

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027813.D
 Acq On : 20 Dec 2023 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 3.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 23:17:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	370969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	332258	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88597	16.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.440%
7) Chloroethane-d5	2.899	69	74413	18.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.760%
11) 1,1-Dichloroethene-d2	4.027	65	37954	18.038	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	7.087	46	31741	35.479	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.960%
24) Chloroform-d	7.648	84	185975	21.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	8.307	65	83561	20.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.640%
32) Benzene-d6	8.276	84	393646	20.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.080%
36) 1,2-Dichloropropane-d6	9.276	67	108618	19.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.960%
41) Toluene-d8	10.325	98	366631	20.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.574	79	42023	19.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.920%
47) 2-Hexanone-d5	10.922	63	32908	41.048	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80588	19.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	127027	21.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	87512	20.268	ug/L	98
3) Chloromethane	2.222	50	99939	19.651	ug/L	95
5) Vinyl chloride	2.375	62	122373	20.226	ug/L	99
6) Bromomethane	2.789	94	83755	21.748	ug/L	99
8) Chloroethane	2.936	64	72596	20.068	ug/L	100
9) Trichlorofluoromethane	3.271	101	116410	21.303	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99456	21.425	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98371	21.648	ug/L	96
13) Acetone	4.149	43	28074	34.569	ug/L	93
14) Carbon disulfide	4.393	76	311667	20.416	ug/L	99
15) Methyl Acetate	4.685	43	26528	18.080	ug/L	98
16) Methylene chloride	4.917	84	109025	18.744	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	105440	21.944	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	138949	21.872	ug/L	98
19) 1,1-Dichloroethane	6.215	63	178588	21.856	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	115816	22.897	ug/L	96
22) 2-Butanone	7.185	43	35862	33.253	ug/L	96
23) Bromochloromethane	7.514	128	49507	23.179	ug/L	96
25) Chloroform	7.679	83	185816	23.091	ug/L	99

