

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
 Data File : VW027080.D
 Acq On : 13 Sep 2023 09:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 14 05:43:04 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	511096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	294478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	174230	19.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.893	69	159299	21.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
11) 1,1-Dichloroethene-d2	4.027	65	79285	23.561	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.240%
21) 2-Butanone-d5	7.075	46	81264	46.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.380%
24) Chloroform-d	7.648	84	425559	27.981	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.920%
26) 1,2-Dichloroethane-d4	8.306	65	203330	25.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.760%
32) Benzene-d6	8.276	84	876631	26.004	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	9.276	67	253252	25.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.324	98	799583	26.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	10.574	79	97132	25.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.922	63	46141	49.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215098	28.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	283168	27.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.200%
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	133974	22.787	ug/L	98
3) Chloromethane	2.222	50	159573	17.994	ug/L	99
5) Vinyl chloride	2.368	62	217077	21.459	ug/L	98
6) Bromomethane	2.789	94	153778	23.033	ug/L	97
8) Chloroethane	2.929	64	139048	21.906	ug/L	98
9) Trichlorofluoromethane	3.265	101	158507	27.008	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	217875	29.893	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	196830	27.257	ug/L	94
13) Acetone	4.118	43	80710	52.391	ug/L	90
14) Carbon disulfide	4.392	76	557077	24.052	ug/L	96
15) Methyl Acetate	4.667	43	77542	24.209	ug/L #	94
16) Methylene chloride	4.917	84	281368	28.416	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	215776	27.301	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	299787	27.239	ug/L	99
19) 1,1-Dichloroethane	6.215	63	408606	27.426	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	245012	28.170	ug/L	95
22) 2-Butanone	7.166	43	116041	46.814	ug/L	94
23) Bromochloromethane	7.514	128	109595	29.035	ug/L	91
25) Chloroform	7.678	83	426116	29.161	ug/L	92

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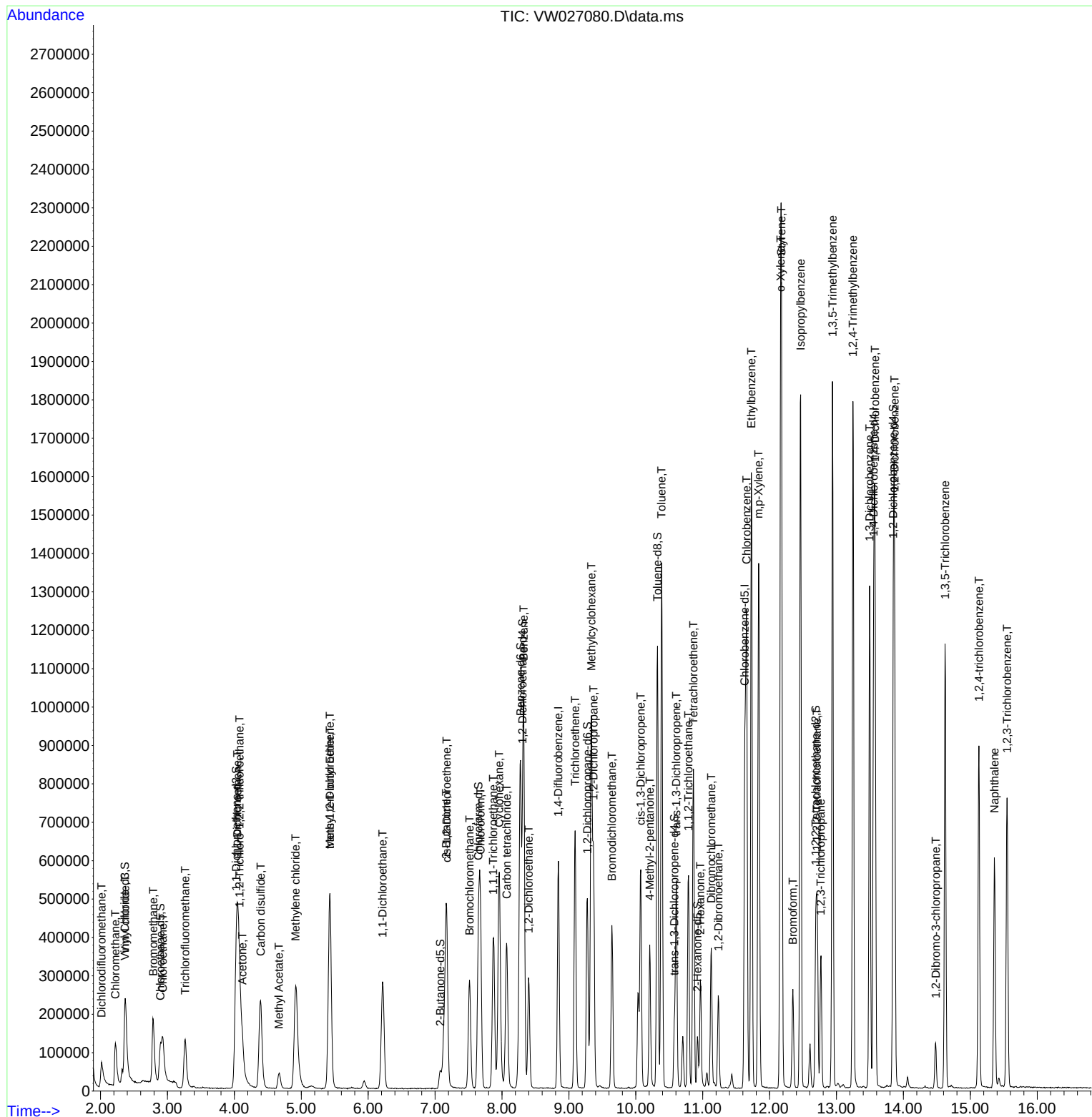
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	256585	27.782	ug/L	96
29) Cyclohexane	7.959	56	320644	23.929	ug/L	94
30) 1,1,1-Trichloroethane	7.867	97	331856	28.506	ug/L	98
31) Carbon tetrachloride	8.069	117	300451	28.956	ug/L	99
33) Benzene	8.325	78	956177	27.204	ug/L	100
34) Trichloroethene	9.093	95	236678	26.207	ug/L	87
35) Methylcyclohexane	9.337	83	403142	26.273	ug/L	97
37) 1,2-Dichloropropane	9.367	63	236075	26.320	ug/L	99
38) Bromodichloromethane	9.642	83	287870	27.252	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	356546	26.777	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	224559	48.494	ug/L	96
42) Toluene	10.385	91	1023040	28.283	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	299678	27.715	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	182922	28.310	ug/L	96
46) Tetrachloroethene	10.861	164	197952	28.715	ug/L	95
48) 2-Hexanone	10.964	43	166081	52.626	ug/L	97
49) Dibromochloromethane	11.129	129	195475	29.368	ug/L	92
50) 1,2-Dibromoethane	11.233	107	163221	27.902	ug/L #	92
51) Chlorobenzene	11.653	112	660761	28.361	ug/L	95
52) Ethylbenzene	11.727	91	1136621	28.345	ug/L	94
53) m,p-Xylene	11.836	106	445073	29.342	ug/L	99
54) o-Xylene	12.165	106	420166	29.603	ug/L	87
55) Styrene	12.178	104	744749	30.746	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	215538	28.197	ug/L	96
59) Bromoform	12.348	173	118592	28.318	ug/L	97
60) Isopropylbenzene	12.464	105	1159321	28.739	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	152160	27.011	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	953976	29.635	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	945619	30.047	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	536696	29.245	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	561844	30.121	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	471668	28.526	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	32797	25.674	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.622	180	379543	29.773	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	287286	27.678	ug/L	97
71) Naphthalene	15.360	128	500765	27.266	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	268033	28.486	ug/L	98

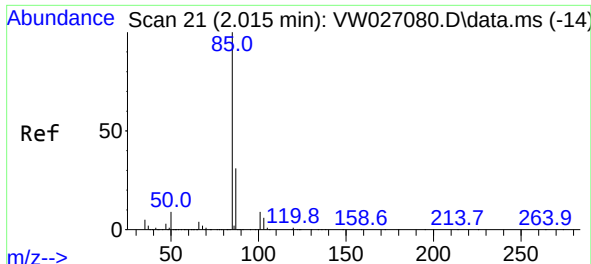
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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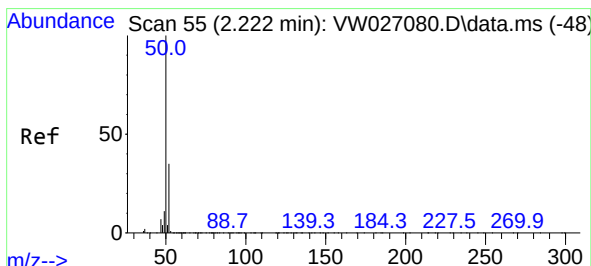
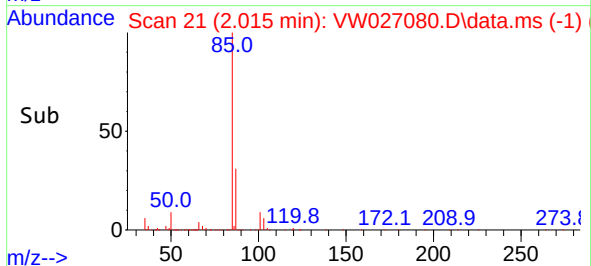
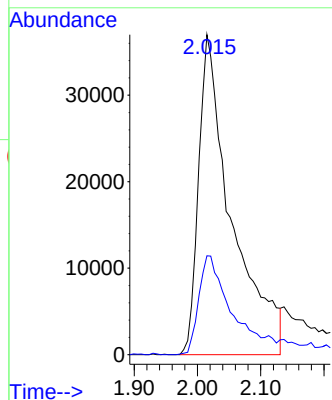
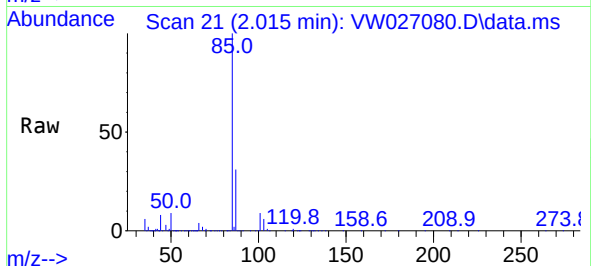




#2
 Dichlorodifluoromethane
 Concen: 22.787 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027080.D
 Acq: 13 Sep 2023 09:16

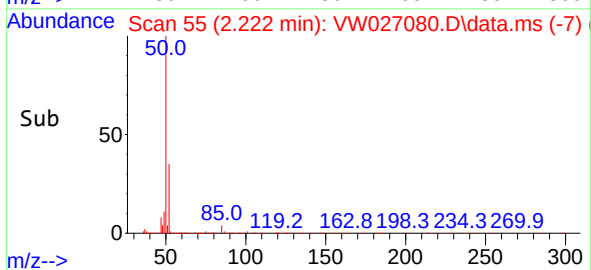
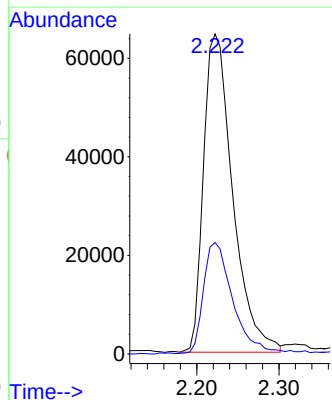
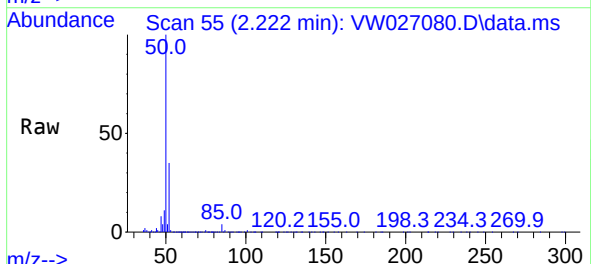
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 ClientSampleId :

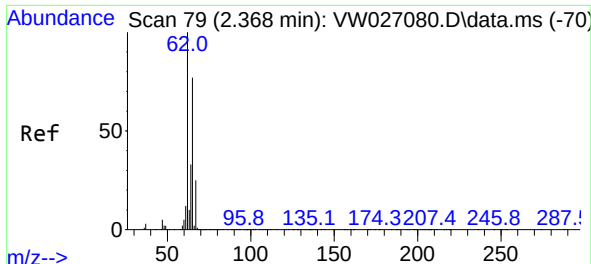
Tgt Ion: 85 Resp: 133974
 Ion Ratio Lower Upper
 85 100
 87 25.0 19.1 28.7



#3
 Chloromethane
 Concen: 17.994 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.007 min
 Lab File: VW027080.D
 Acq: 13 Sep 2023 09:16

Tgt Ion: 50 Resp: 159573
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.1 44.7

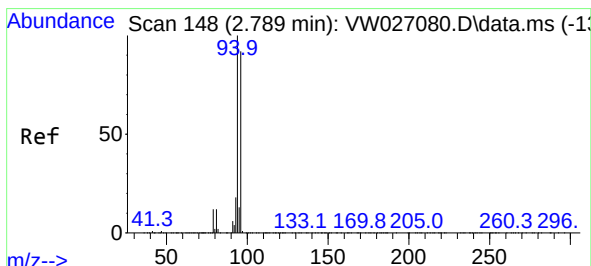
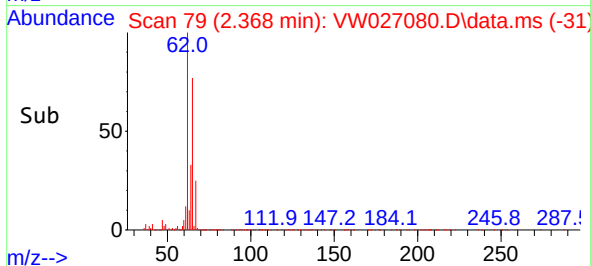
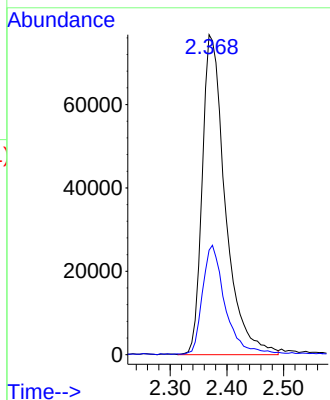
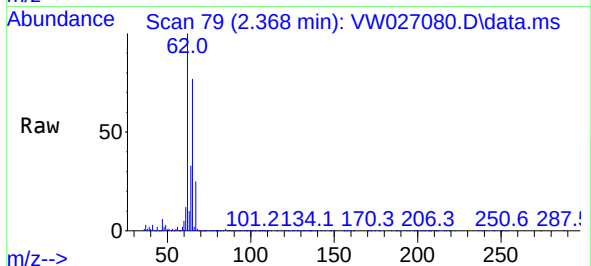




#5
 Vinyl chloride
 Concen: 21.459 ug/L
 RT: 2.368 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: VW027080.D
 Acq: 13 Sep 2023 09:16

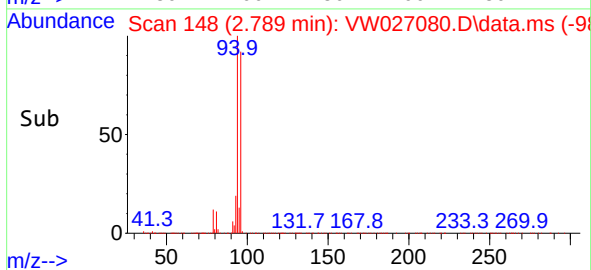
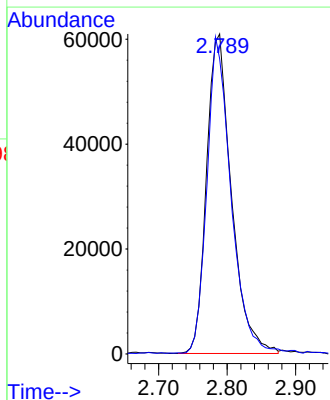
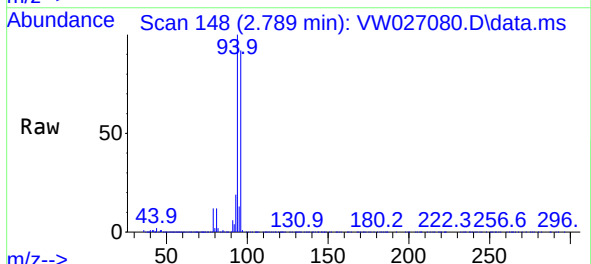
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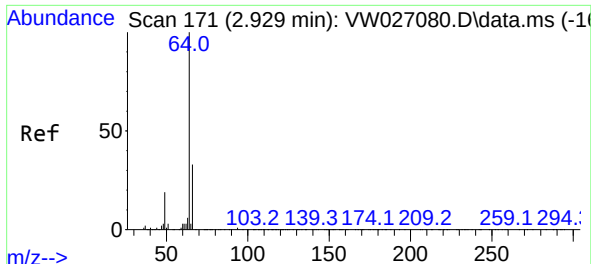
Tgt Ion: 62 Resp: 217077
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.3



