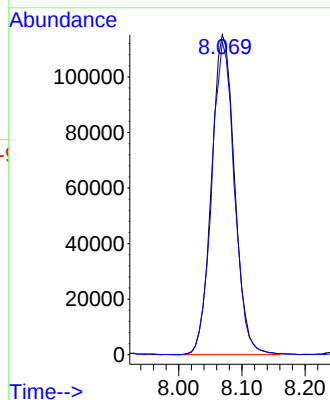
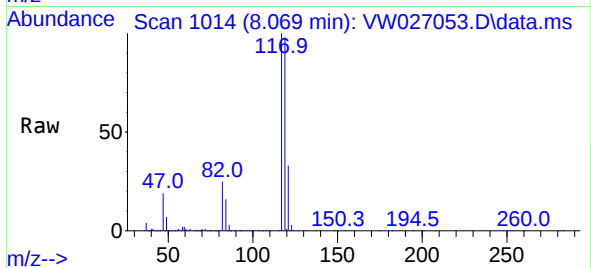




#31
Carbon tetrachloride
Concen: 27.386 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

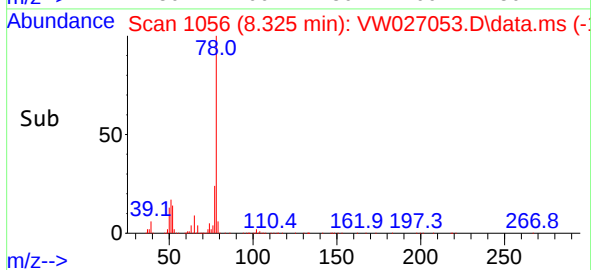
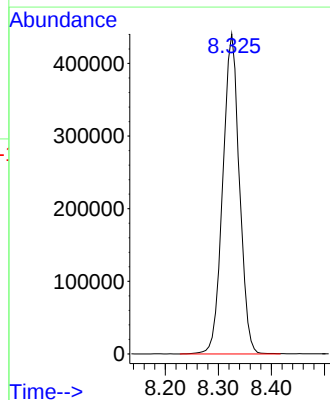
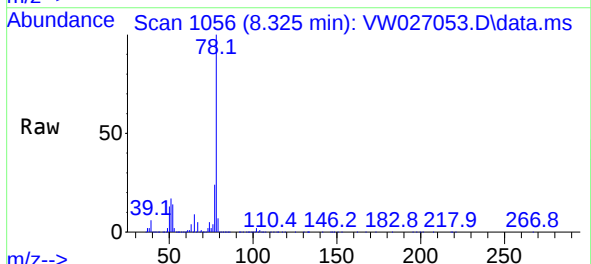
Instrument :
MSVOA_W
ClientSampleId :

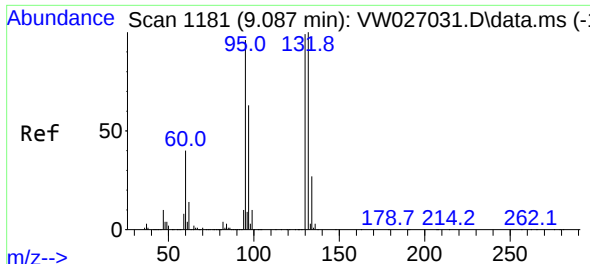
Tgt Ion:117 Resp: 291957
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 26.516 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 78 Resp: 957566

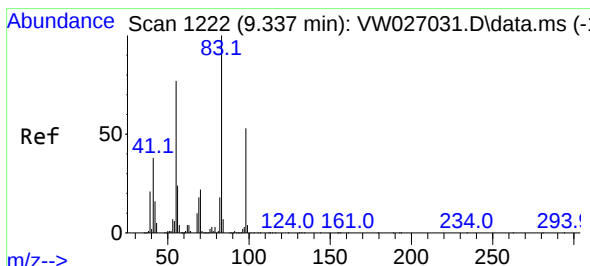
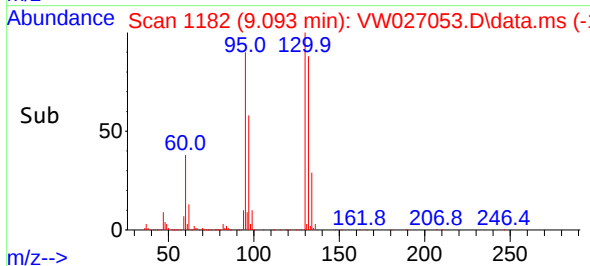
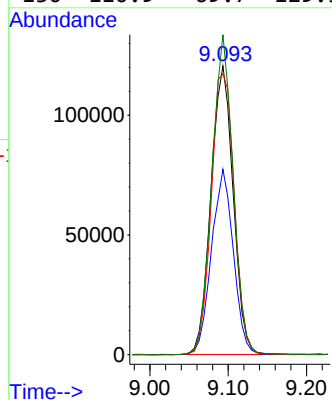
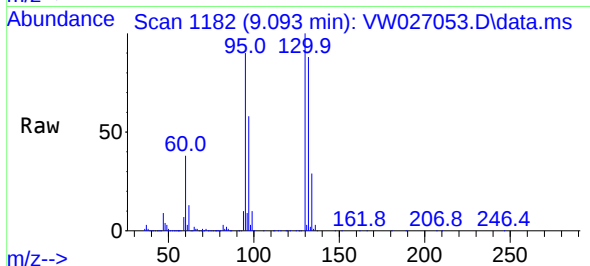




#34
Trichloroethene
Concen: 25.626 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

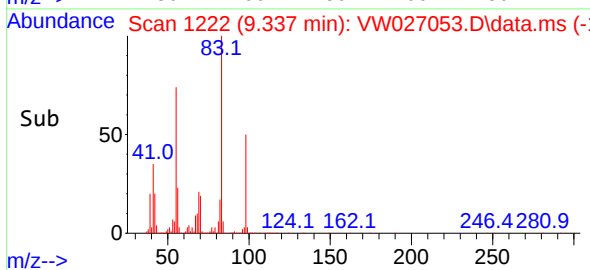
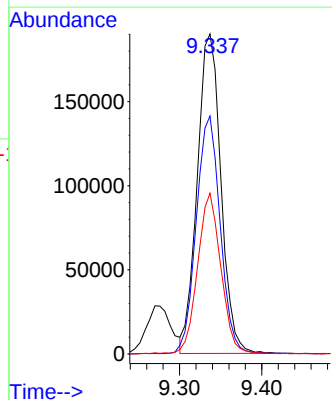
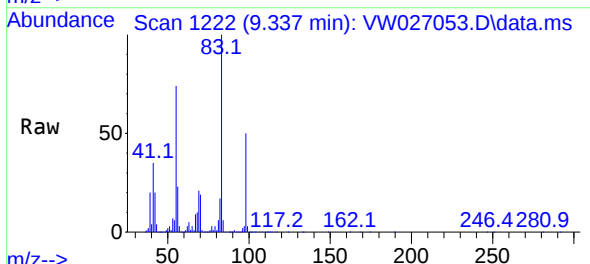
Instrument :
MSVOA_W
ClientSampleId :

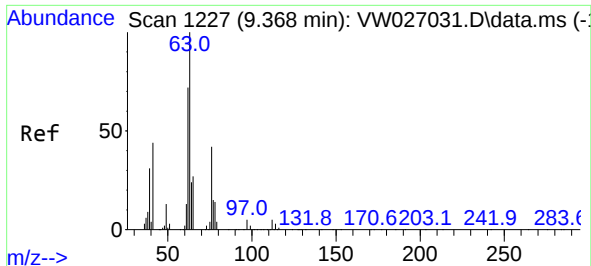
Tgt Ion: 95 Resp: 237778
Ion Ratio Lower Upper
95 100
97 64.2 42.4 78.8
132 97.3 63.1 117.3
130 110.9 69.7 129.5



#35
Methylcyclohexane
Concen: 24.103 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 83 Resp: 379992
Ion Ratio Lower Upper
83 100
55 75.4 61.7 92.5
98 49.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.534 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

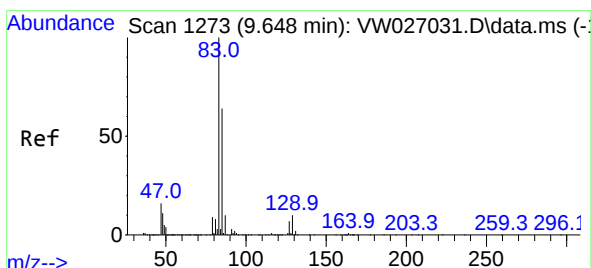
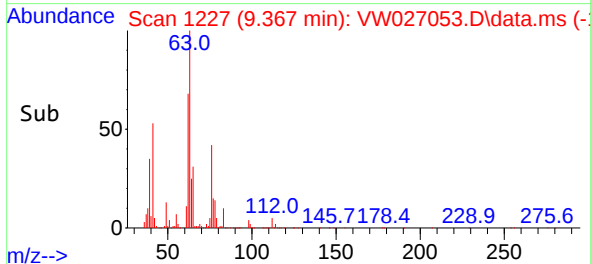
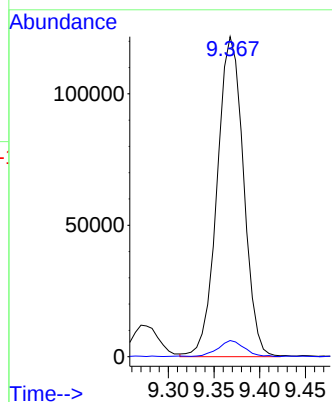
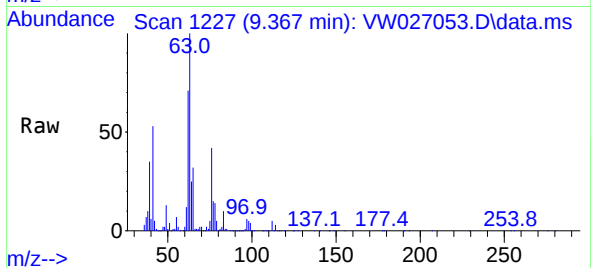
ClientSampleId :