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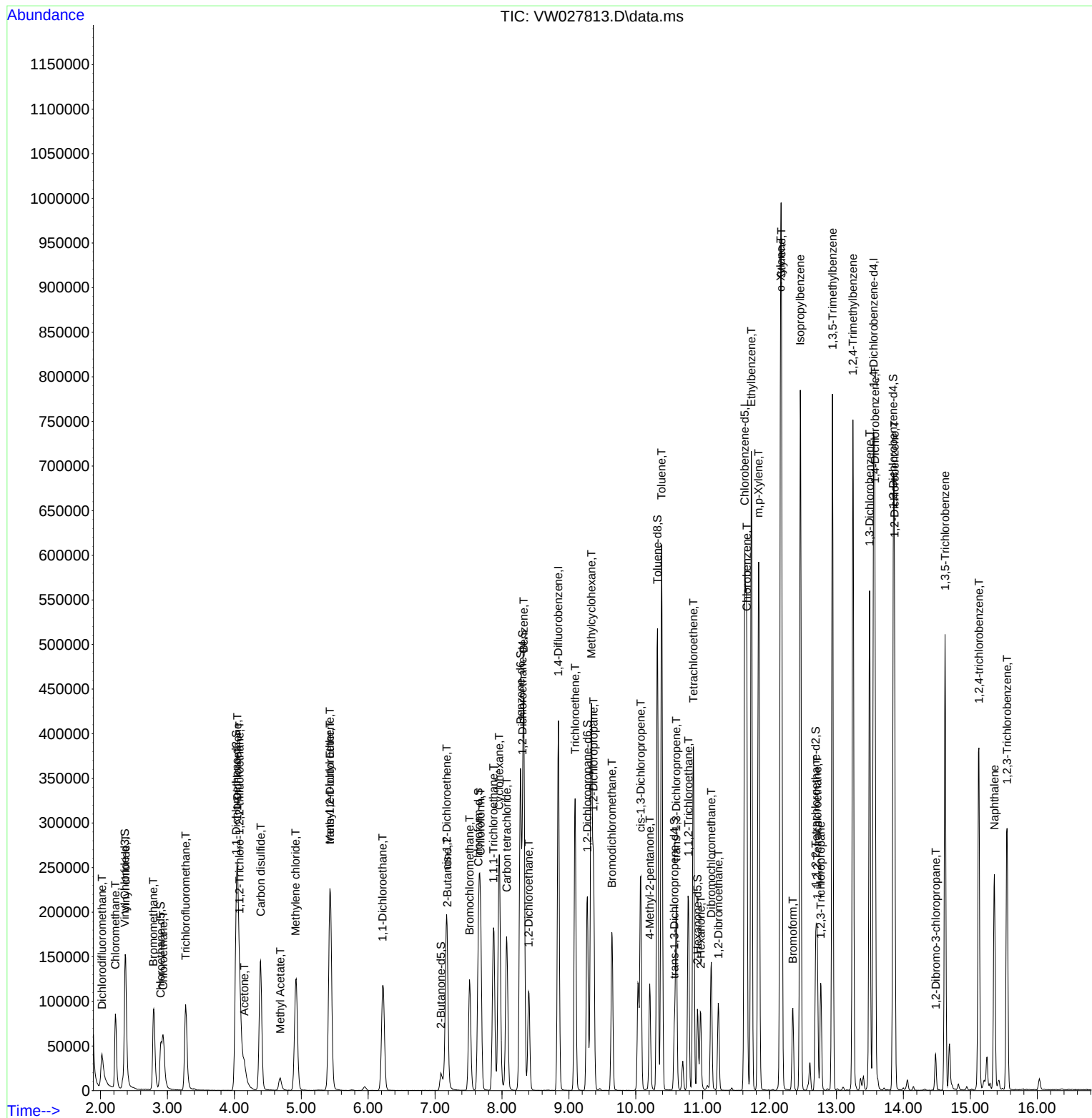
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103441	21.925	ug/L	98
29) Cyclohexane	7.959	56	154881	19.702	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	153954	22.182	ug/L	99
31) Carbon tetrachloride	8.069	117	136871	22.409	ug/L	99
33) Benzene	8.325	78	426023	22.119	ug/L	100
34) Trichloroethene	9.093	95	115249	21.951	ug/L	96
35) Methylcyclohexane	9.337	83	198001	20.910	ug/L	96
37) 1,2-Dichloropropane	9.367	63	98549	21.196	ug/L	99
38) Bromodichloromethane	9.642	83	126425	22.371	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	155062	21.881	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	72774	35.812	ug/L	98
42) Toluene	10.385	91	468889	22.625	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119567	21.426	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	72024	20.924	ug/L	100
46) Tetrachloroethene	10.861	164	88941	21.215	ug/L	96
48) 2-Hexanone	10.971	43	53088	35.099	ug/L	99
49) Dibromochloromethane	11.129	129	80873	22.463	ug/L	100
50) 1,2-Dibromoethane	11.233	107	68776	21.024	ug/L	90
51) Chlorobenzene	11.660	112	301000	22.733	ug/L	89
52) Ethylbenzene	11.727	91	524611	22.465	ug/L	95
53) m,p-Xylene	11.836	106	204971	22.851	ug/L	93
54) o-Xylene	12.166	106	190797	22.843	ug/L	98
55) Styrene	12.178	104	324868	23.072	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	76701	19.547	ug/L #	99
59) Bromoform	12.349	173	44856	21.973	ug/L	97
60) Isopropylbenzene	12.458	105	533981	22.687	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53879	19.384	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	432006	22.960	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	420446	22.701	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	234672	23.073	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	227592	22.277	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	203705	23.032	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	10507	18.922	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	162699	22.990	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	127879	22.003	ug/L	89
71) Naphthalene	15.360	128	219396	21.303	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	109956	22.628	ug/L	100