#6
 Bromomethane
 Concen: 23.033 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027080.D
 Acq: 13 Sep 2023 09:16

Tgt Ion: 94 Resp: 153778
 Ion Ratio Lower Upper
 94 100
 96 92.3 62.6 116.2

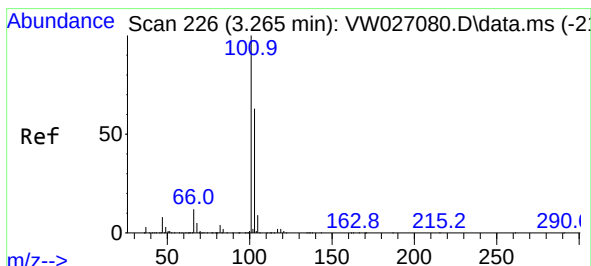
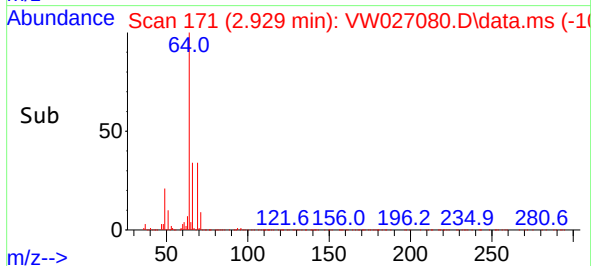
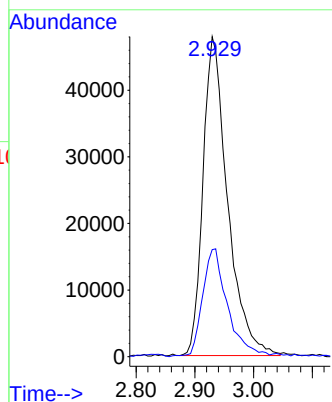
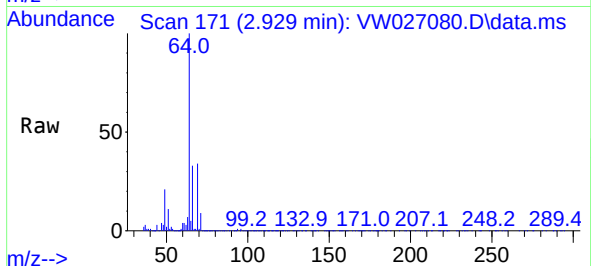




#8
Chloroethane
Concen: 21.906 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

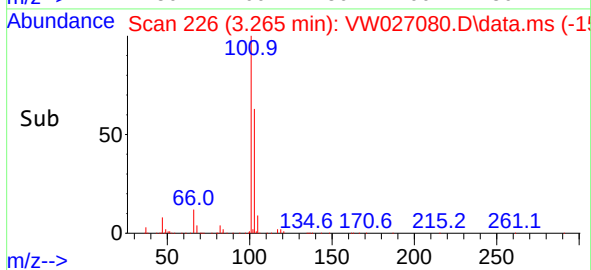
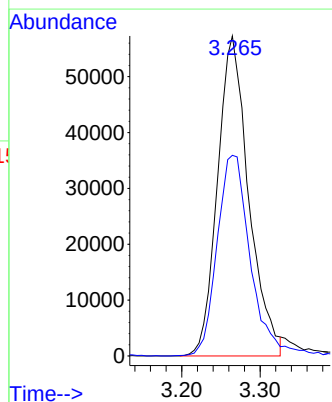
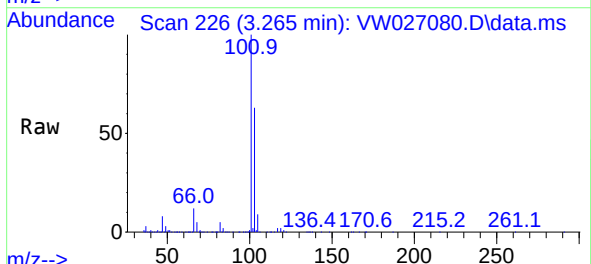
Instrument :
MSVOA_W
ClientSampleId :

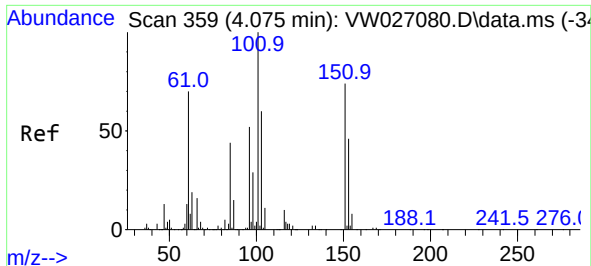
Tgt Ion: 64 Resp: 139048
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.7



#9
Trichlorofluoromethane
Concen: 27.008 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 101 Resp: 158507
Ion Ratio Lower Upper
101 100
103 67.1 50.2 75.4





#10

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

Concen: 29.893 ug/L

RT: 4.075 min Scan# 359

Delta R.T. 0.012 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

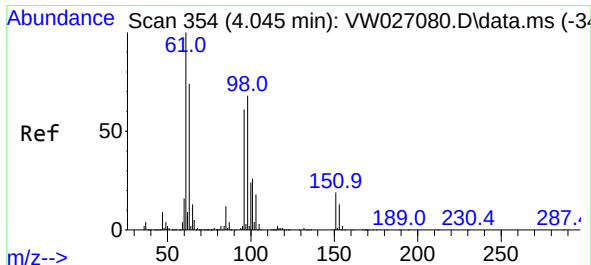
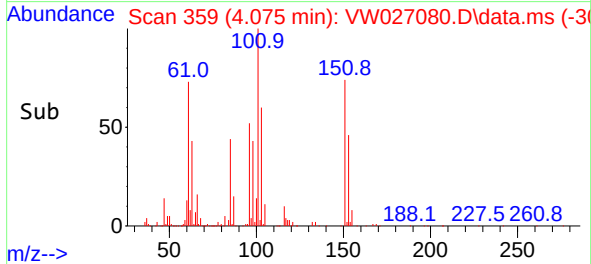
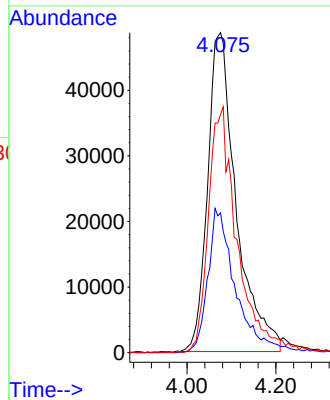
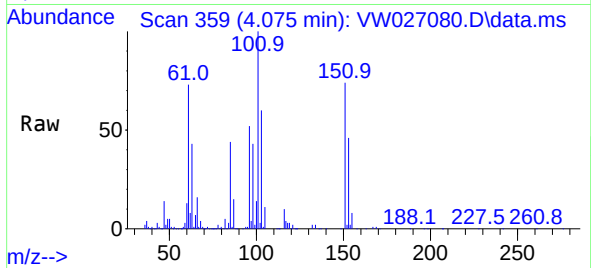
Tgt Ion:101 Resp: 217875

Ion Ratio Lower Upper

101 100

85 41.2 31.1 46.7

151 45.7 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 27.257 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

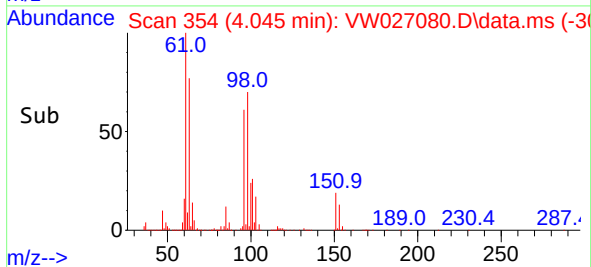
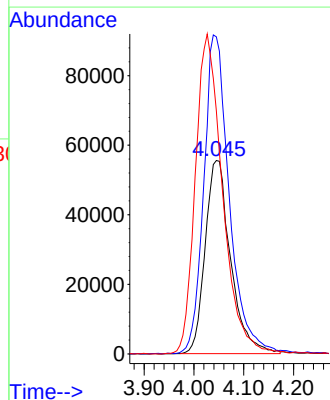
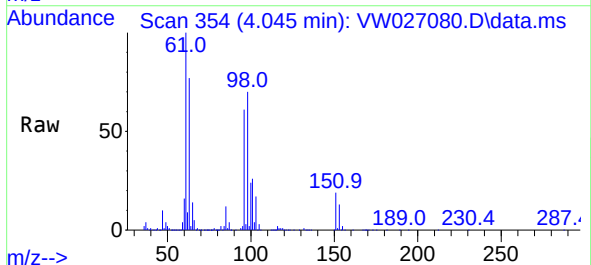
Tgt Ion: 96 Resp: 196830

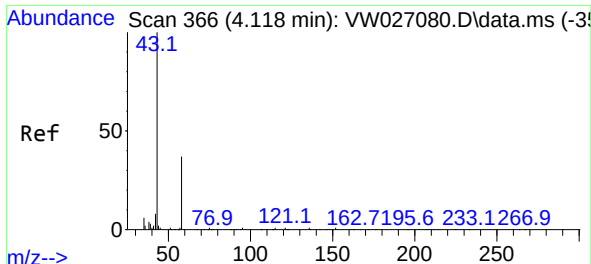
Ion Ratio Lower Upper

96 100

61 163.9 117.0 217.4

63 125.6 97.3 180.7

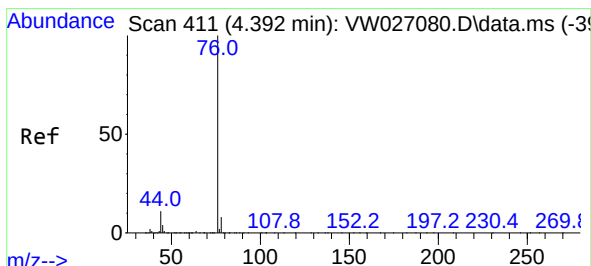
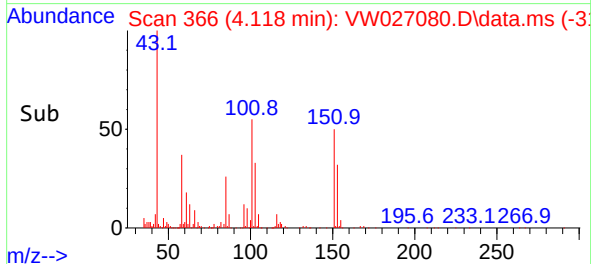
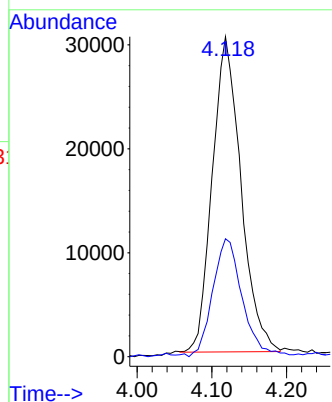
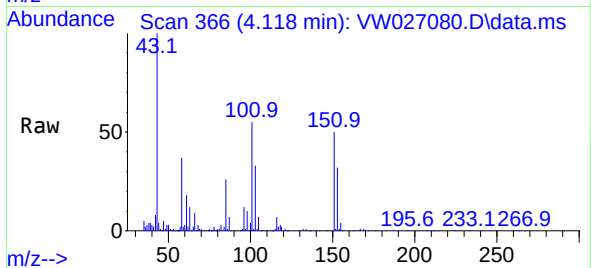




#13
Acetone
Concen: 52.391 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

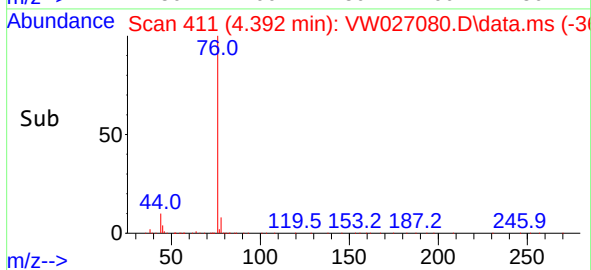
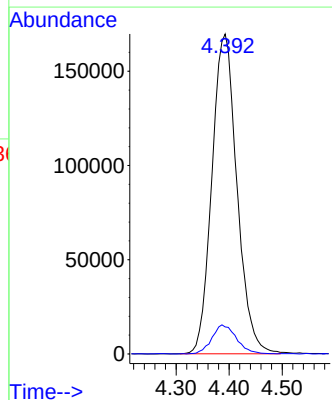
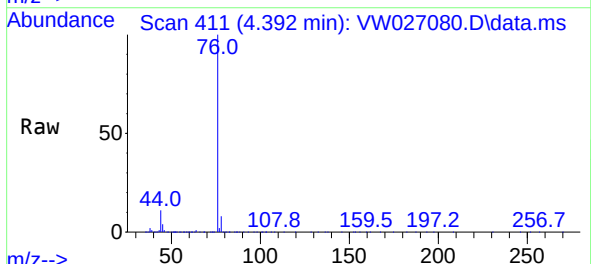
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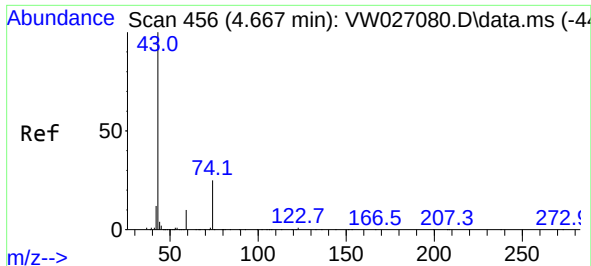
Tgt Ion: 43 Resp: 80710
Ion Ratio Lower Upper
43 100
58 38.6 0.0 66.4



#14
Carbon disulfide
Concen: 24.052 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027080.D
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Tgt Ion: 76 Resp: 557077
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

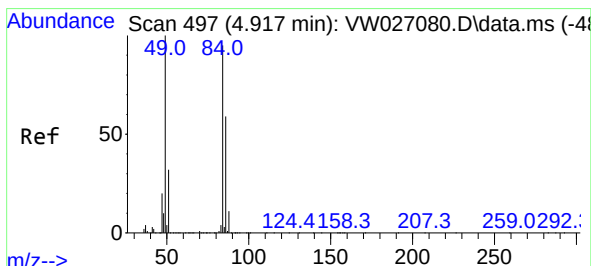
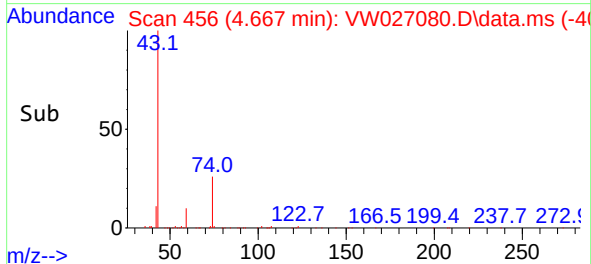
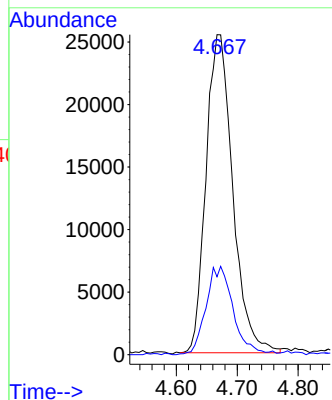
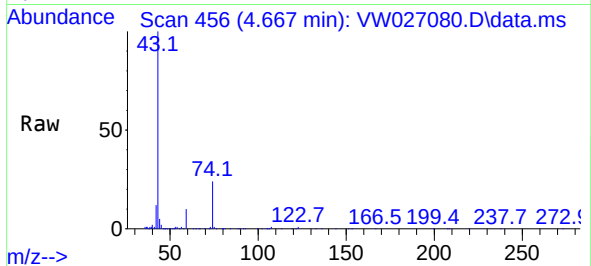




#15
Methyl Acetate
Concen: 24.209 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.007 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