Tgt Ion: 63 Resp: 244528

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 28.504 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

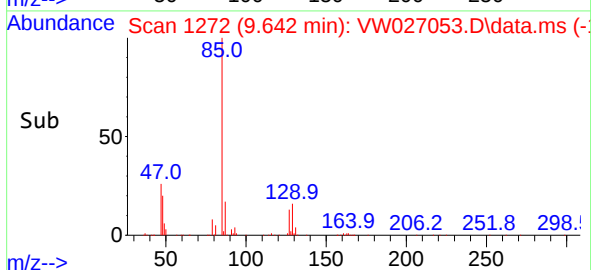
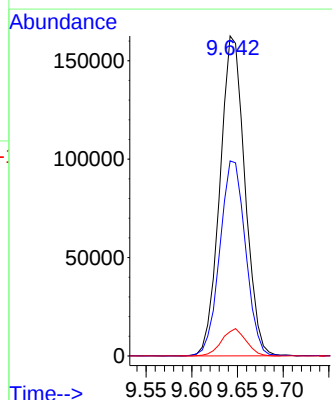
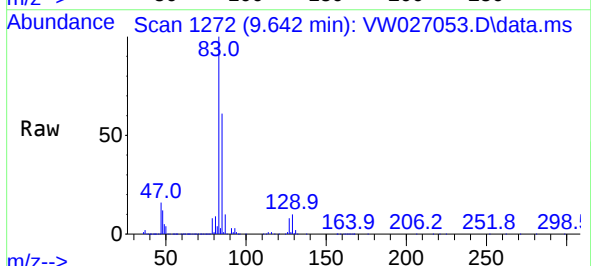
Tgt Ion: 83 Resp: 309355

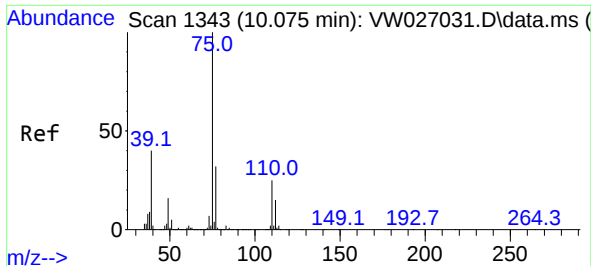
Ion Ratio Lower Upper

83 100

85 61.0 44.4 82.4

127 7.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.788 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

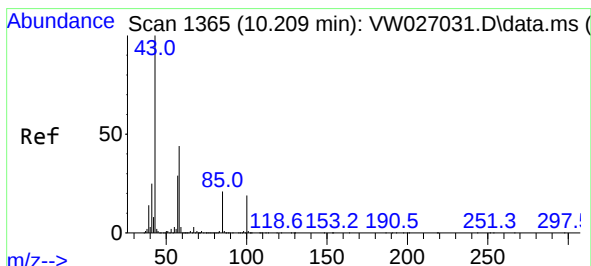
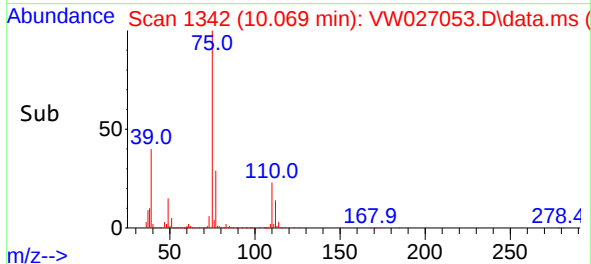
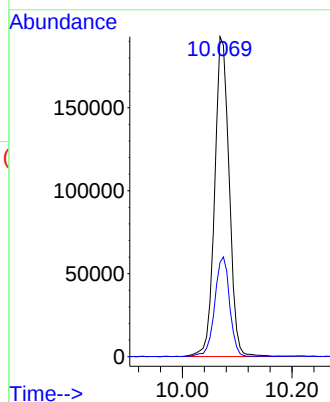
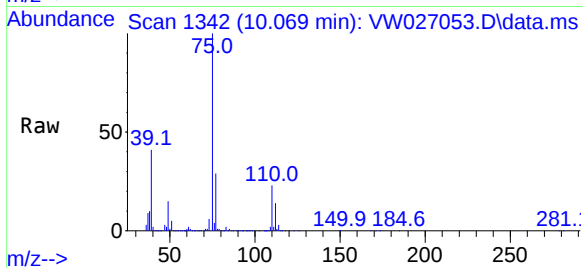
ClientSampleId :

Tgt Ion: 75 Resp: 352808

Ion Ratio Lower Upper

75 100

77 29.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 56.052 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

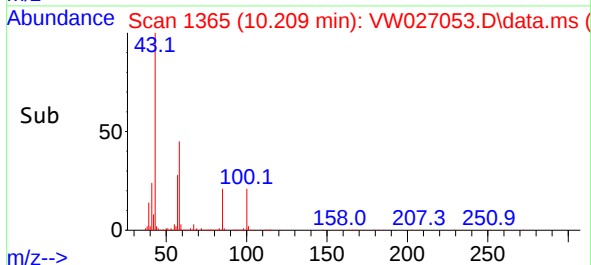
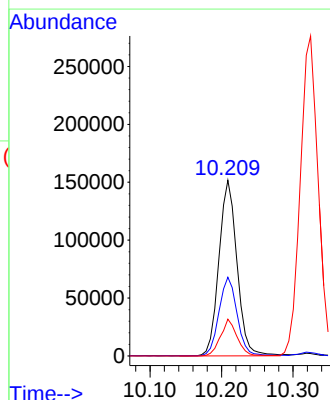
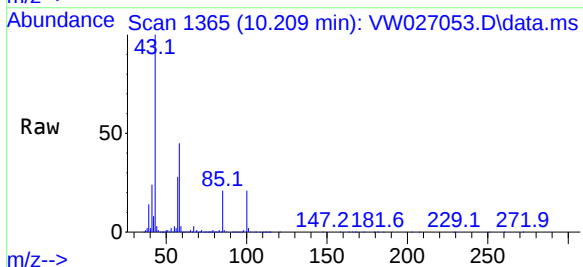
Tgt Ion: 43 Resp: 266685

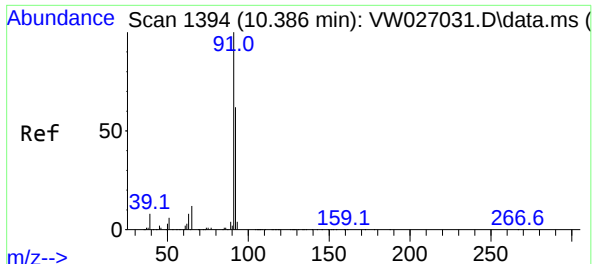
Ion Ratio Lower Upper

43 100

58 45.1 33.4 50.2

100 19.3 13.0 19.4





#42

Toluene

Concen: 28.058 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

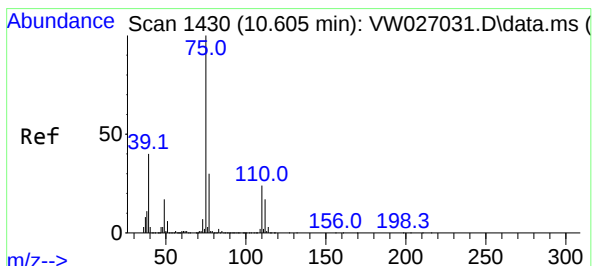
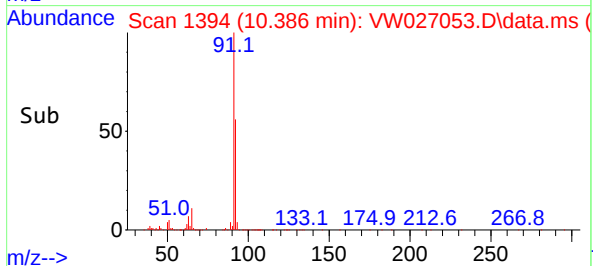
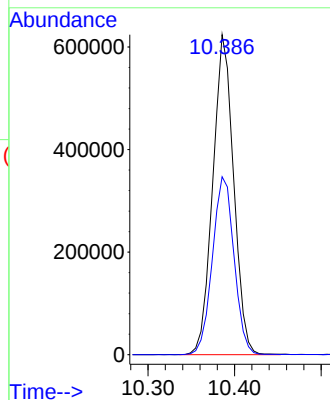
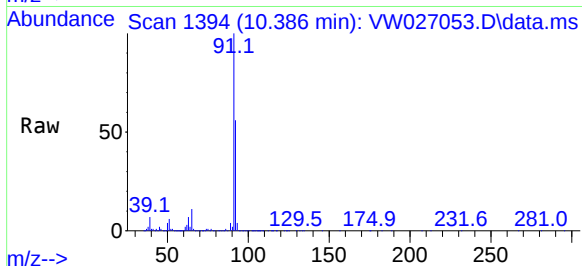
ClientSampleId :