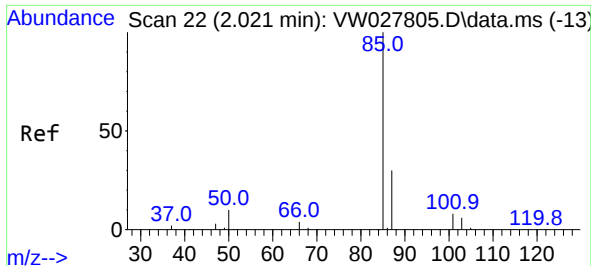
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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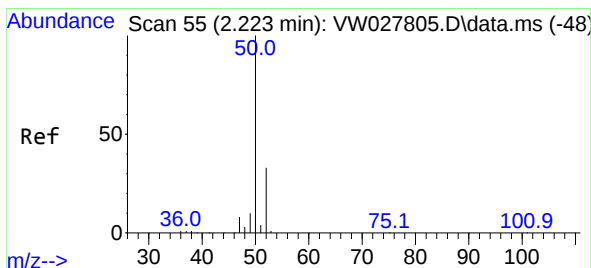
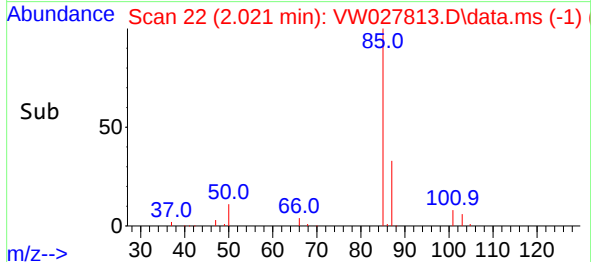
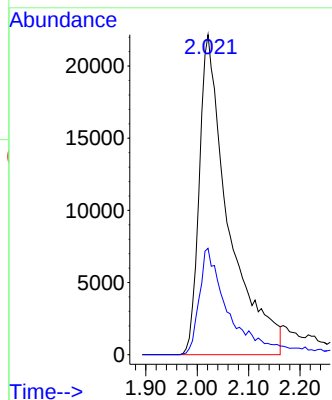
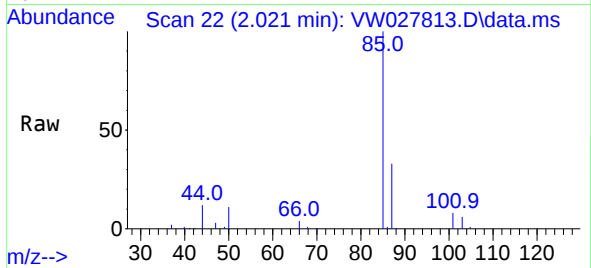




#2
 Dichlorodifluoromethane
 Concen: 20.268 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027813.D
 Acq: 20 Dec 2023 17:27

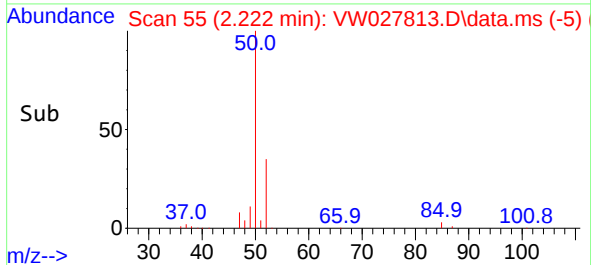
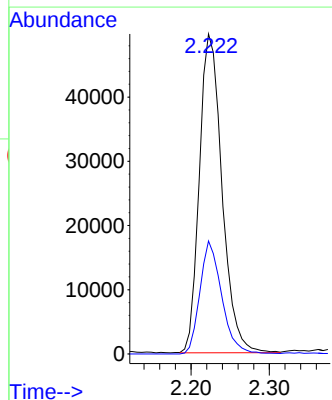
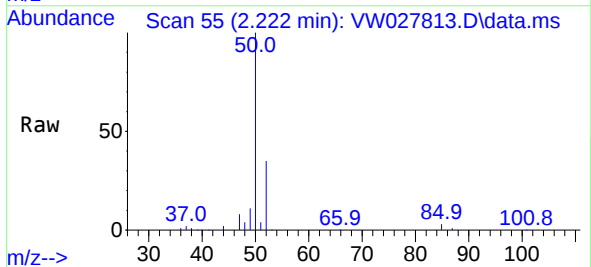
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 ClientSampleId :

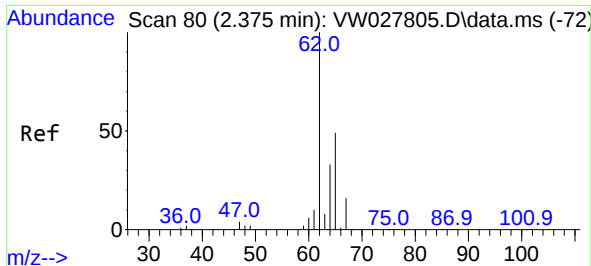
Tgt Ion: 85 Resp: 87512
 Ion Ratio Lower Upper
 85 100
 87 28.2 23.2 34.8



#3
 Chloromethane
 Concen: 19.651 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW027813.D
 Acq: 20 Dec 2023 17:27