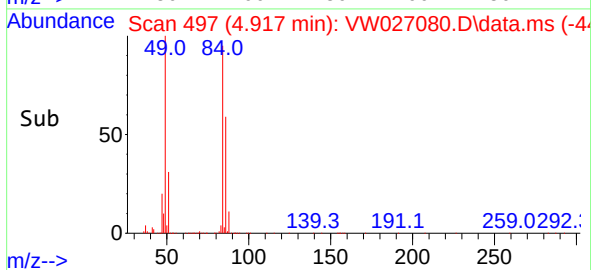
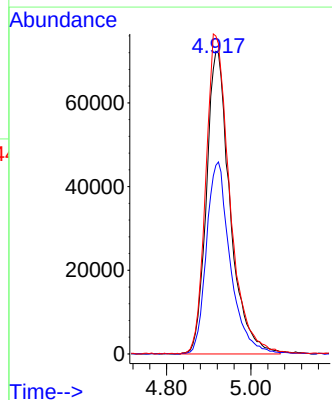
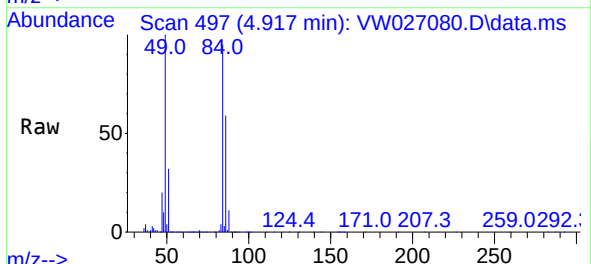
Instrument :
MSVOA_W
ClientSampleId :

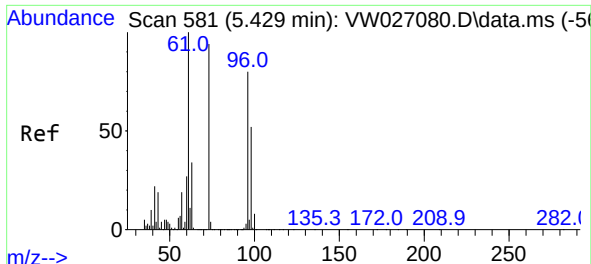
Tgt Ion: 43 Resp: 77542
Ion Ratio Lower Upper
43 100
74 13.1 0.1 0.1#



#16
Methylene chloride
Concen: 28.416 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

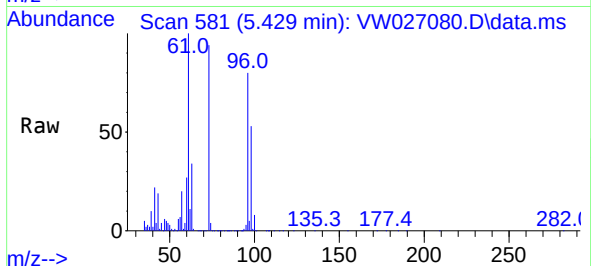
Tgt Ion: 84 Resp: 281368
Ion Ratio Lower Upper
84 100
86 62.3 44.1 81.9
49 105.1 82.1 152.5





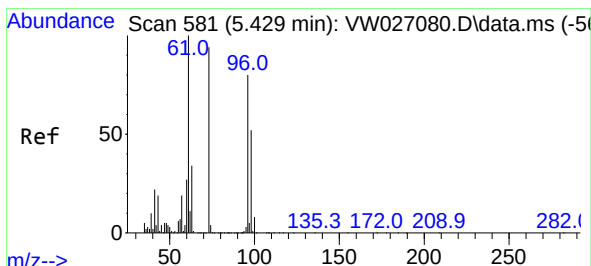
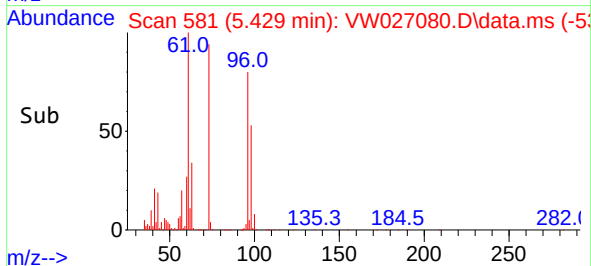
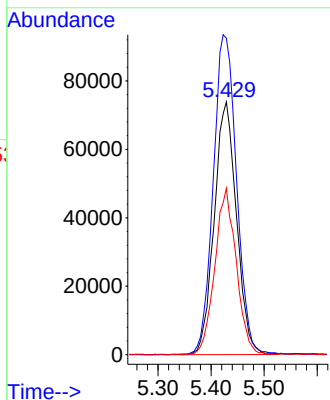
#17
trans-1,2-Dichloroethene
Concen: 27.301 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 215776

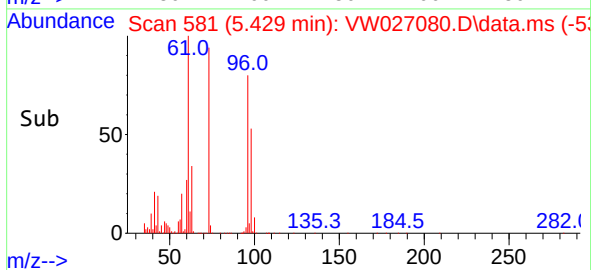
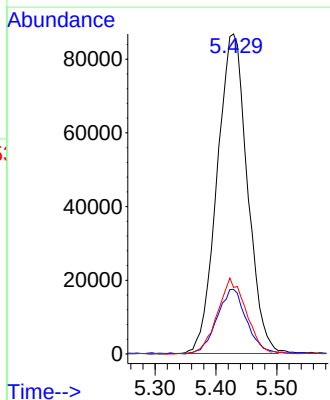
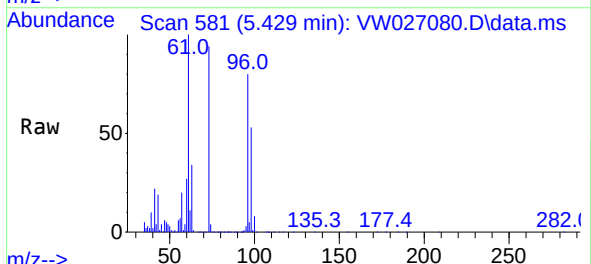
Ion	Ratio	Lower	Upper
96	100		
61	125.2	100.3	186.3
98	65.8	45.5	84.5

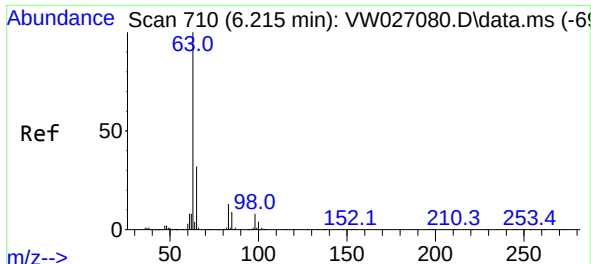


#18
Methyl tert-butyl Ether
Concen: 27.239 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 73 Resp: 299787

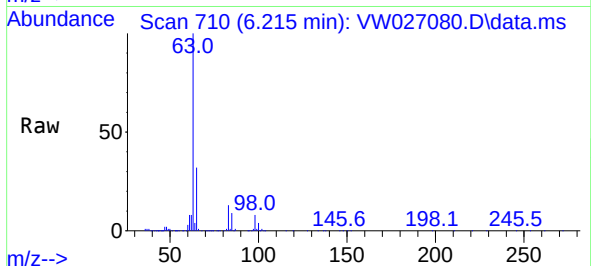
Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.5	24.7
57	22.4	18.5	27.7



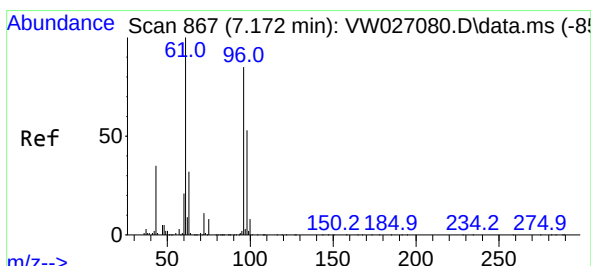
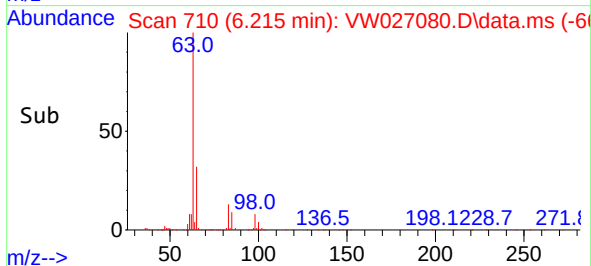
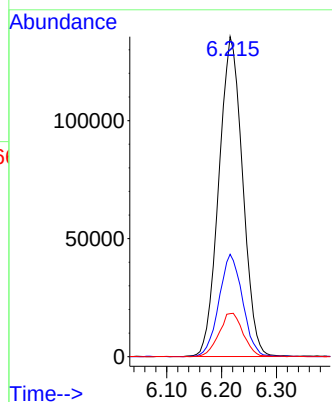


#19
1,1-Dichloroethane
Concen: 27.426 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

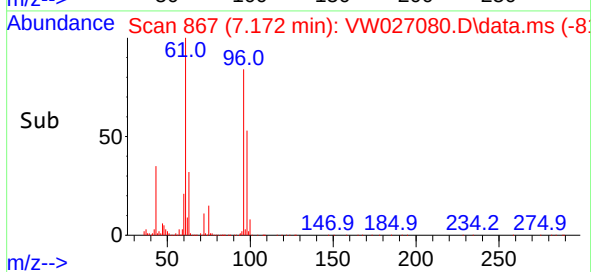
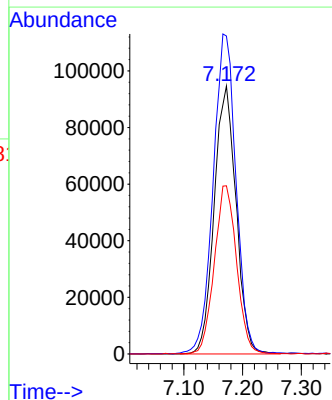
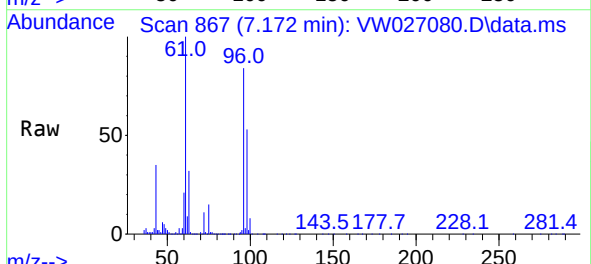


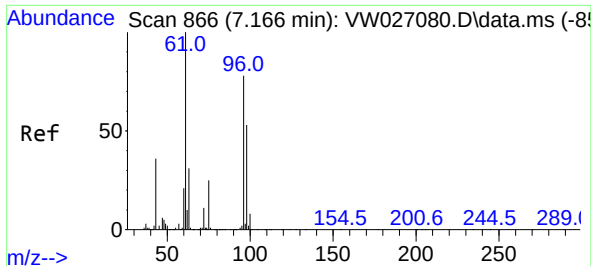
Tgt Ion: 63 Resp: 408606
Ion Ratio Lower Upper
63 100
65 32.0 22.1 41.1
83 13.4 8.3 15.3



#20
cis-1,2-Dichloroethene
Concen: 28.170 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 96 Resp: 245012
Ion Ratio Lower Upper
96 100
61 118.6 89.0 165.4
98 62.8 43.6 81.0

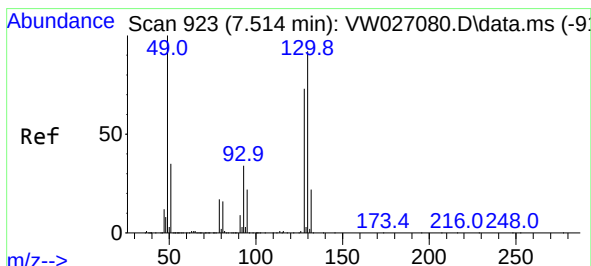
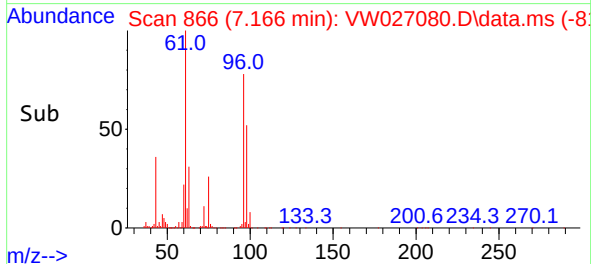
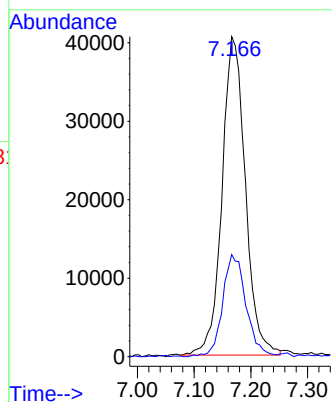
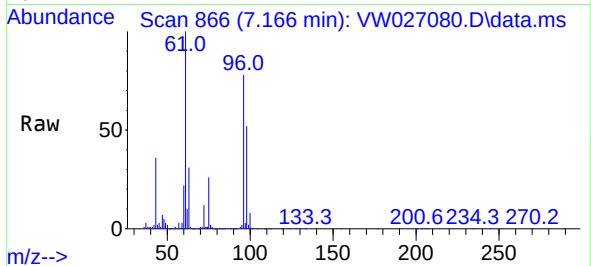




#22
2-Butanone
Concen: 46.814 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.007 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

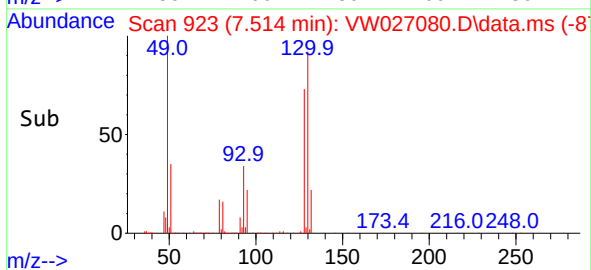
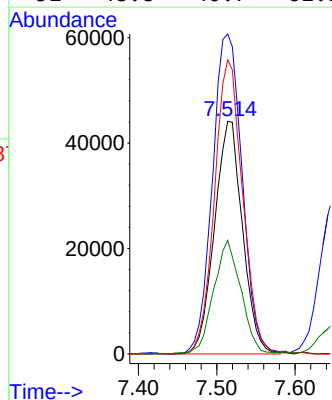
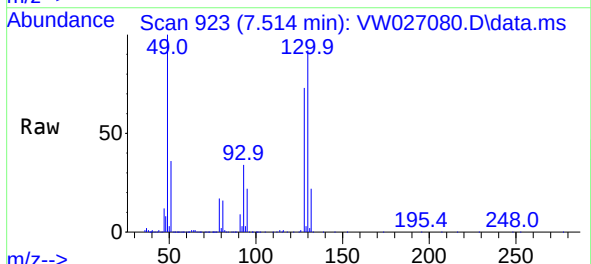
Instrument :
MSVOA_W
ClientSampleId :

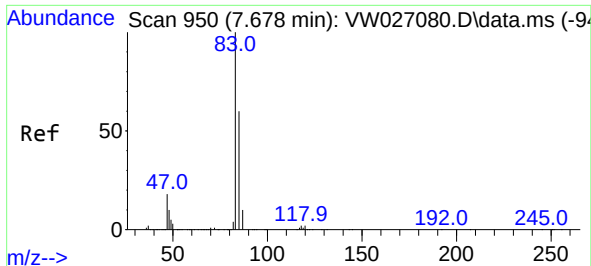
Tgt Ion: 43 Resp: 116041
Ion Ratio Lower Upper
43 100
72 31.8 14.4 43.0



#23
Bromochloromethane
Concen: 29.035 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 128 Resp: 109595
Ion Ratio Lower Upper
128 100
49 137.5 111.6 207.2
130 126.4 90.9 168.7
51 48.8 40.7 61.1