Tgt Ion: 91 Resp: 1042747

Ion Ratio Lower Upper

91 100

92 55.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 27.633 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027053.D

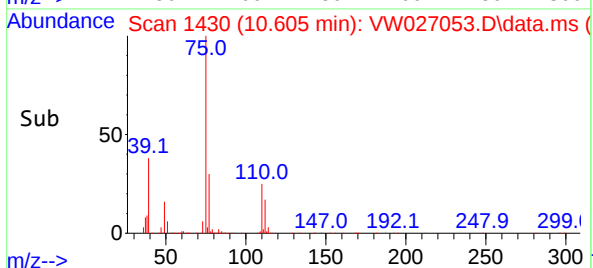
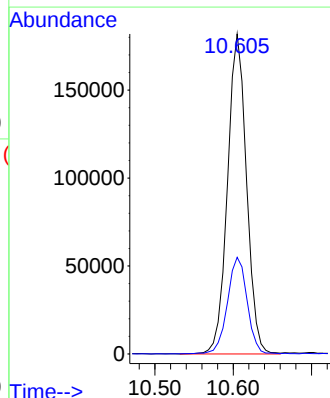
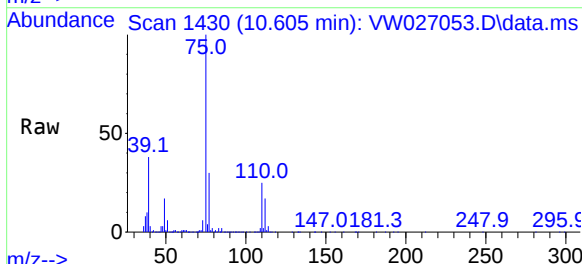
Acq: 12 Sep 2023 00:49

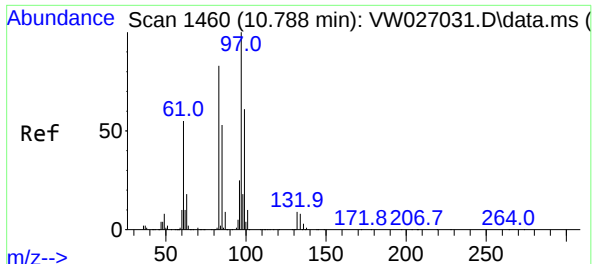
Tgt Ion: 75 Resp: 306987

Ion Ratio Lower Upper

75 100

77 30.2 23.0 42.6



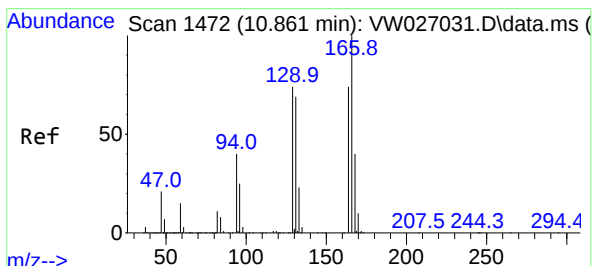
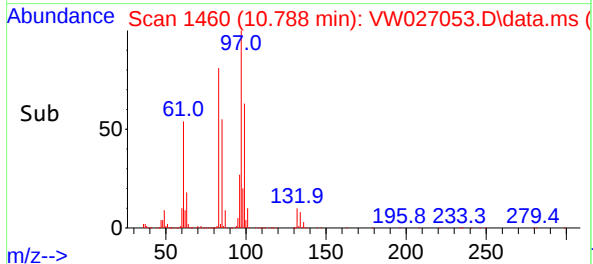
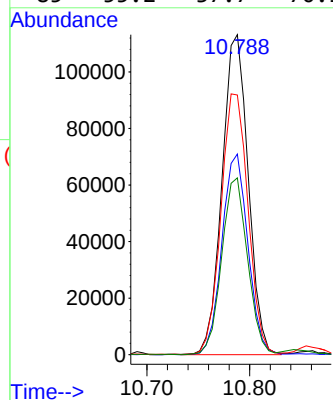
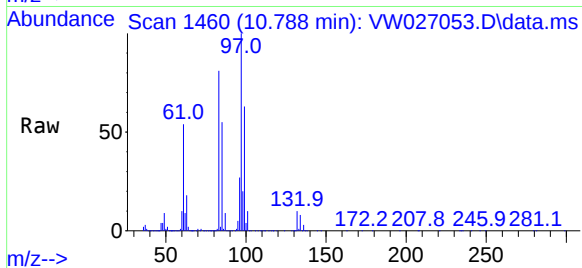


#45
1,1,2-Trichloroethane
Concen: 30.183 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 200381

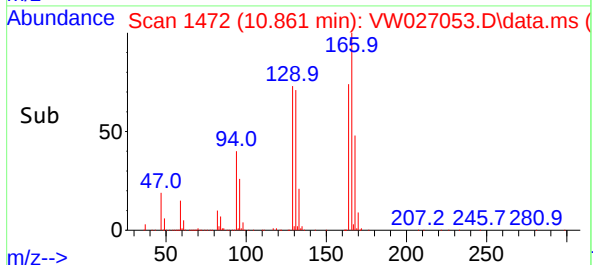
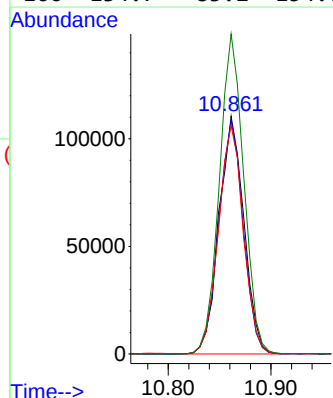
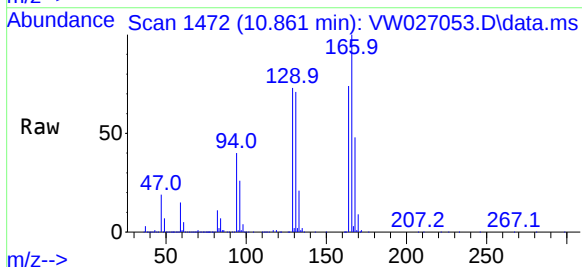
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.7	82.9
83	81.1	60.9	113.1
85	55.2	37.7	70.1

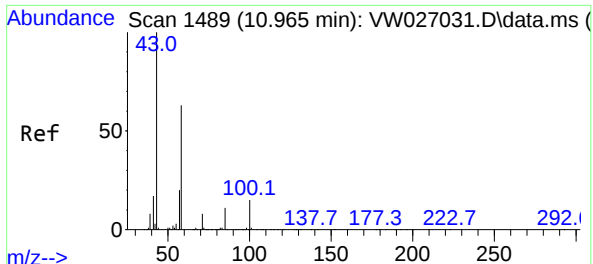


#46
Tetrachloroethene
Concen: 26.301 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 164 Resp: 186292

Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.4	132.6
131	96.2	60.8	113.0
166	134.7	83.2	154.6





#48

2-Hexanone

Concen: 56.854 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

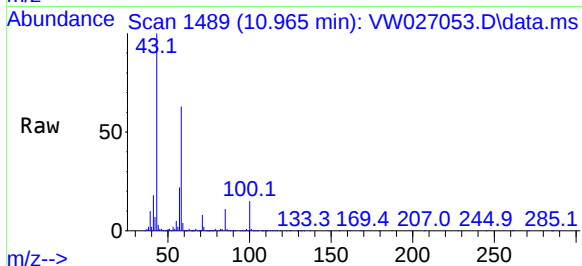
Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 184351

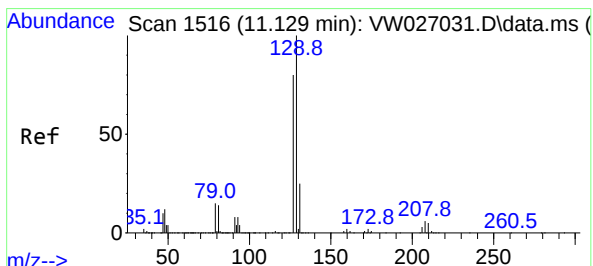
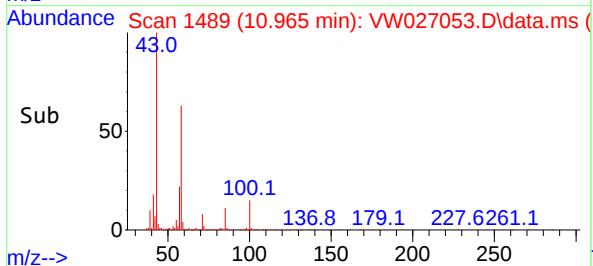
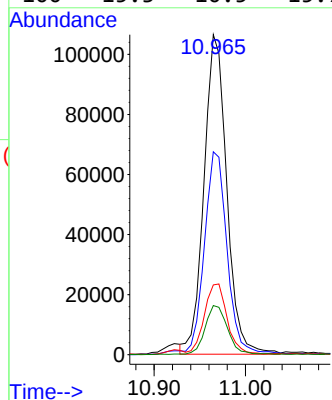
Ion Ratio Lower Upper