Tgt Ion: 50 Resp: 99939
 Ion Ratio Lower Upper
 50 100
 52 35.3 22.8 42.4

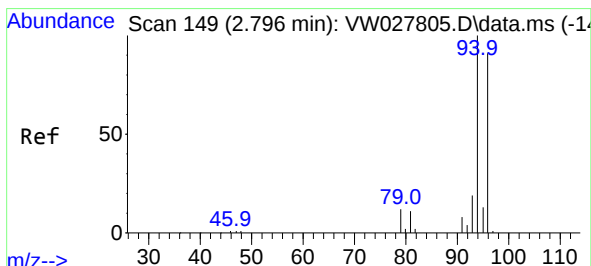
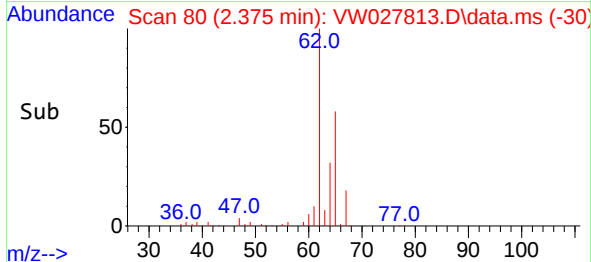
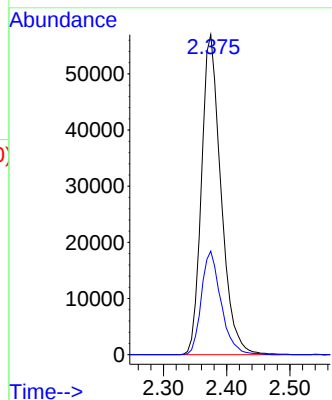
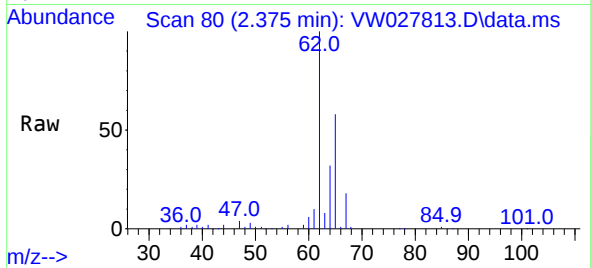




#5
 Vinyl chloride
 Concen: 20.226 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027813.D
 Acq: 20 Dec 2023 17:27

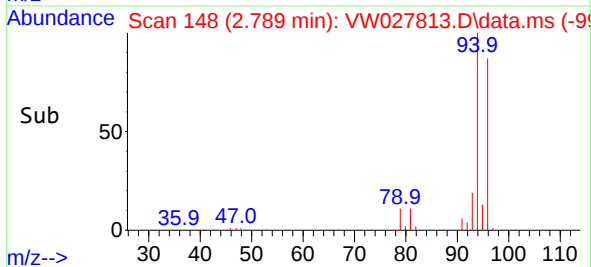
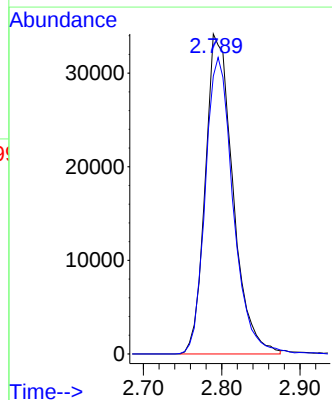
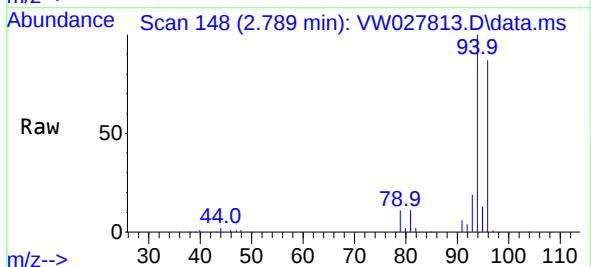
Instrument :
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 ClientSampleId :

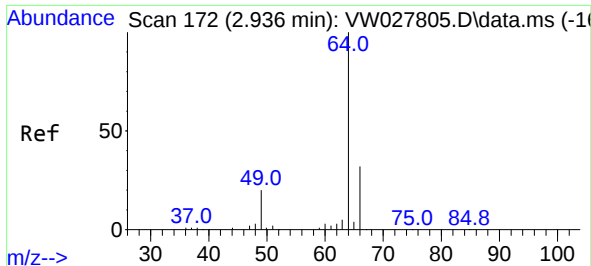
Tgt Ion: 62 Resp: 122373
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.2 41.2