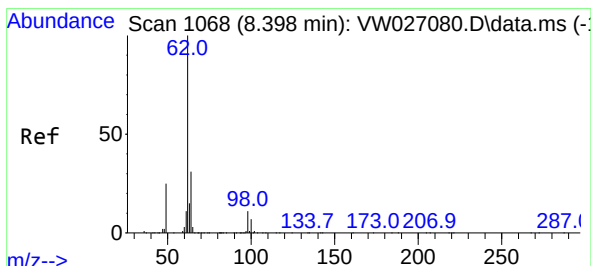
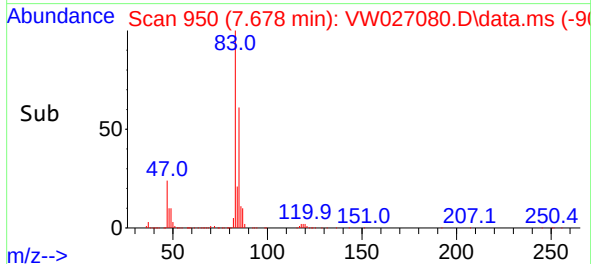
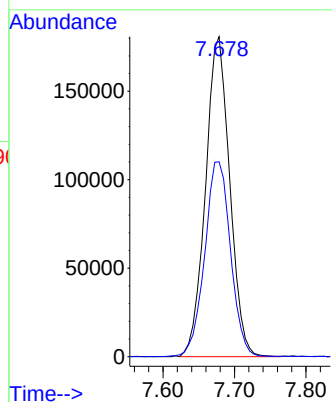
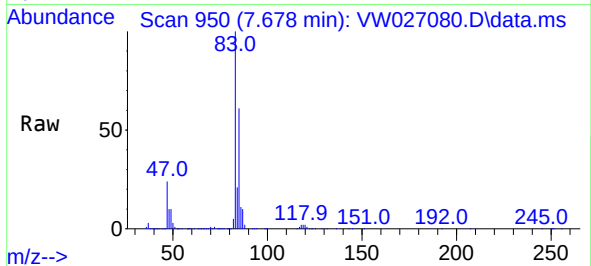




#25
Chloroform
Concen: 29.161 ug/L
RT: 7.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

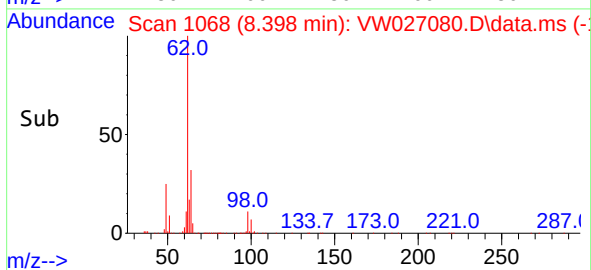
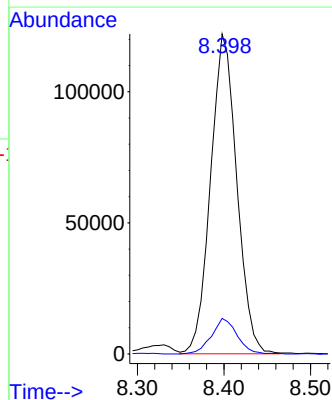
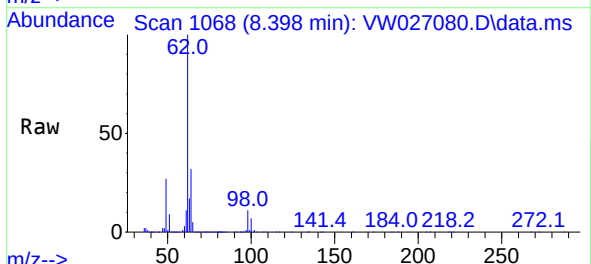
Instrument :
MSVOA_W
ClientSampleId :

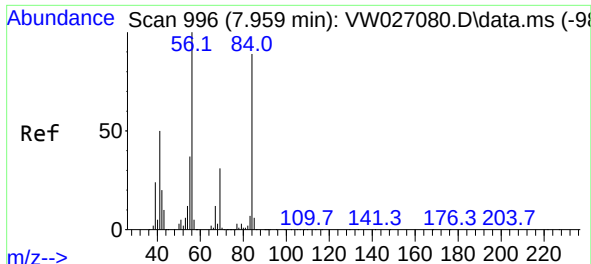
Tgt Ion: 83 Resp: 426116
Ion Ratio Lower Upper
83 100
85 60.9 47.3 87.9



#27
1,2-Dichloroethane
Concen: 27.782 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 62 Resp: 256585
Ion Ratio Lower Upper
62 100
98 11.1 7.6 11.4





#29

Cyclohexane

Concen: 23.929 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

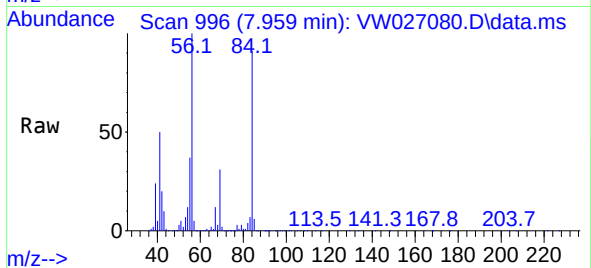
Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :



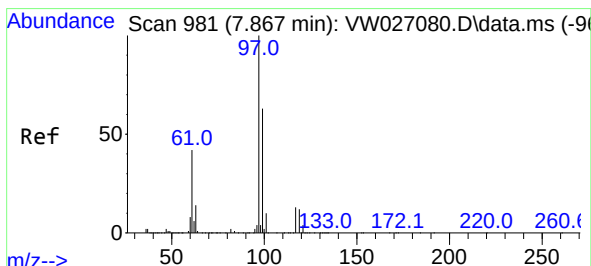
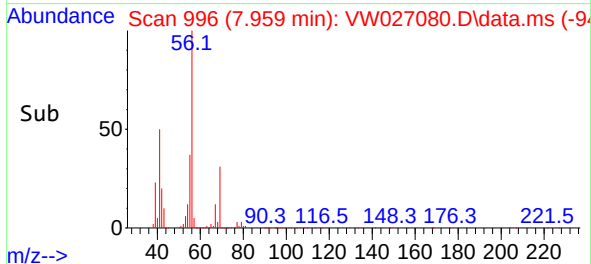
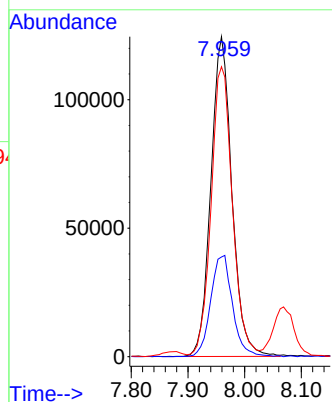
Tgt Ion: 56 Resp: 320644

Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 92.0 68.2 102.4



#30

1,1,1-Trichloroethane

Concen: 28.506 ug/L

RT: 7.867 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

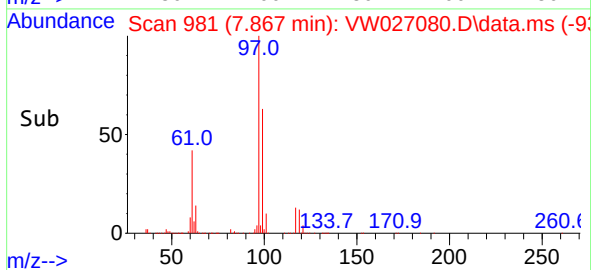
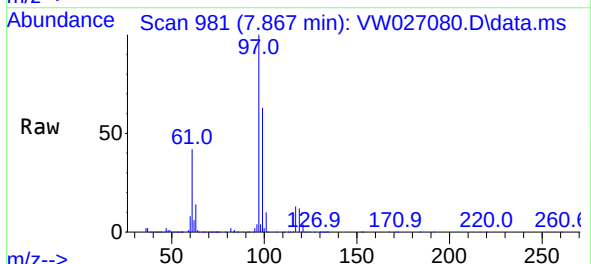
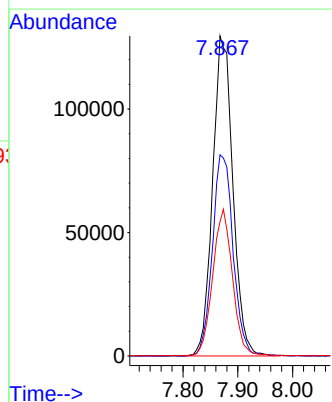
Tgt Ion: 97 Resp: 331856

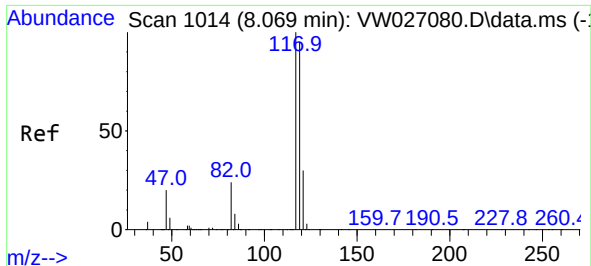
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 44.9 37.6 56.4

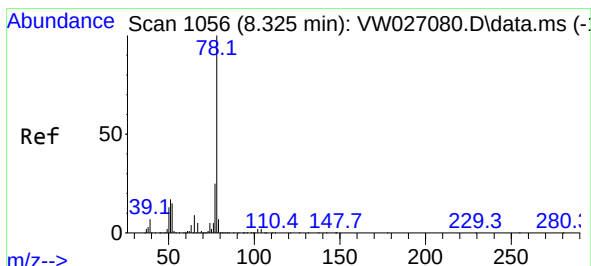
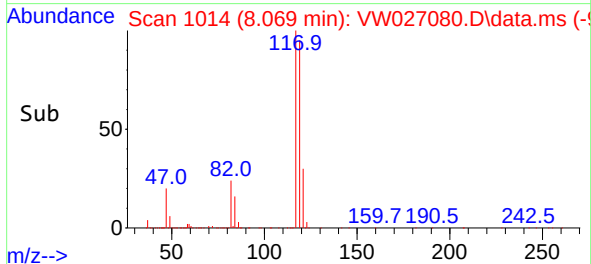
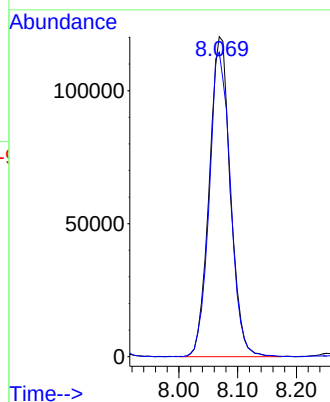
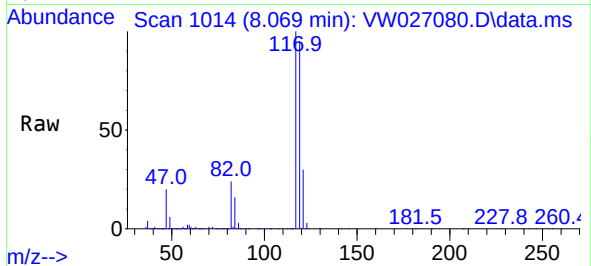




#31
Carbon tetrachloride
Concen: 28.956 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

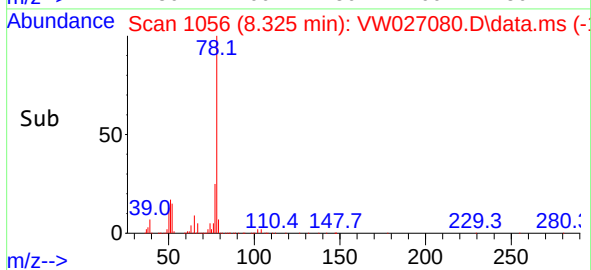
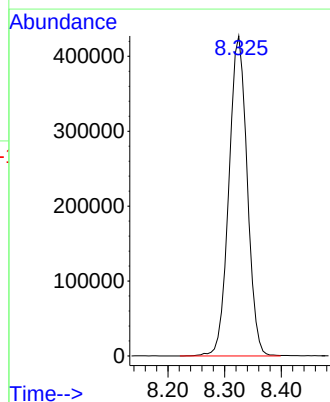
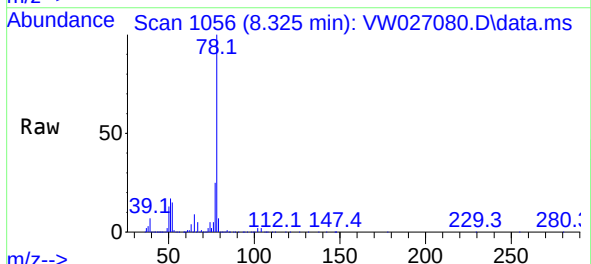
Instrument :
MSVOA_W
ClientSampleId :

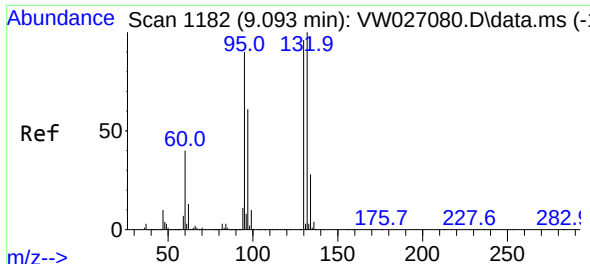
Tgt Ion:117 Resp: 300451
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 27.204 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

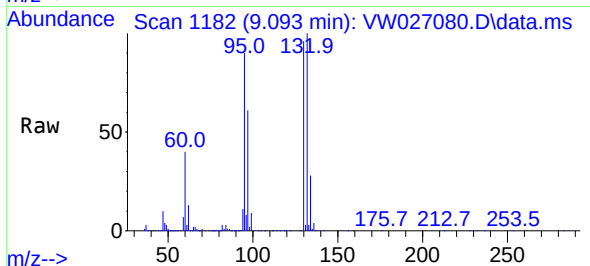
Tgt Ion: 78 Resp: 956177





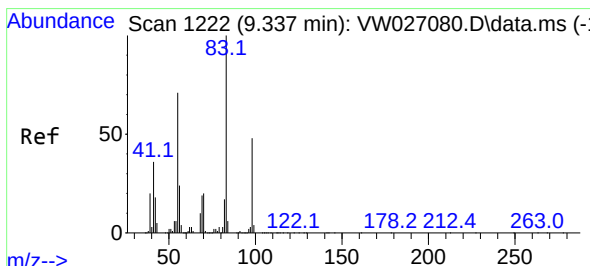
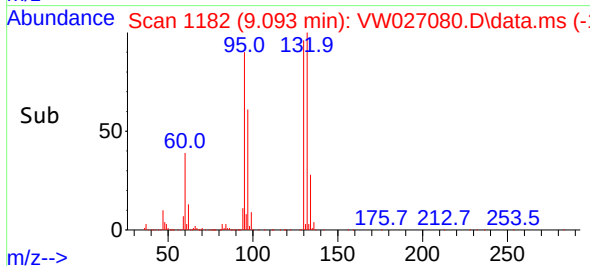
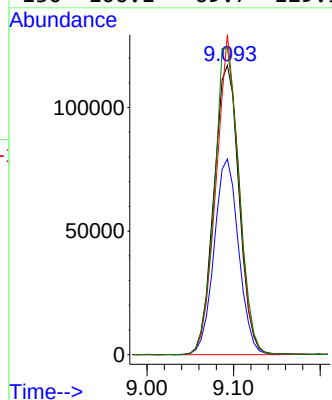
#34
Trichloroethene
Concen: 26.207 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 236678

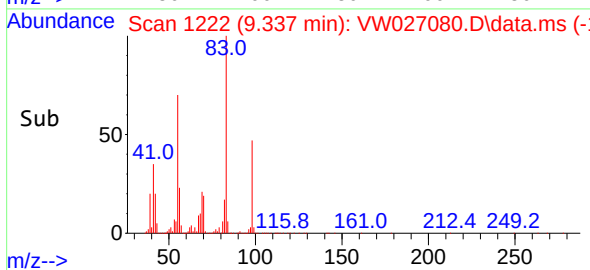
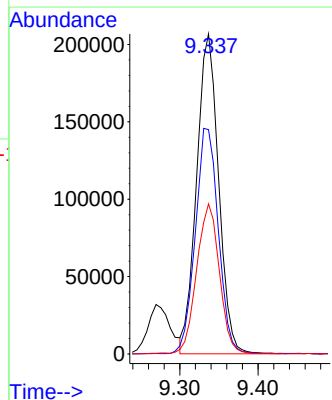
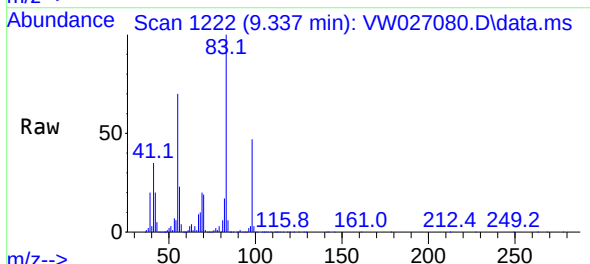
Ion	Ratio	Lower	Upper
95	100		
97	67.6	42.4	78.8
132	110.6	63.1	117.3
130	106.1	69.7	129.5