43 100

58 60.8 47.5 71.3

57 21.8 15.2 22.8

100 15.3 10.5 15.7



#49

Dibromochloromethane

Concen: 31.020 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW027053.D

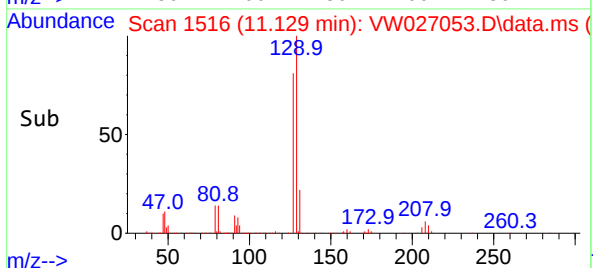
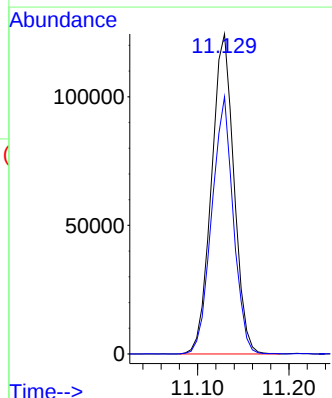
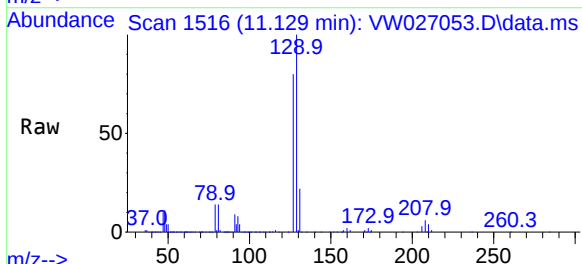
Acq: 12 Sep 2023 00:49

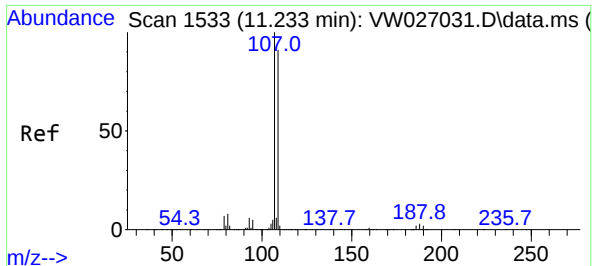
Tgt Ion: 129 Resp: 212136

Ion Ratio Lower Upper

129 100

127 80.3 47.5 88.3





#50

1,2-Dibromoethane

Concen: 29.815 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027053.D

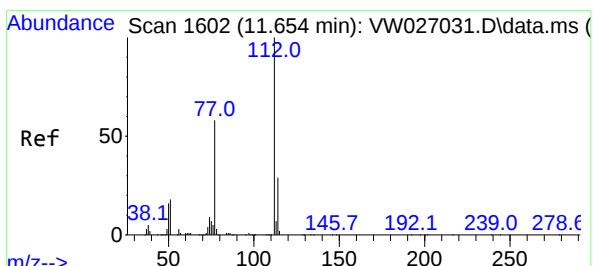
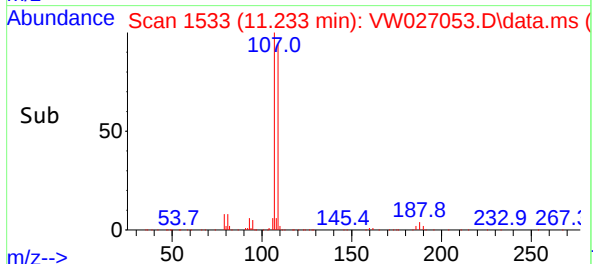
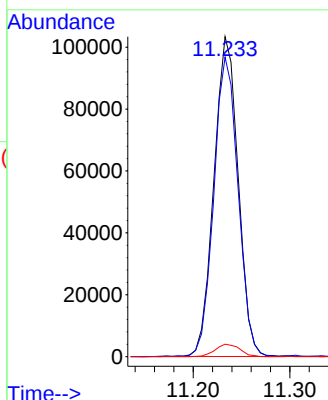
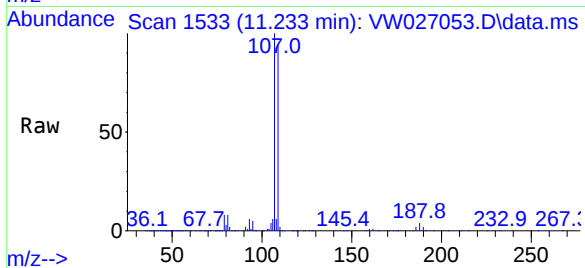
Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	179196
Ion	Ratio	Lower	Upper
107	100		
109	93.6	68.5	127.1
188	3.9	2.9	4.3



#51

Chlorobenzene

Concen: 27.864 ug/L

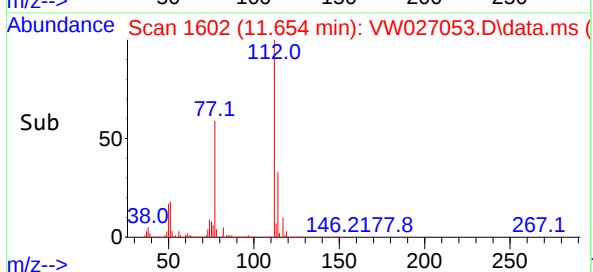
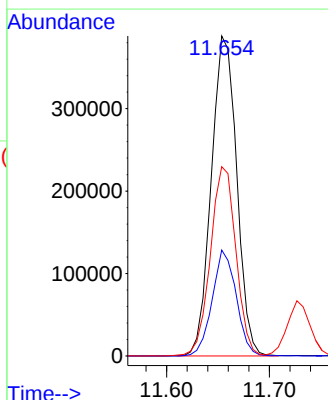
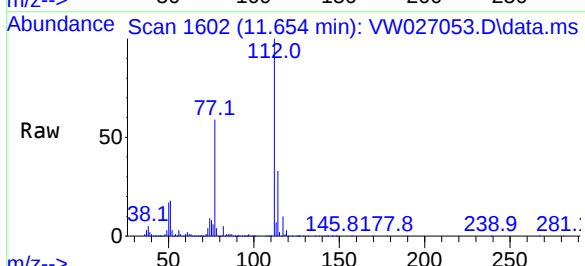
RT: 11.654 min Scan# 1602

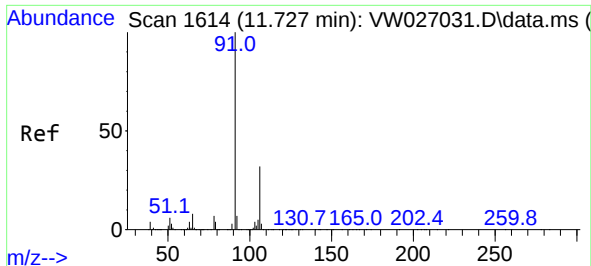
Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Tgt Ion:	112	Resp:	667000
Ion	Ratio	Lower	Upper
112	100		
114	33.1	20.5	38.1
77	59.2	49.5	74.3





#52

Ethylbenzene

Concen: 27.346 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

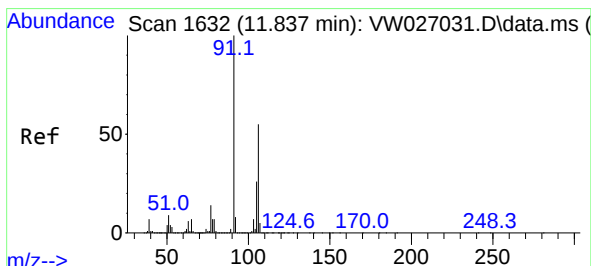
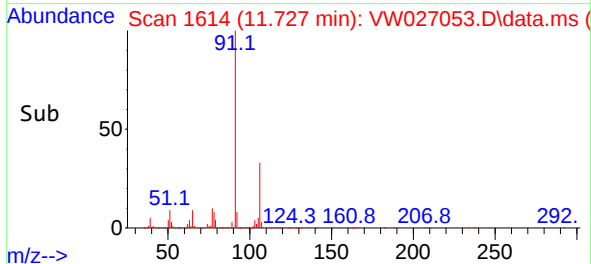
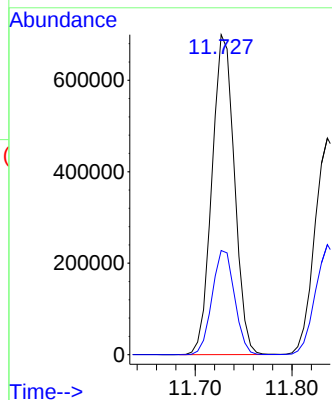
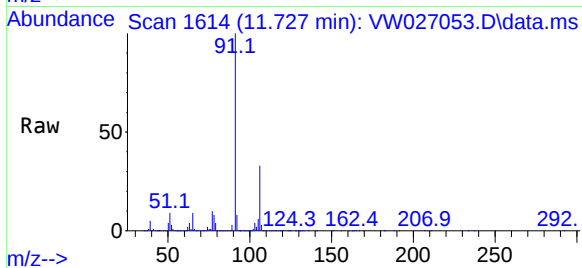
ClientSampleId :