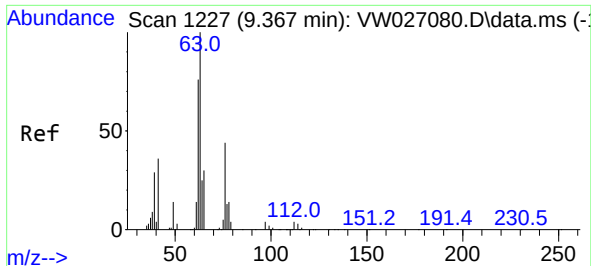


#35
Methylcyclohexane
Concen: 26.273 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 83 Resp: 403142

Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.7	92.5
98	48.5	38.3	57.5





#37

1,2-Dichloropropane

Concen: 26.320 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

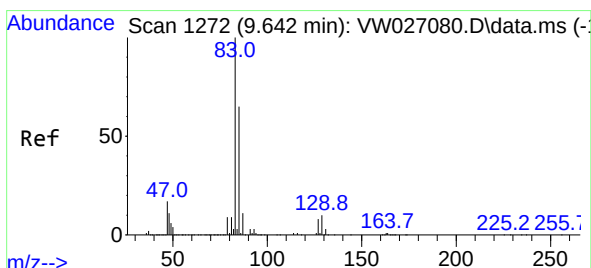
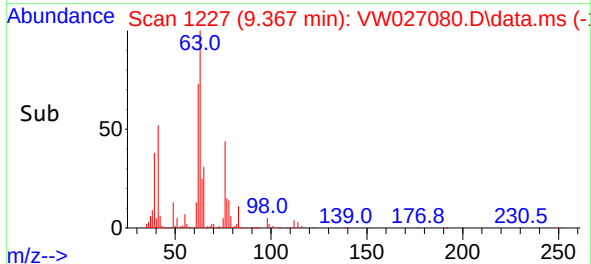
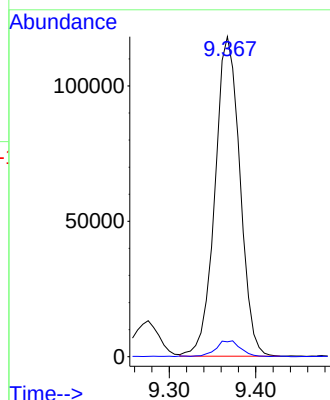
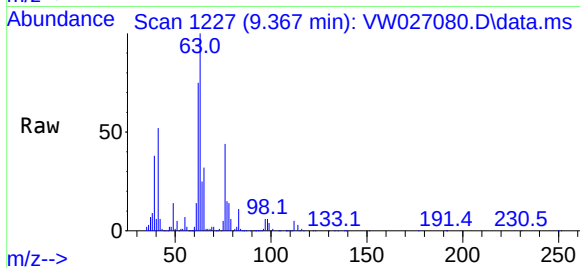
ClientSampleId :

Tgt Ion: 63 Resp: 236075

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 27.252 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

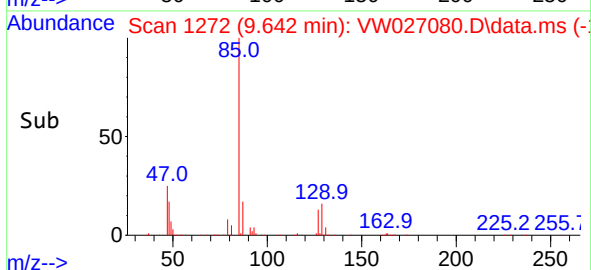
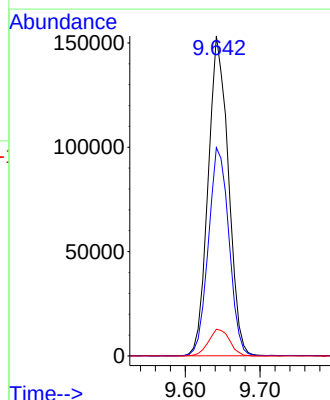
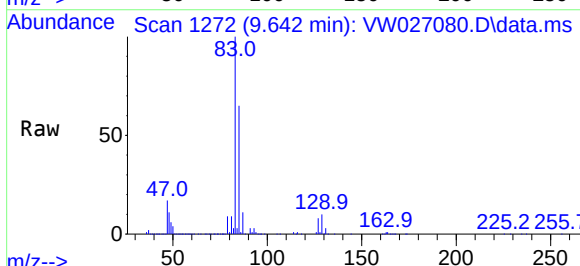
Tgt Ion: 83 Resp: 287870

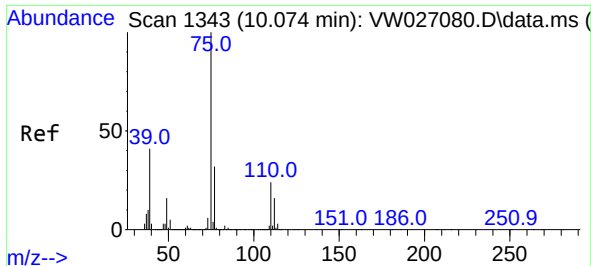
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4

127 8.3 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 26.777 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

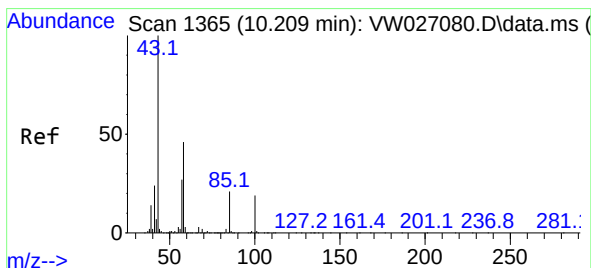
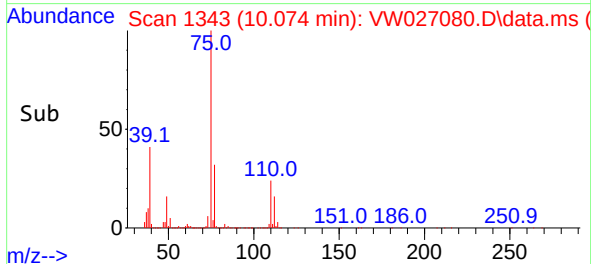
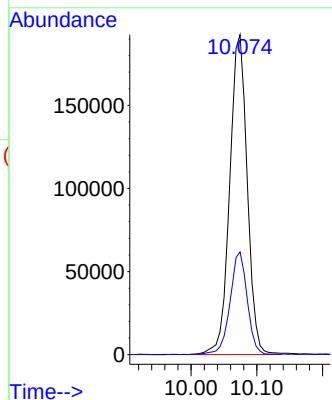
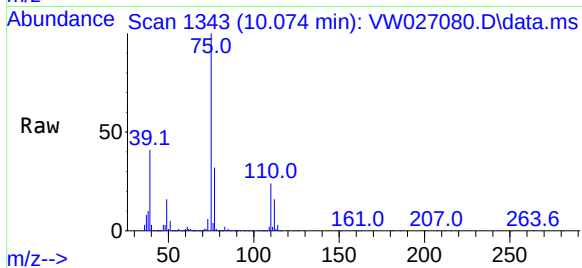
ClientSampleId :

Tgt Ion: 75 Resp: 356546

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 48.494 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

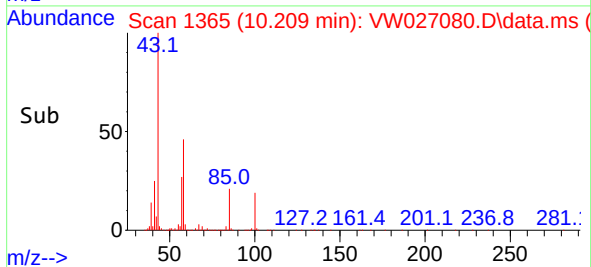
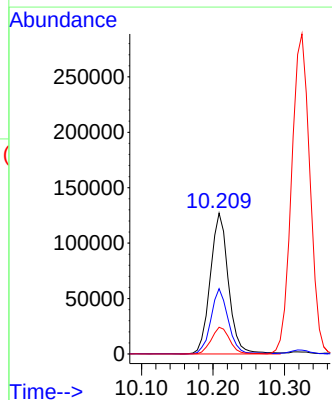
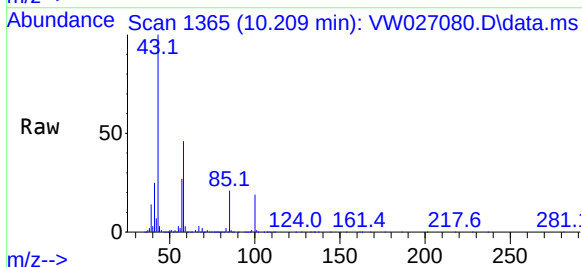
Tgt Ion: 43 Resp: 224559

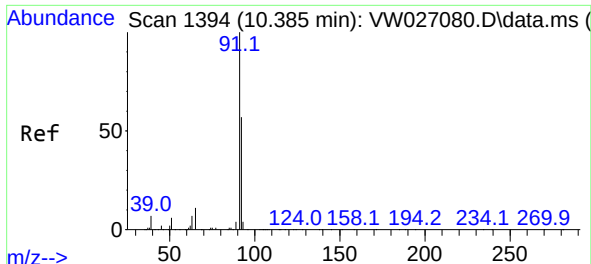
Ion Ratio Lower Upper

43 100

58 43.6 33.4 50.2

100 18.9 13.0 19.4

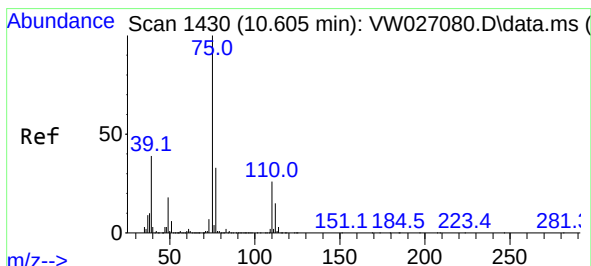
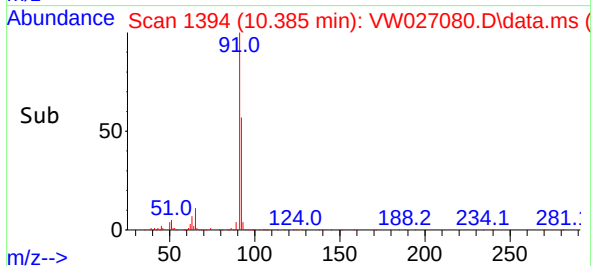
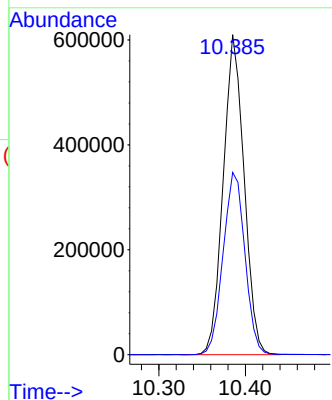
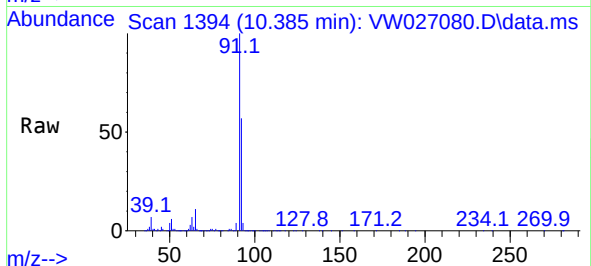




#42
Toluene
Concen: 28.283 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

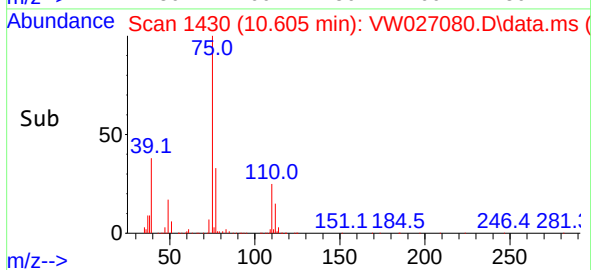
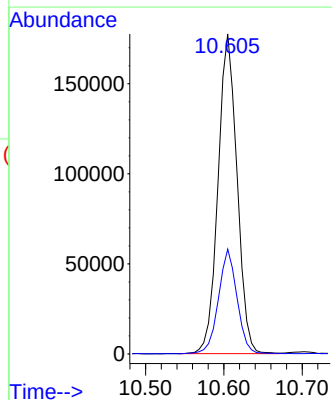
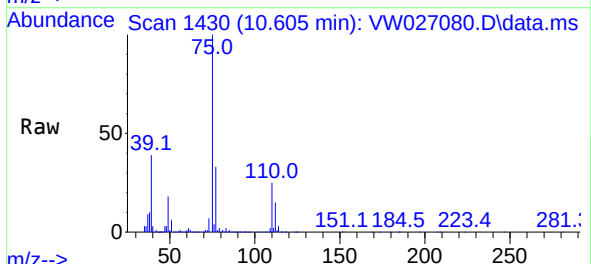
Instrument :
MSVOA_W
ClientSampleId :

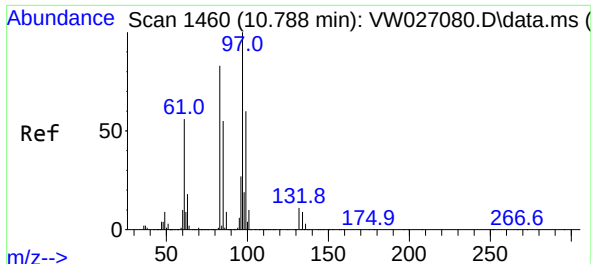
Tgt Ion: 91 Resp: 1023040
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.715 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 75 Resp: 299678
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6



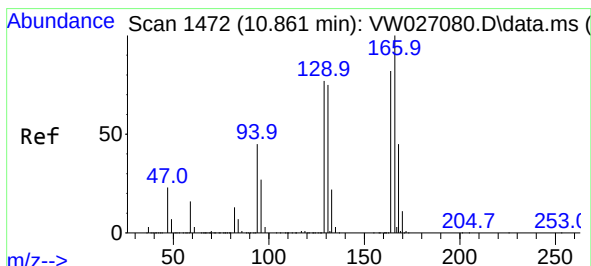
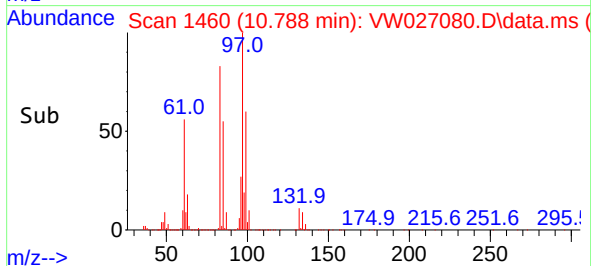
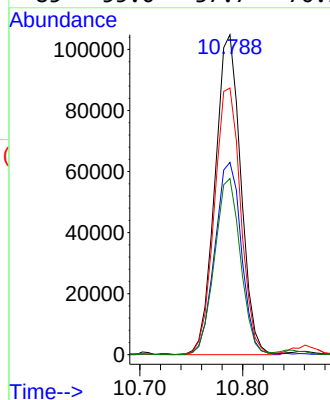
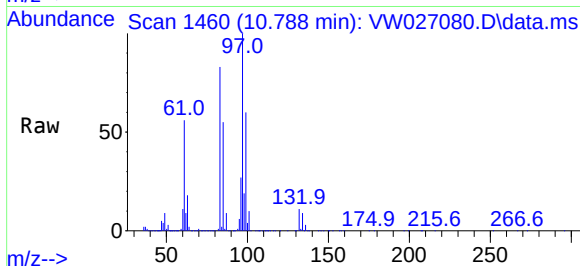


#45
1,1,2-Trichloroethane
Concen: 28.310 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 182922