Tgt Ion: 91 Resp: 1126672

Ion Ratio Lower Upper

91 100

106 32.6 21.1 39.3



#53

m,p-Xylene

Concen: 28.357 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027053.D

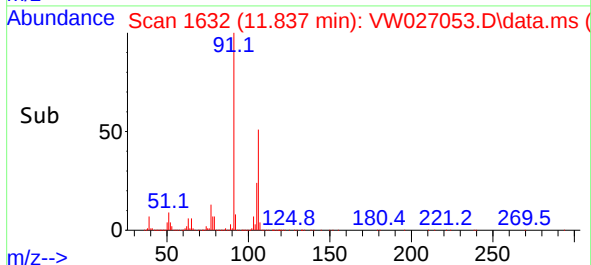
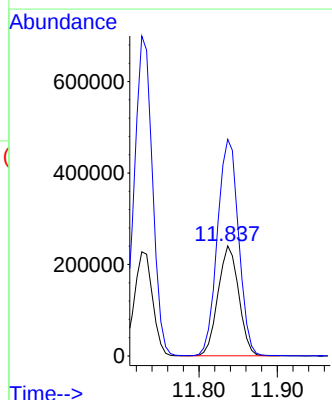
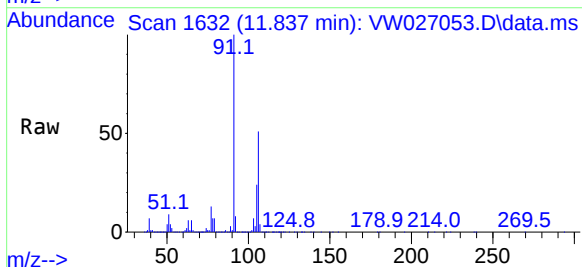
Acq: 12 Sep 2023 00:49

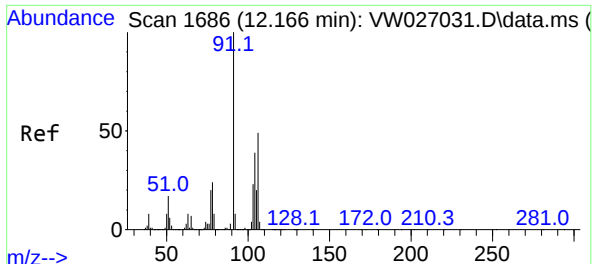
Tgt Ion:106 Resp: 441941

Ion Ratio Lower Upper

106 100

91 196.6 139.6 259.2





#54

o-Xylene

Concen: 29.248 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

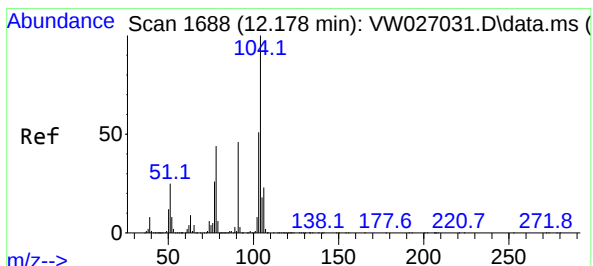
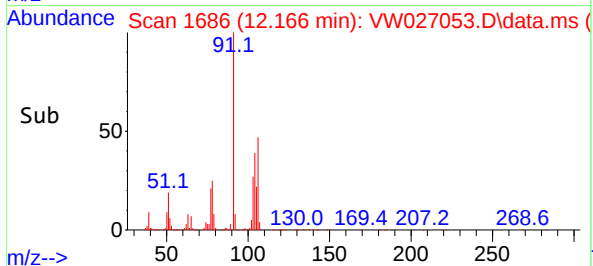
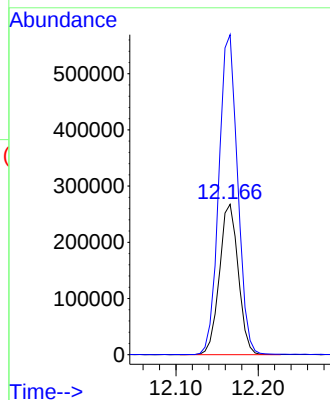
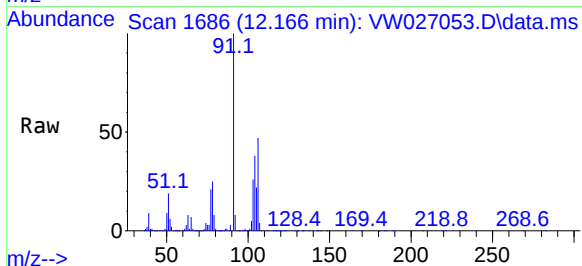
ClientSampleId :

Tgt Ion:106 Resp: 426515

Ion Ratio Lower Upper

106 100

91 212.7 154.0 286.0



#55

Styrene

Concen: 30.630 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027053.D

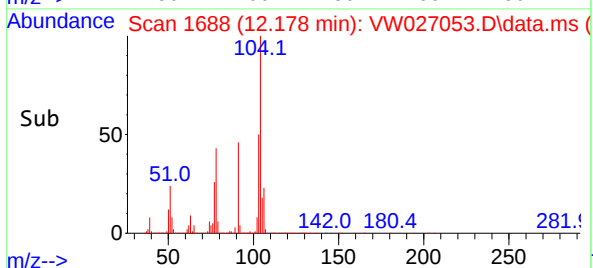
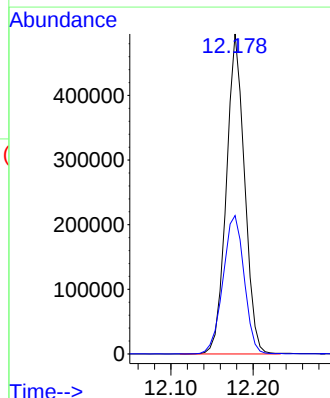
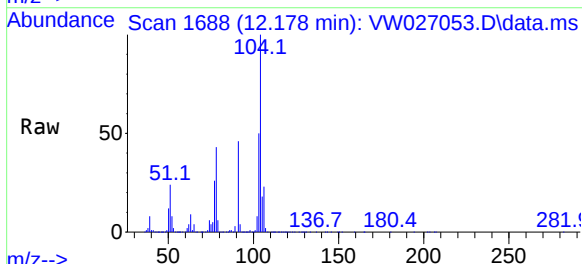
Acq: 12 Sep 2023 00:49

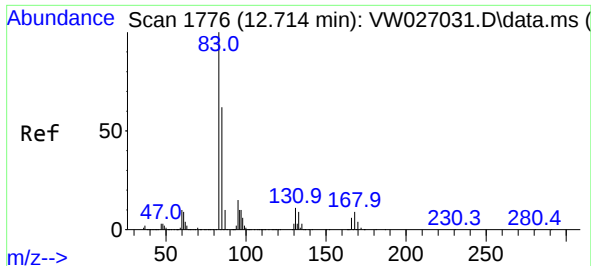
Tgt Ion:104 Resp: 762325

Ion Ratio Lower Upper

104 100

78 43.2 35.2 65.4

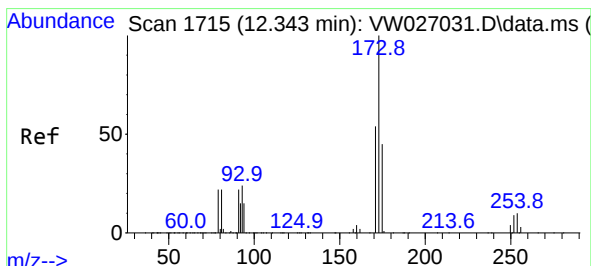
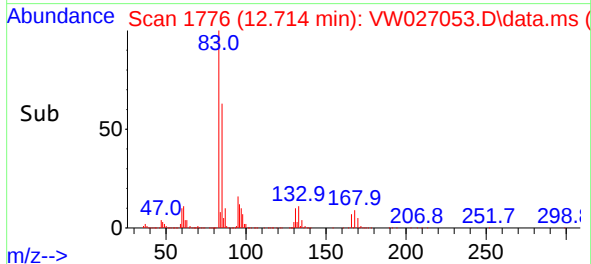
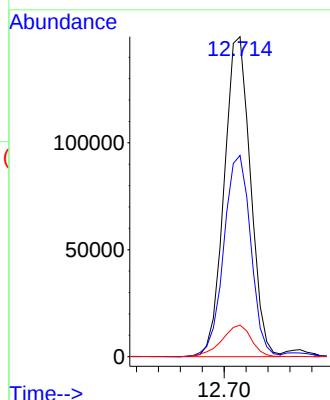
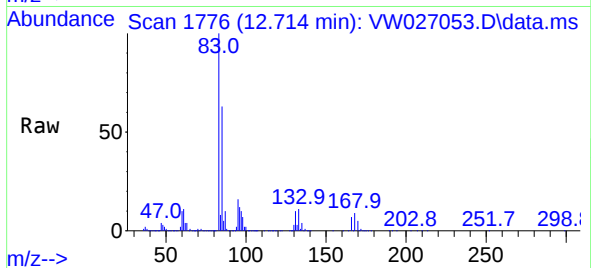