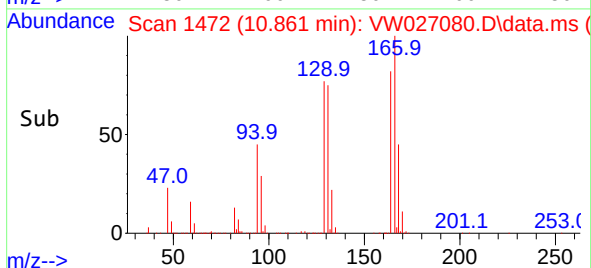
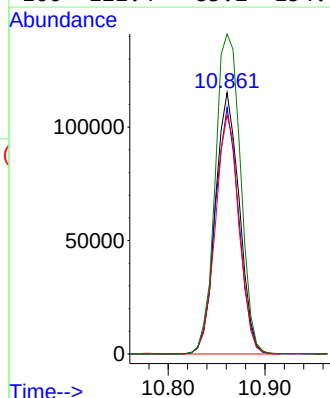
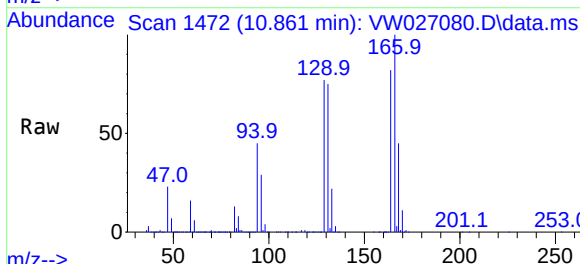
Ion	Ratio	Lower	Upper
97	100		
99	60.1	44.7	82.9
83	83.3	60.9	113.1
85	55.0	37.7	70.1

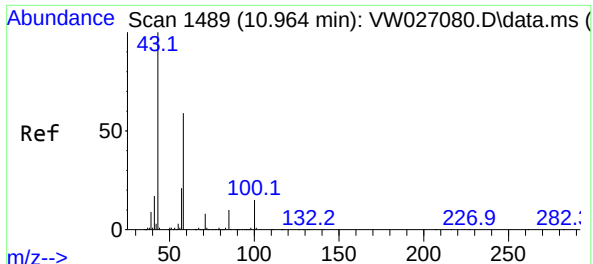


#46
Tetrachloroethene
Concen: 28.715 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 164 Resp: 197952

Ion	Ratio	Lower	Upper
164	100		
129	94.2	71.4	132.6
131	91.5	60.8	113.0
166	122.4	83.2	154.6





#48

2-Hexanone

Concen: 52.626 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

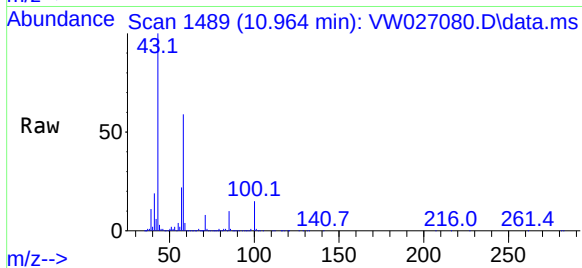
Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 166081

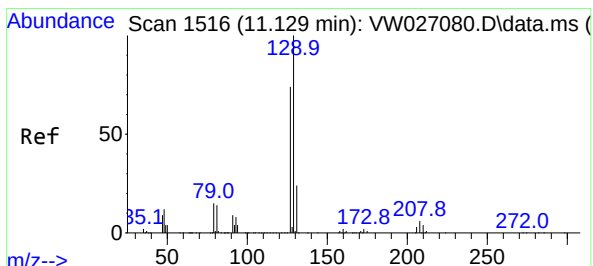
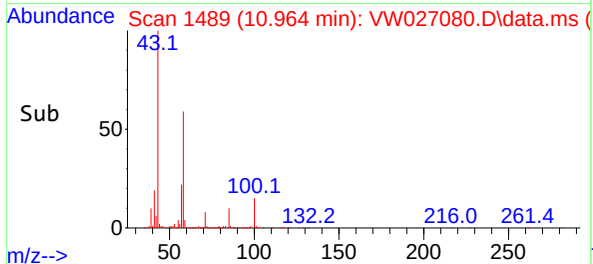
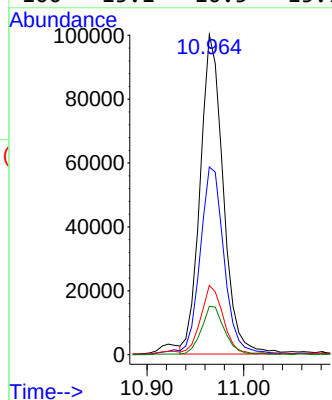
Ion Ratio Lower Upper

43 100

58 60.8 47.5 71.3

57 21.3 15.2 22.8

100 15.1 10.5 15.7



#49

Dibromochloromethane

Concen: 29.368 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW027080.D

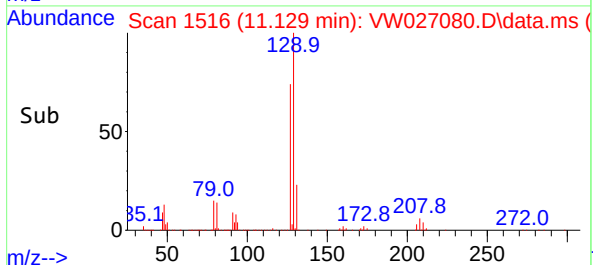
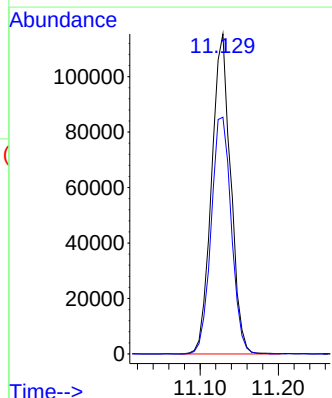
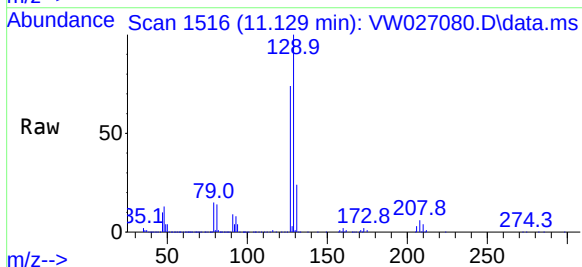
Acq: 13 Sep 2023 09:16

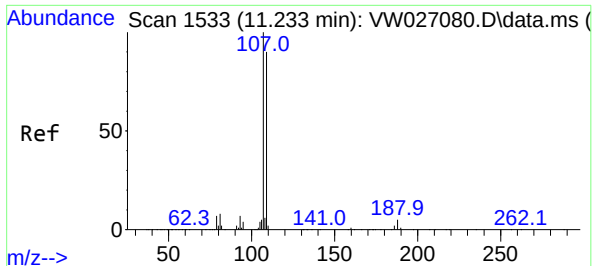
Tgt Ion: 129 Resp: 195475

Ion Ratio Lower Upper

129 100

127 74.0 47.5 88.3





#50

1,2-Dibromoethane

Concen: 27.902 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027080.D

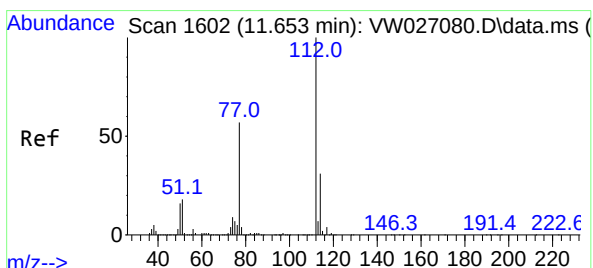
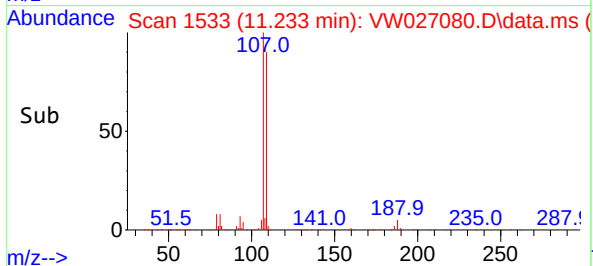
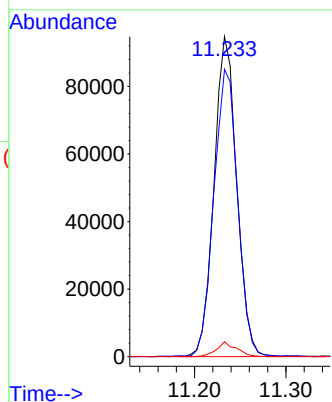
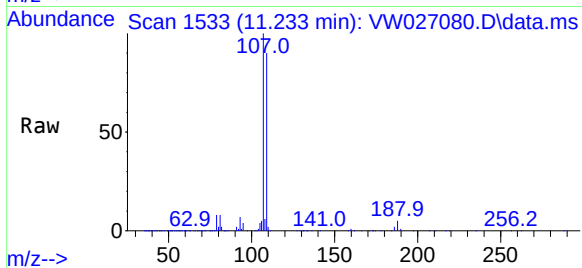
Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	163221
Ion	Ratio	Lower	Upper
107	100		
109	89.8	68.5	127.1
188	4.7	2.9	4.3#



#51

Chlorobenzene

Concen: 28.361 ug/L

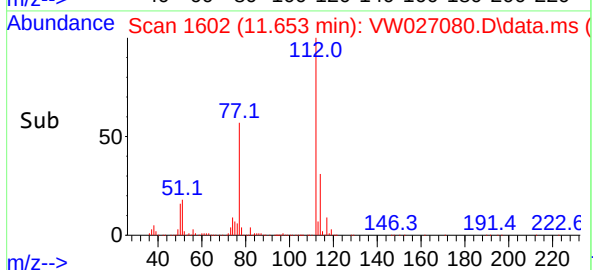
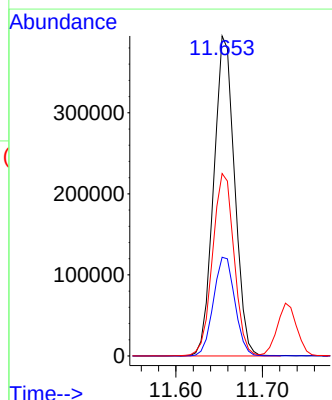
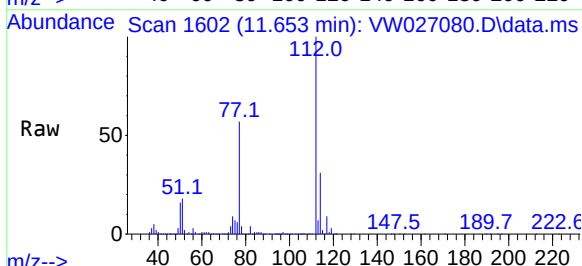
RT: 11.653 min Scan# 1602

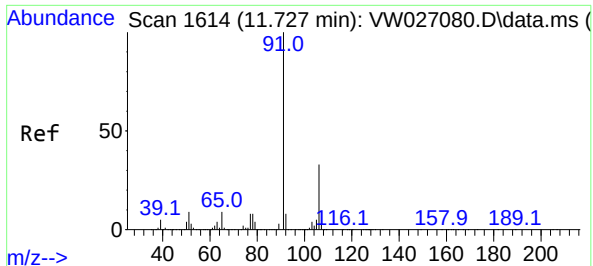
Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

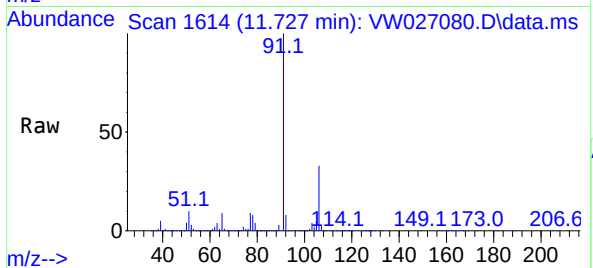
Tgt Ion:	112	Resp:	660761
Ion	Ratio	Lower	Upper
112	100		
114	30.8	20.5	38.1
77	57.0	49.5	74.3



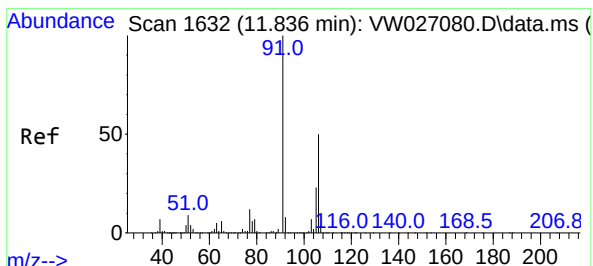
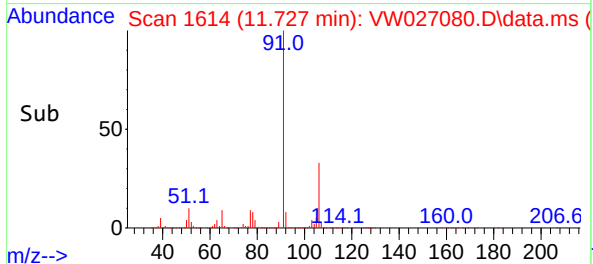
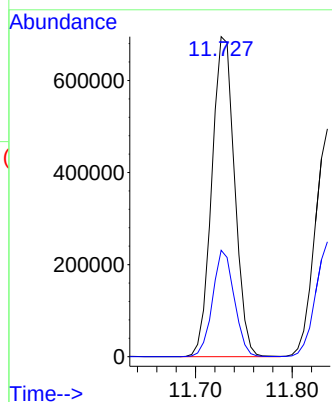


#52
Ethylbenzene
Concen: 28.345 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :

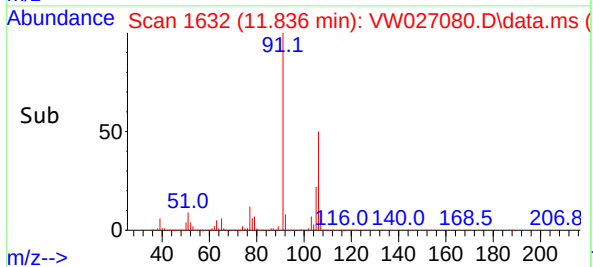
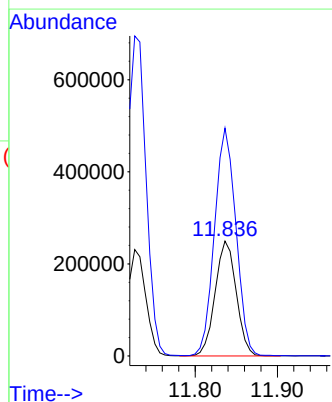
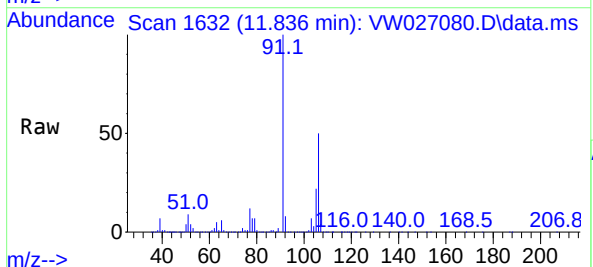


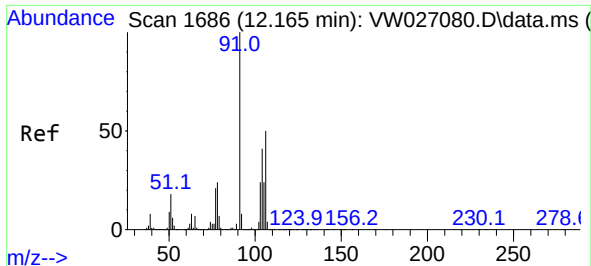
Tgt Ion: 91 Resp: 1136621
Ion Ratio Lower Upper
91 100
106 33.2 21.1 39.3



#53
m,p-Xylene
Concen: 29.342 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion:106 Resp: 445073
Ion Ratio Lower Upper
106 100
91 198.3 139.6 259.2

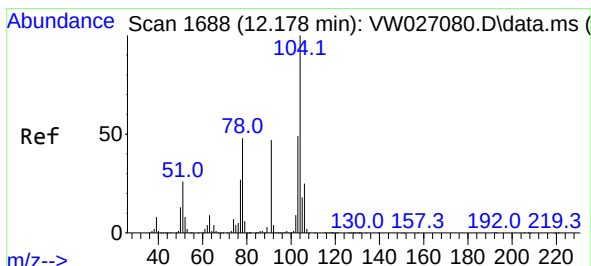
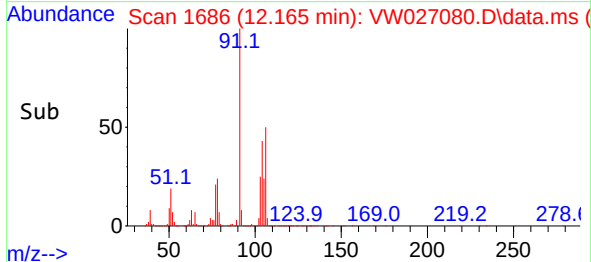
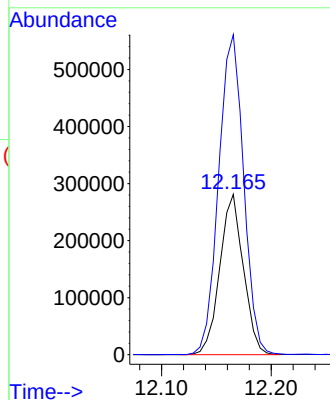
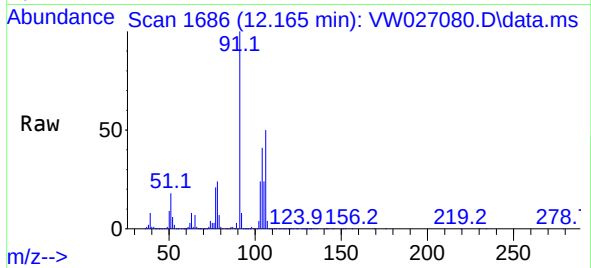




#54
o-Xylene
Concen: 29.603 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

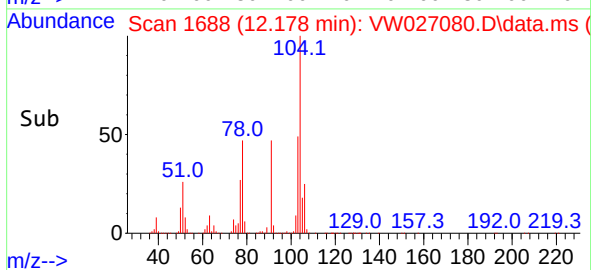
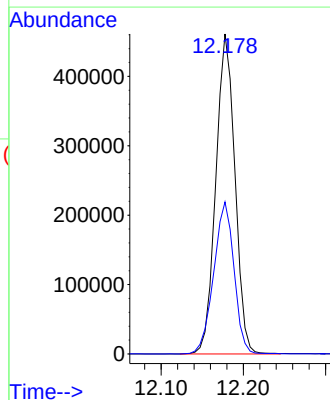
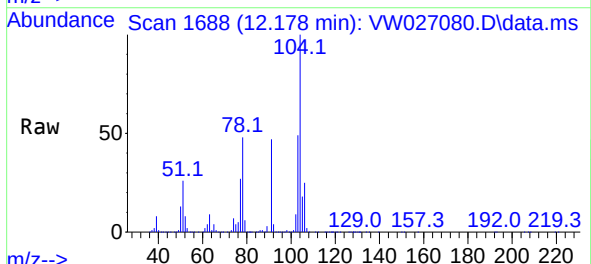
Instrument :
MSVOA_W
ClientSampleId :

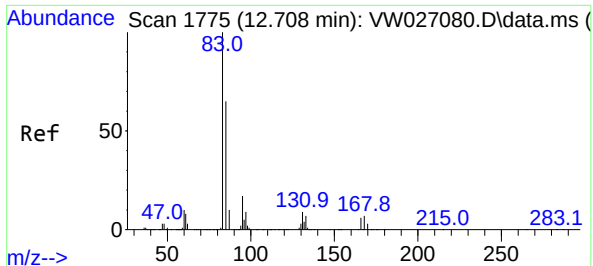
Tgt Ion:106 Resp: 420166
Ion Ratio Lower Upper
106 100
91 199.5 154.0 286.0



#55
Styrene
Concen: 30.746 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion:104 Resp: 744749
Ion Ratio Lower Upper
104 100
78 47.5 35.2 65.4

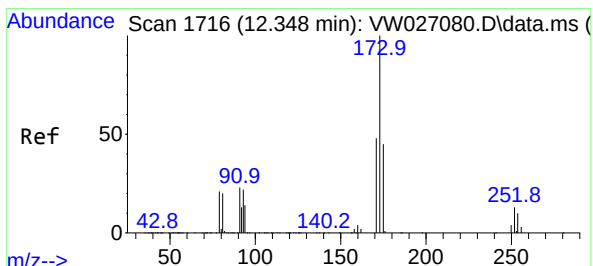
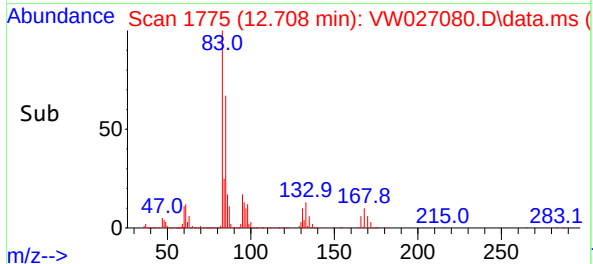
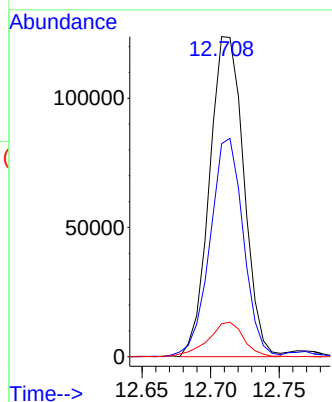
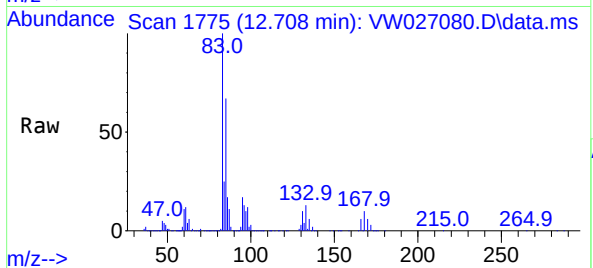




#57
1,1,2,2-Tetrachloroethane
Concen: 28.197 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

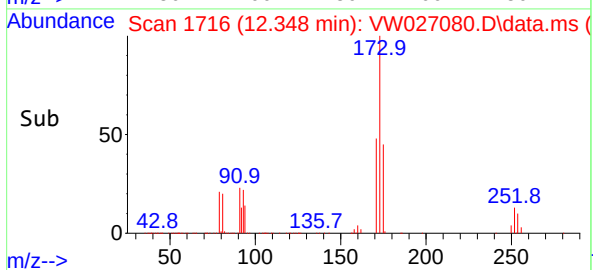
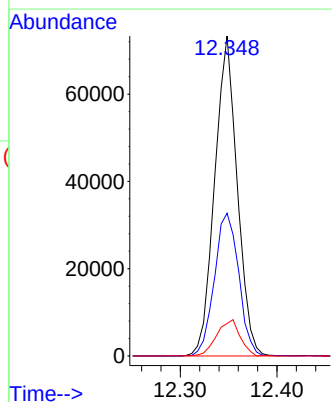
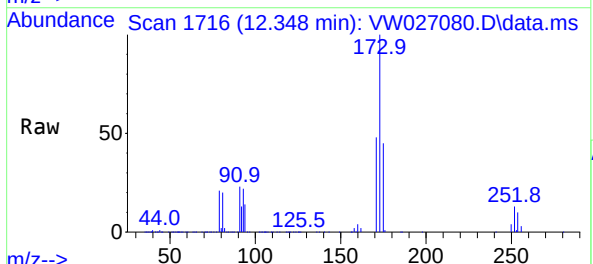
Instrument :
MSVOA_W
ClientSampleId :

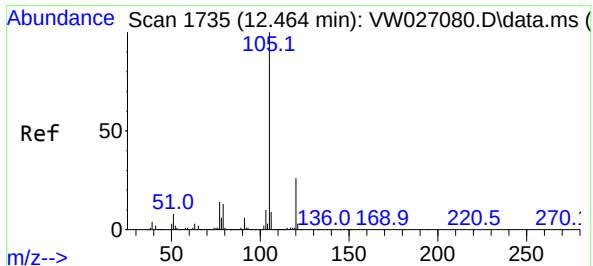
Tgt Ion: 83 Resp: 215538
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9
131 10.3 7.2 10.8



#59
Bromoform
Concen: 28.318 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 173 Resp: 118592
Ion Ratio Lower Upper
173 100
175 48.0 36.6 54.8
254 11.8 8.5 12.7

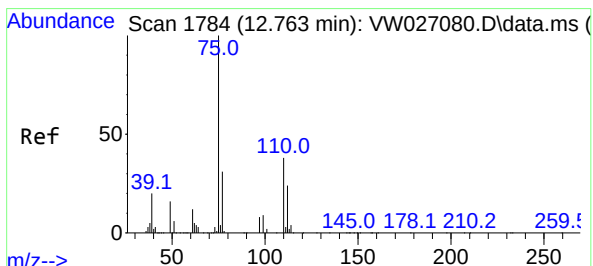
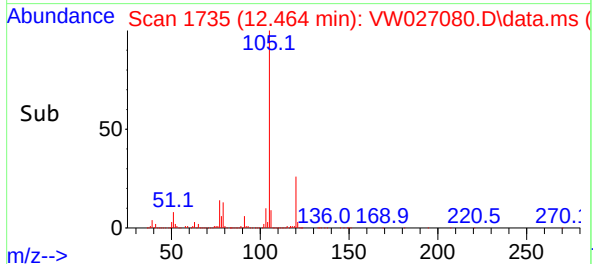
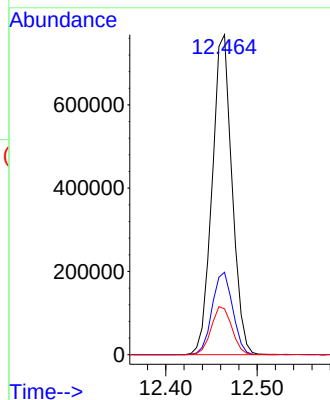
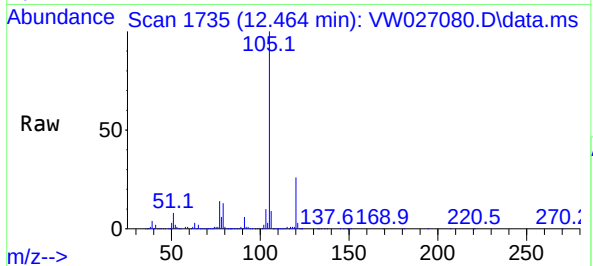




#60
Isopropylbenzene
Concen: 28.739 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

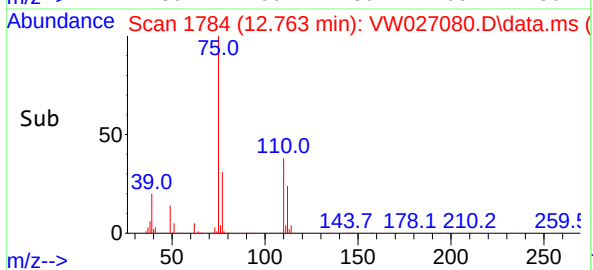
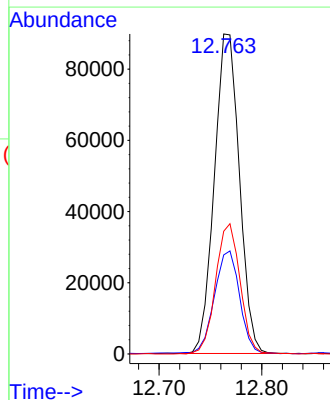
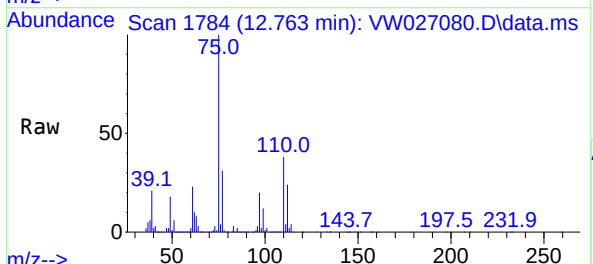
Instrument :
MSVOA_W
ClientSampleId :

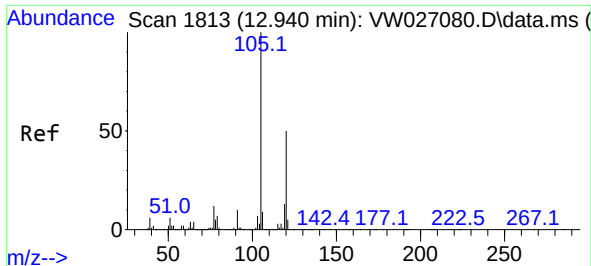
Tgt Ion:105 Resp: 1159321
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 27.011 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.007 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion: 75 Resp: 152160
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5
110 39.7 30.5 45.7

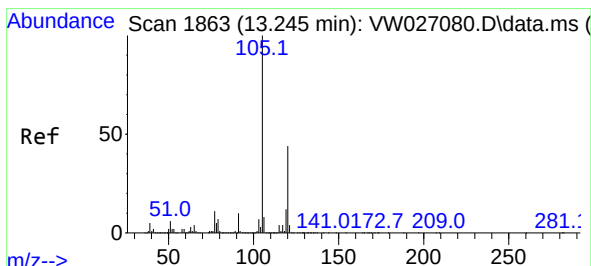
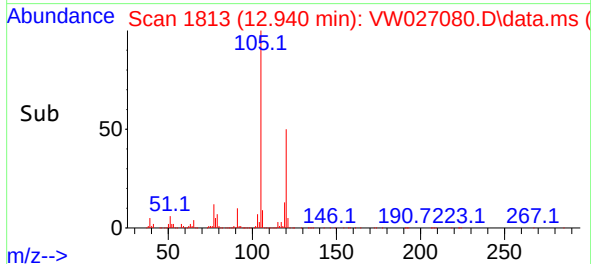
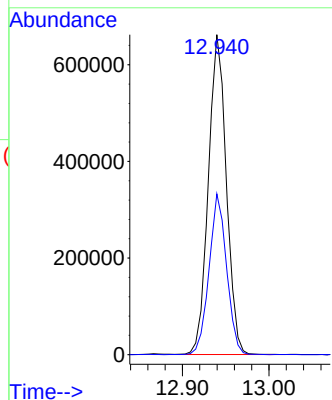
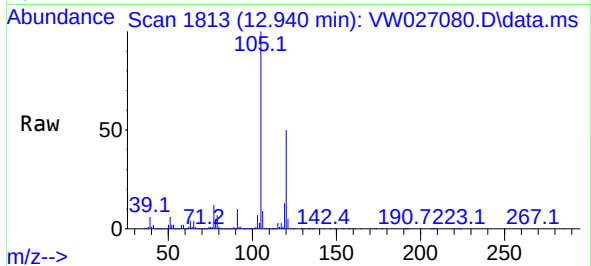




#62
1,3,5-Trimethylbenzene
Concen: 29.635 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

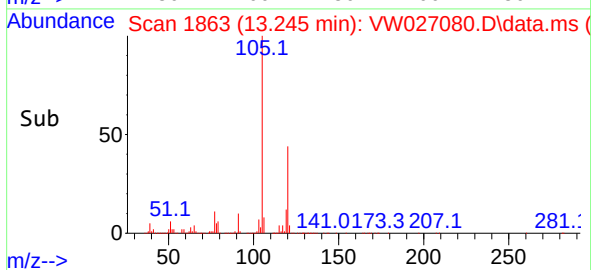
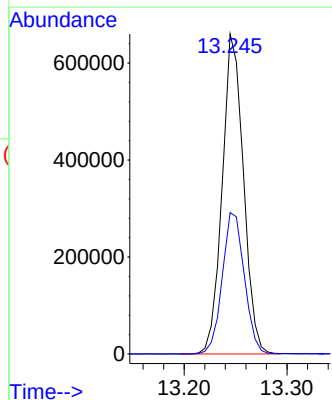
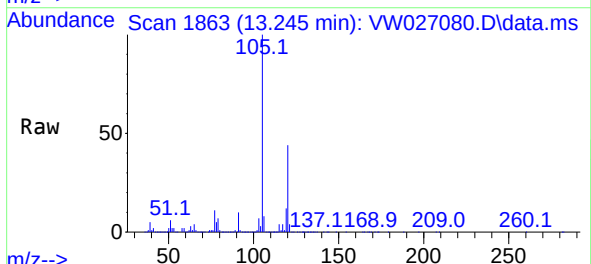
Instrument :
MSVOA_W
ClientSampleId :