#57
1,1,2-Tetrachloroethane
Concen: 31.692 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

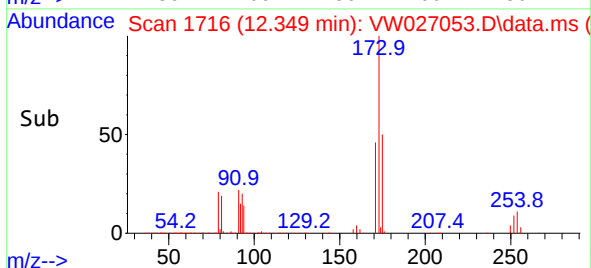
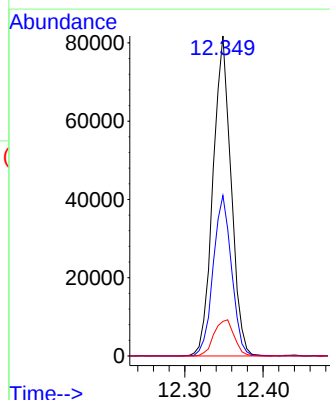
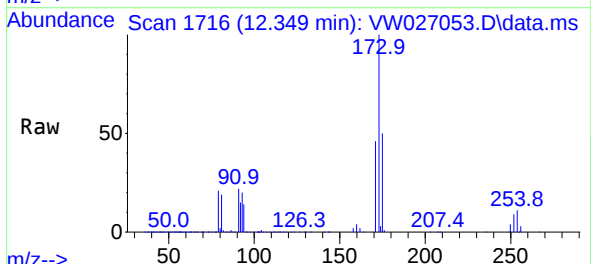
Instrument :
MSVOA_W
ClientSampleId :

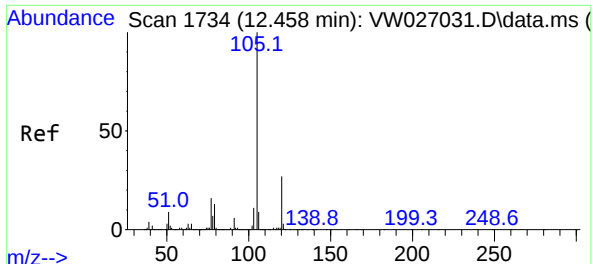
Tgt Ion: 83 Resp: 248898
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9
131 9.9 7.2 10.8



#59
Bromoform
Concen: 28.750 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion:173 Resp: 131446
Ion Ratio Lower Upper
173 100
175 50.9 36.6 54.8
254 12.6 8.5 12.7

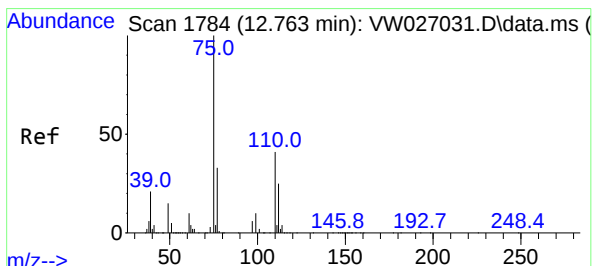
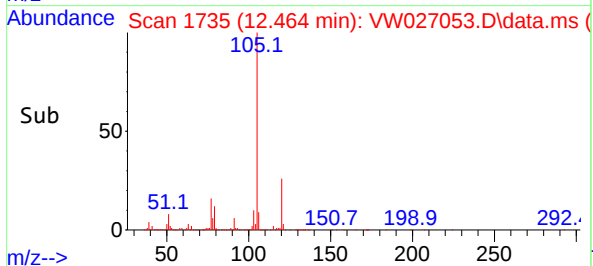
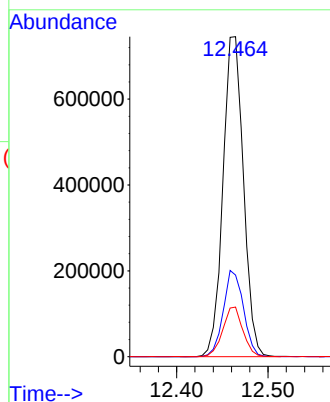
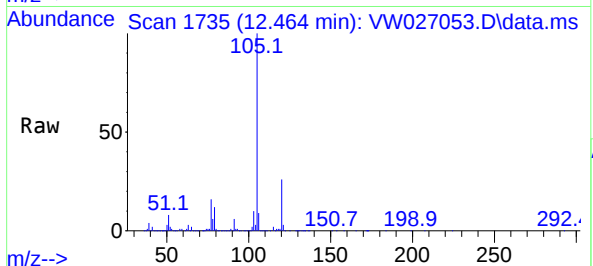




#60
Isopropylbenzene
Concen: 26.404 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

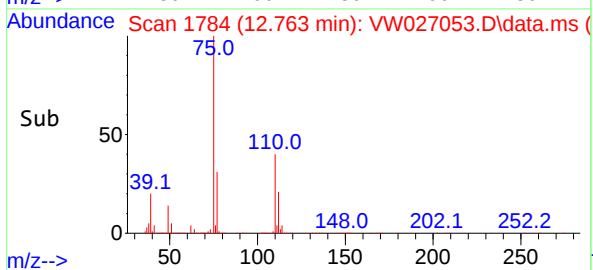
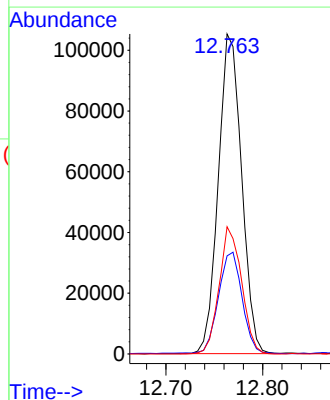
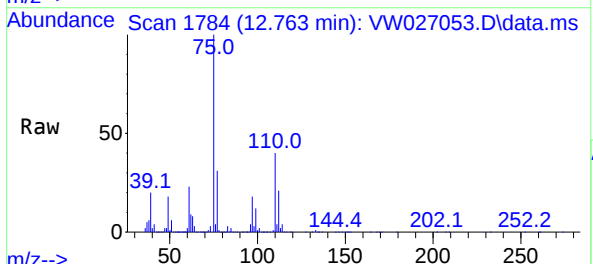
Instrument :
MSVOA_W
ClientSampleId :

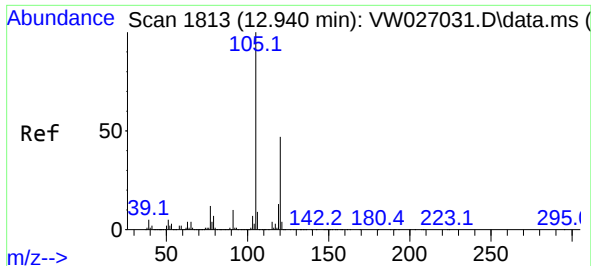
Tgt Ion:105 Resp: 1162849
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 28.644 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion: 75 Resp: 176163
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5
110 38.3 30.5 45.7

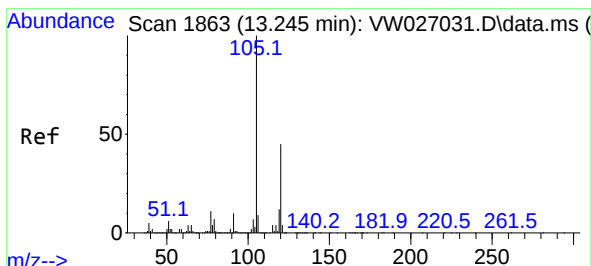
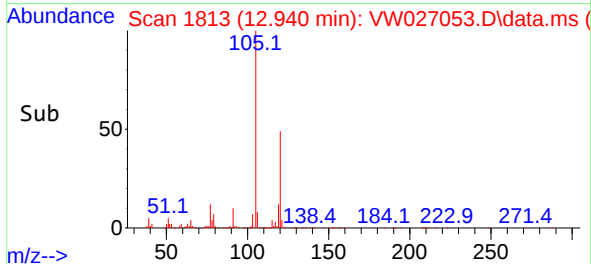
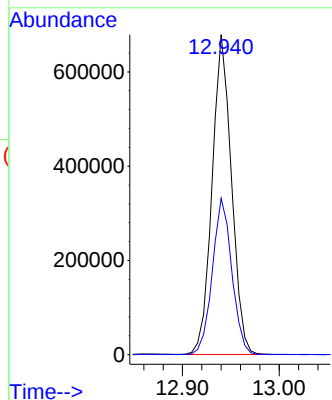
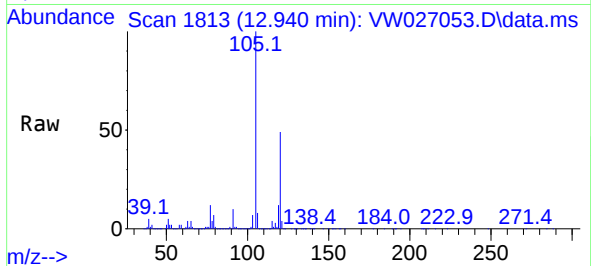




#62
1,3,5-Trimethylbenzene
Concen: 26.891 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