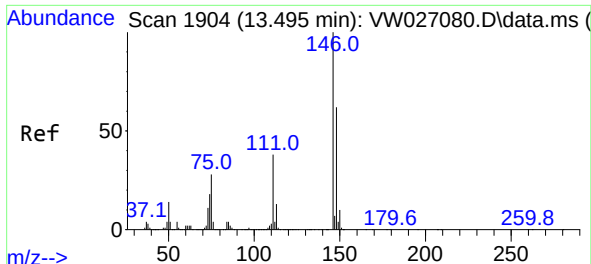
Tgt Ion:105 Resp: 953976
Ion Ratio Lower Upper
105 100
120 49.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 30.047 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion:105 Resp: 945619
Ion Ratio Lower Upper
105 100
120 46.0 36.3 54.5

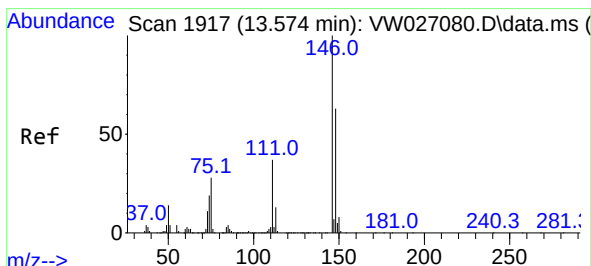
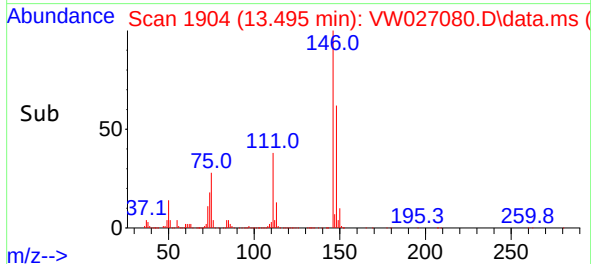
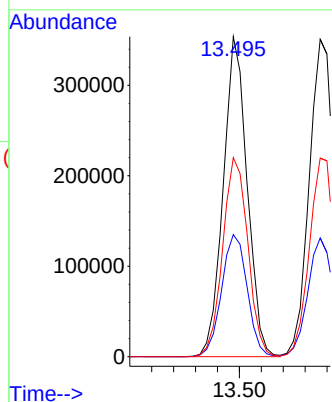
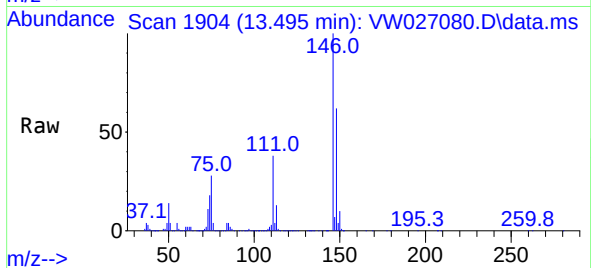




#64
1,3-Dichlorobenzene
Concen: 29.245 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

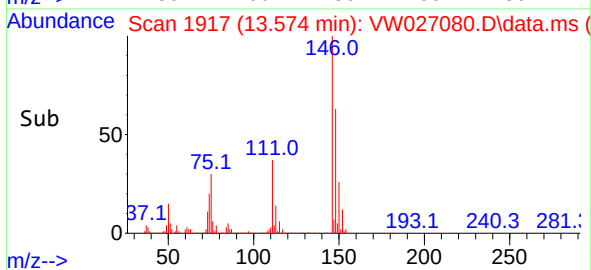
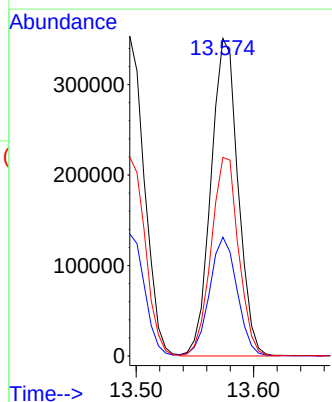
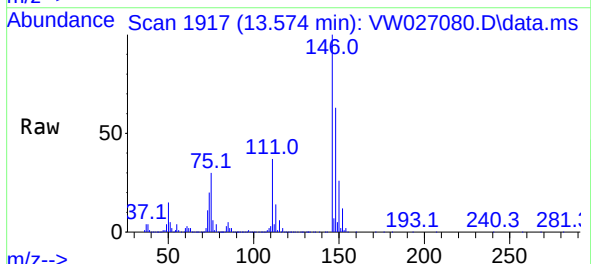
Instrument :
MSVOA_W
ClientSampleId :

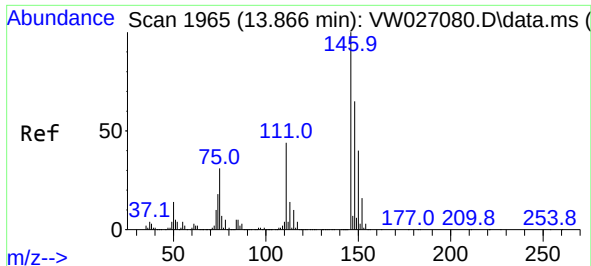
Tgt Ion:146 Resp: 536696
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 62.2 39.2 72.8



#65
1,4-Dichlorobenzene
Concen: 30.121 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion:146 Resp: 561844
Ion Ratio Lower Upper
146 100
111 37.4 25.8 47.8
148 62.5 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 28.526 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :

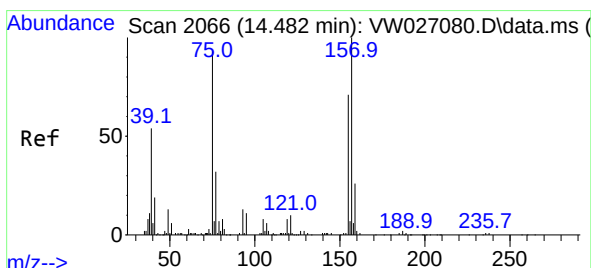
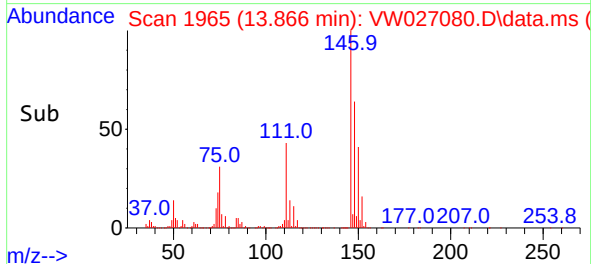
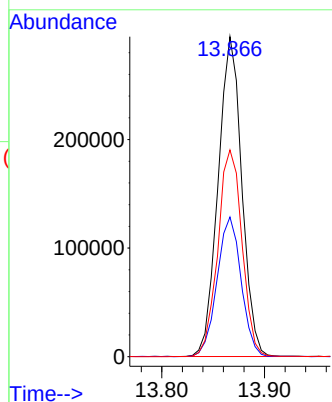
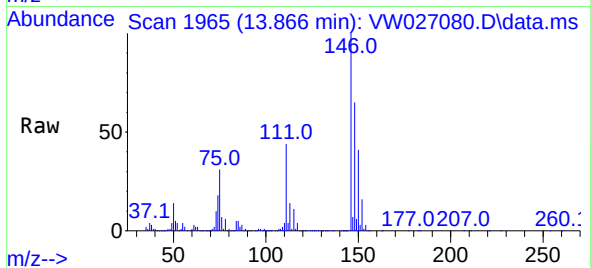
Tgt Ion:146 Resp: 471668

Ion Ratio Lower Upper

146 100

111 43.7 34.0 51.0

148 64.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.674 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

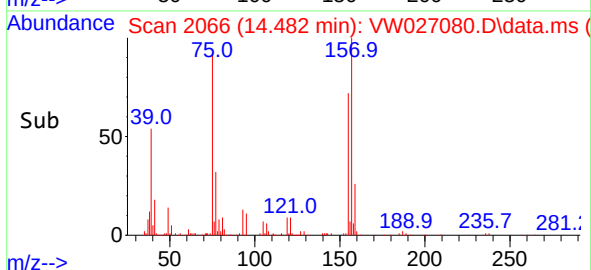
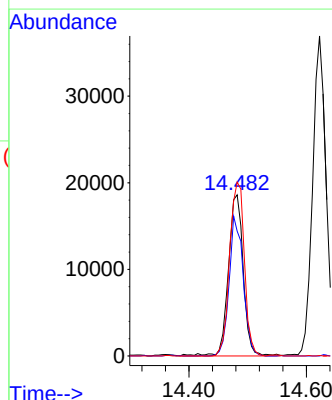
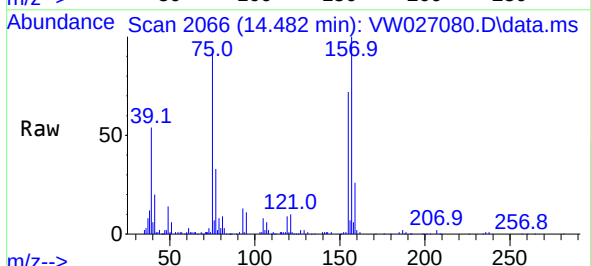
Tgt Ion: 75 Resp: 32797

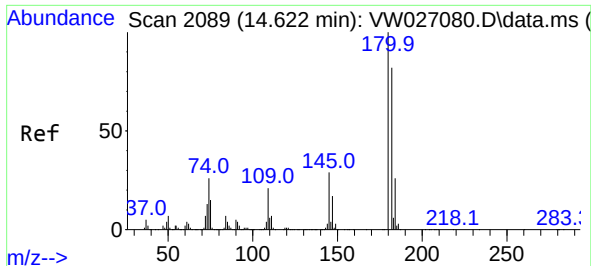
Ion Ratio Lower Upper

75 100

155 77.4 65.9 98.9

157 108.0 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 29.773 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

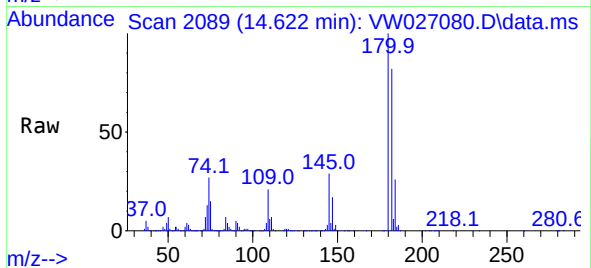
Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 379543

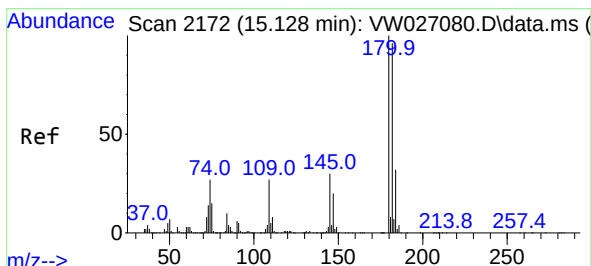
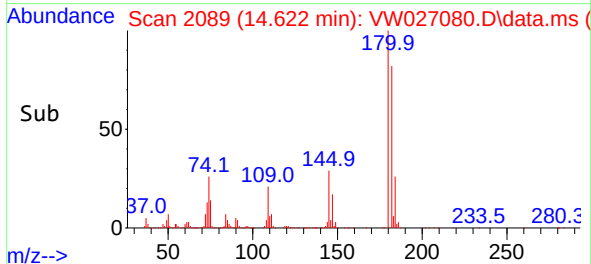
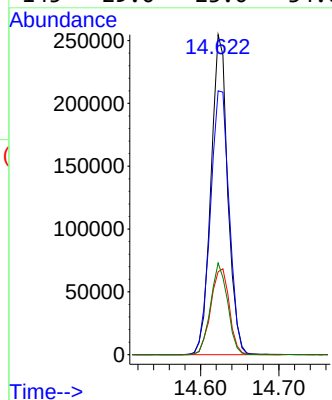
Ion Ratio Lower Upper

180 100

182 92.0 73.6 110.4

184 29.6 23.6 35.4

145 29.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 27.678 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027080.D

Acq: 13 Sep 2023 09:16

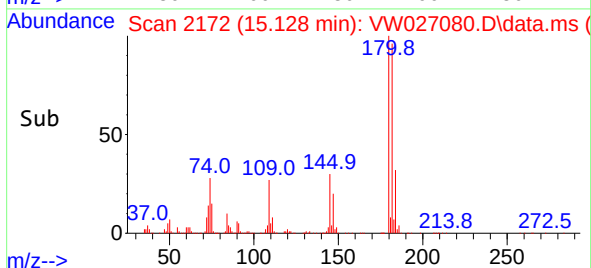
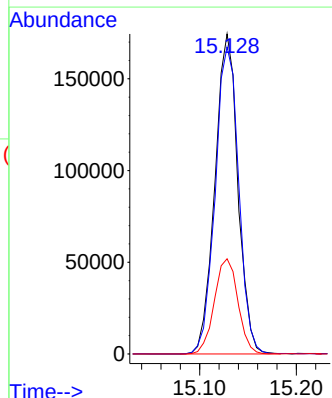
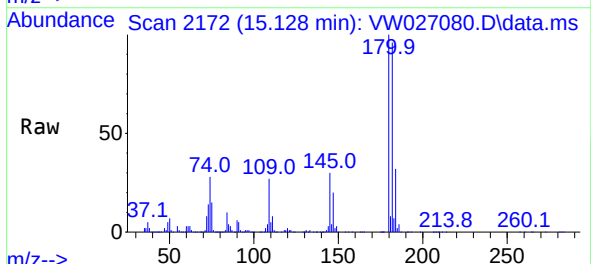
Tgt Ion:180 Resp: 287286

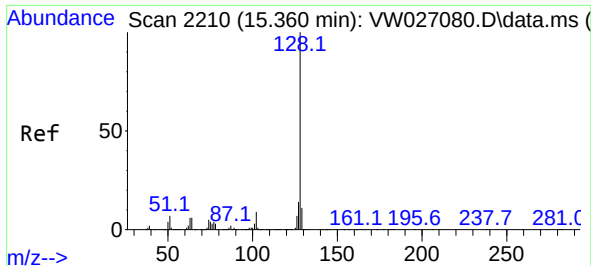
Ion Ratio Lower Upper

180 100

182 98.0 81.0 121.6

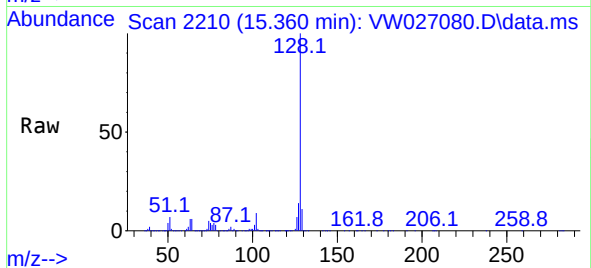
145 30.5 24.8 37.2



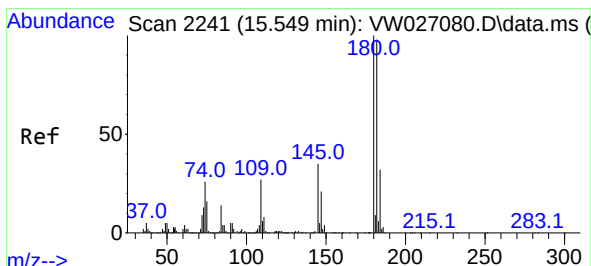
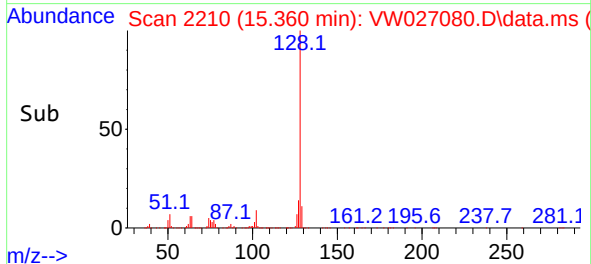
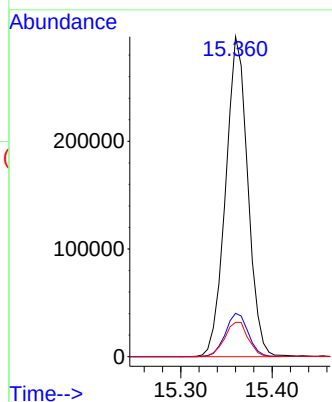


#71
Naphthalene
Concen: 27.266 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 500765
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 11.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 28.486 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027080.D
Acq: 13 Sep 2023 09:16

Tgt Ion:180 Resp: 268033
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.4
145 32.1 25.6 38.4