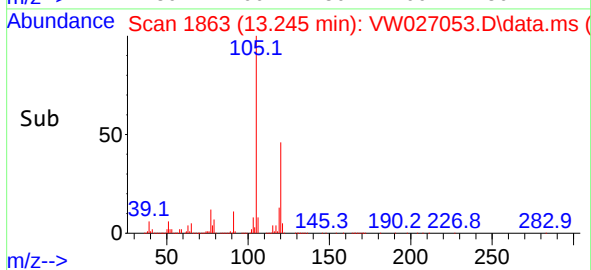
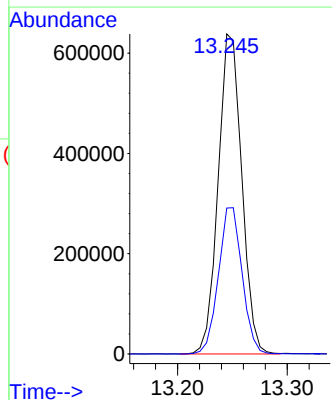
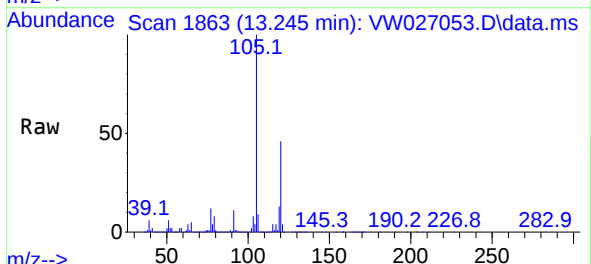
Instrument :
MSVOA_W
ClientSampleId :

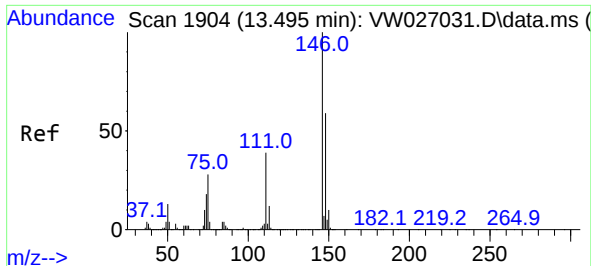
Tgt Ion:105 Resp: 945030
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.794 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion:105 Resp: 954940
Ion Ratio Lower Upper
105 100
120 45.9 36.3 54.5

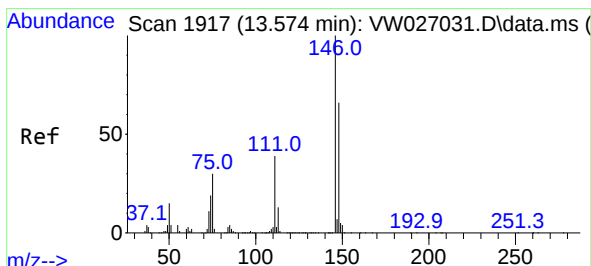
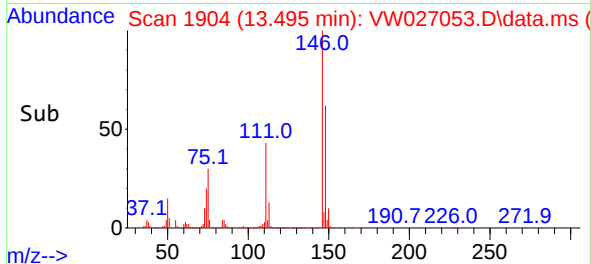
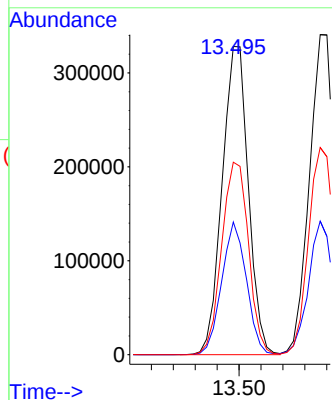
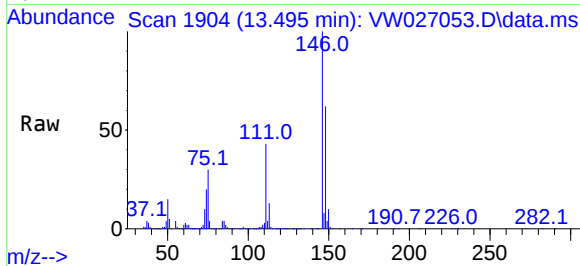




#64
1,3-Dichlorobenzene
Concen: 27.188 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

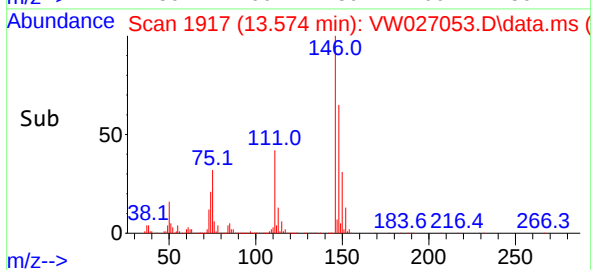
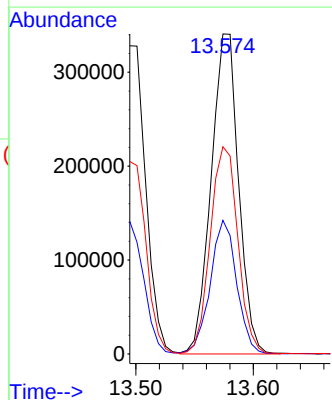
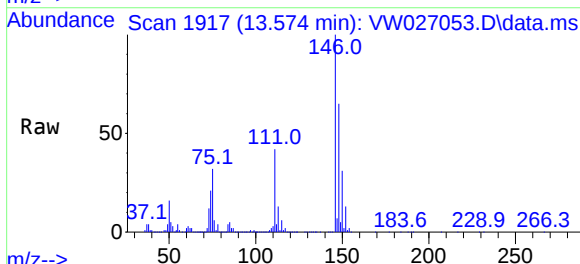
Instrument :
MSVOA_W
ClientSampleId :

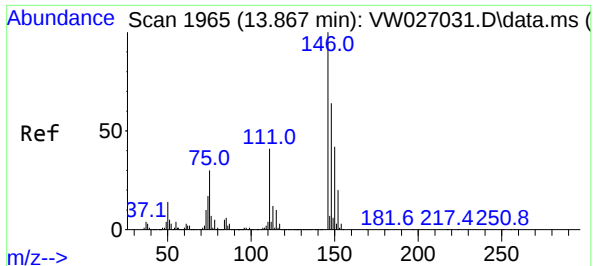
Tgt Ion:146 Resp: 544706
Ion Ratio Lower Upper
146 100
111 43.0 26.9 50.1
148 62.5 39.2 72.8



#65
1,4-Dichlorobenzene
Concen: 27.190 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion:146 Resp: 553684
Ion Ratio Lower Upper
146 100
111 41.7 25.8 47.8
148 64.8 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 27.565 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

Instrument :

MSVOA_W

ClientSampleId :

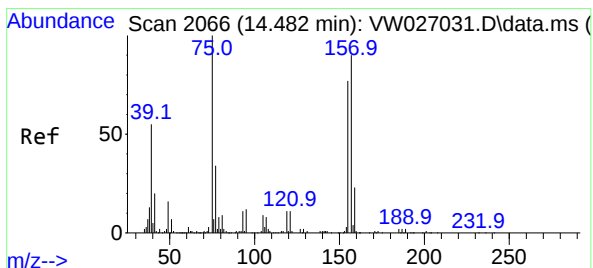
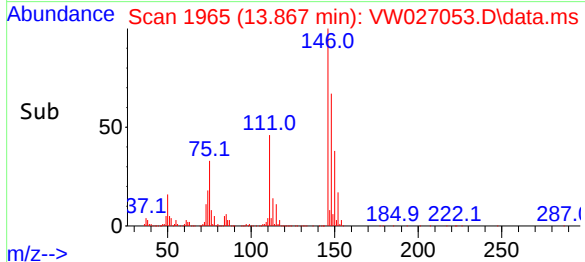
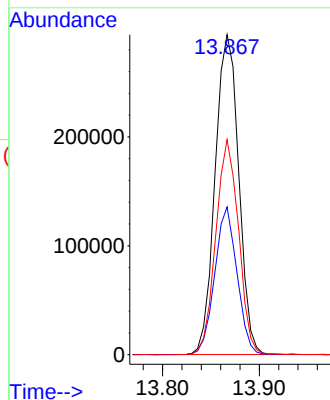
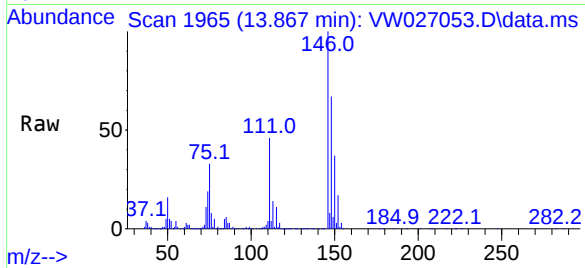
Tgt Ion:146 Resp: 497568

Ion Ratio Lower Upper

146 100

111 46.2 34.0 51.0

148 67.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.092 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027053.D

Acq: 12 Sep 2023 00:49

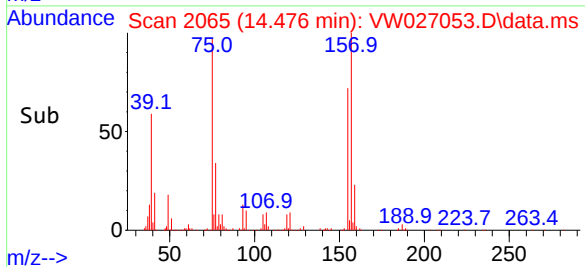
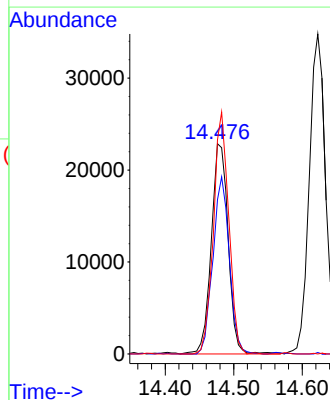
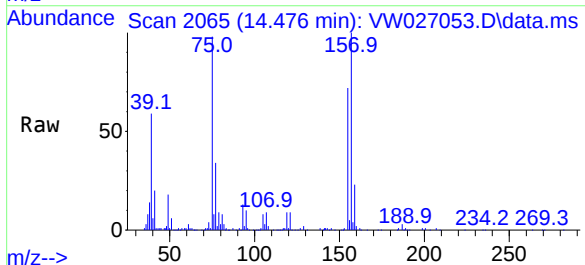
Tgt Ion: 75 Resp: 39177

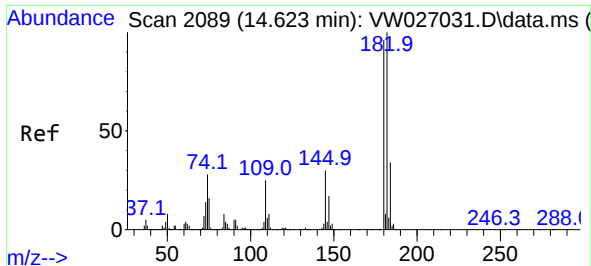
Ion Ratio Lower Upper

75 100

155 73.4 65.9 98.9

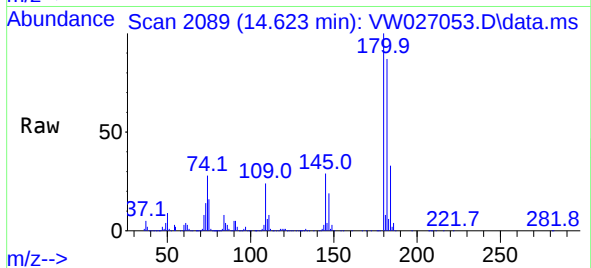
157 101.8 68.7 103.1



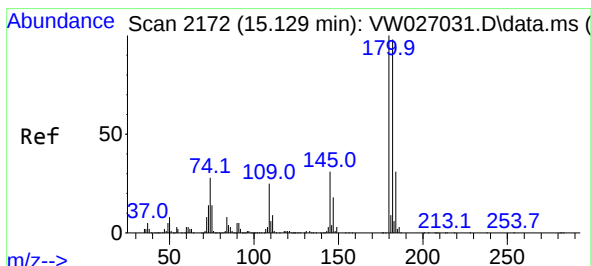
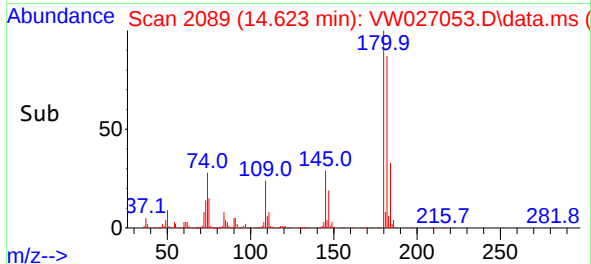
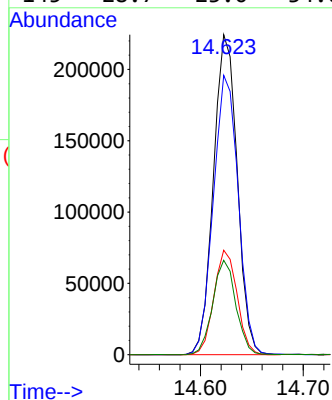


#69
 1,3,5-Trichlorobenzene
 Concen: 25.854 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW027053.D
 Acq: 12 Sep 2023 00:49

Instrument :
 MSVOA_W
 ClientSampleId :

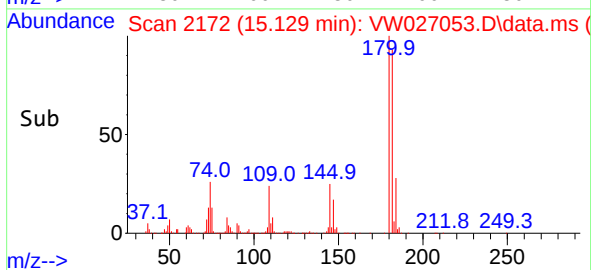
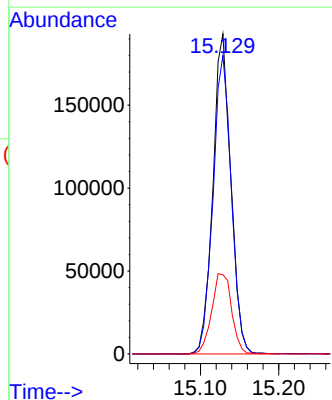
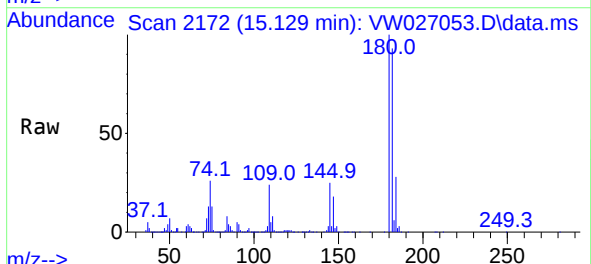


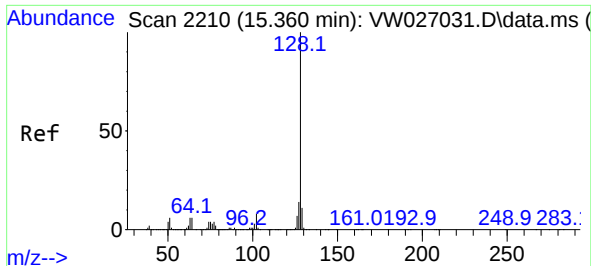
Tgt Ion:	180	Resp:	359816
Ion Ratio	Lower	Upper	
180	100		
182	91.4	73.6	110.4
184	31.9	23.6	35.4
145	28.7	23.0	34.6



#70
 1,2,4-trichlorobenzene
 Concen: 27.058 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW027053.D
 Acq: 12 Sep 2023 00:49

Tgt Ion:	180	Resp:	306608
Ion Ratio	Lower	Upper	
180	100		
182	95.2	81.0	121.6
145	28.0	24.8	37.2



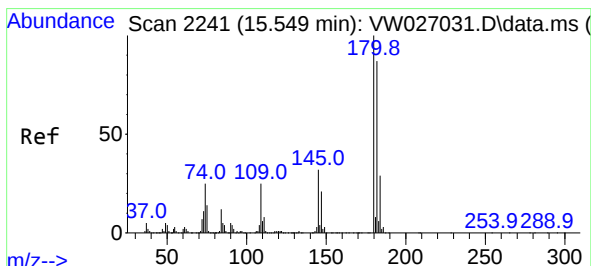
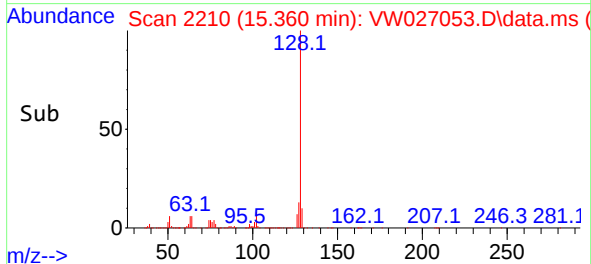
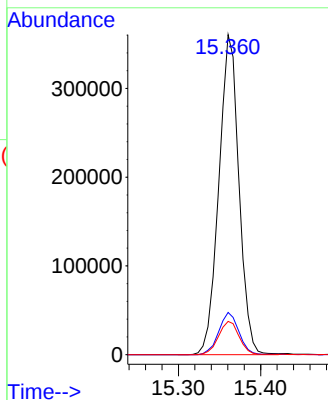
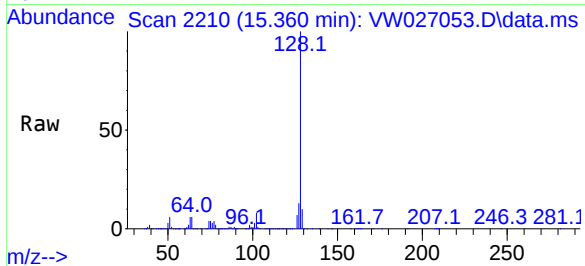


#71
Naphthalene
Concen: 30.566 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 612859

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	10.7	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 28.746 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027053.D
Acq: 12 Sep 2023 00:49

Tgt Ion:180 Resp: 295283

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	31.2	25.6	38.4