#6
 Bromomethane
 Concen: 21.748 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027813.D
 Acq: 20 Dec 2023 17:27

Tgt Ion: 94 Resp: 83755
 Ion Ratio Lower Upper
 94 100
 96 86.8 61.2 113.8

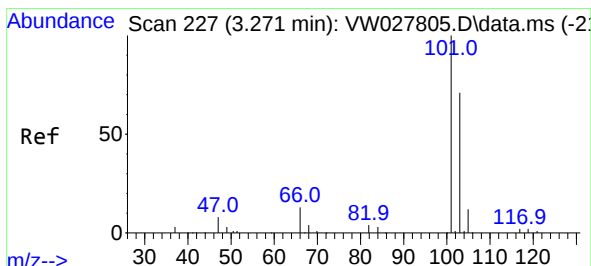
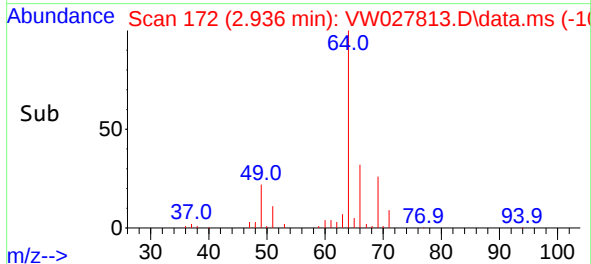
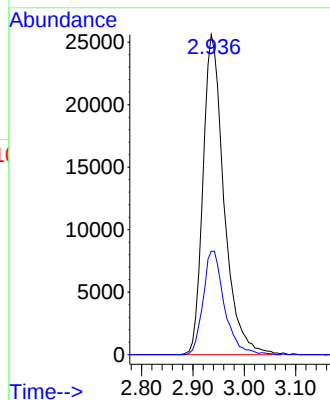
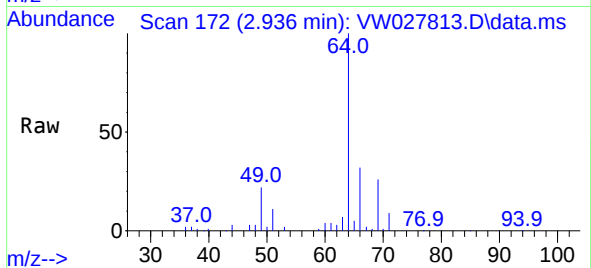




#8
Chloroethane
Concen: 20.068 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

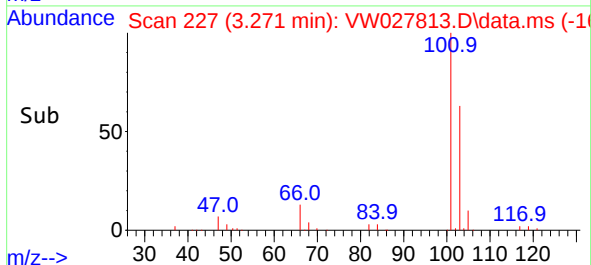
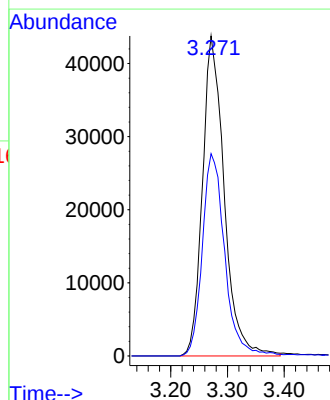
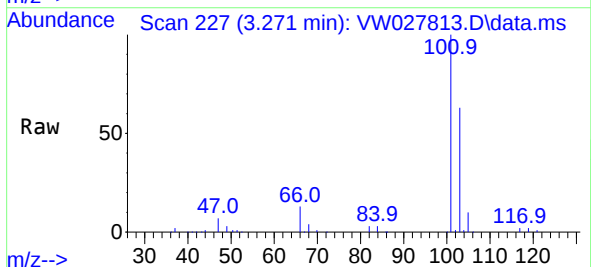
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MSVOA_W
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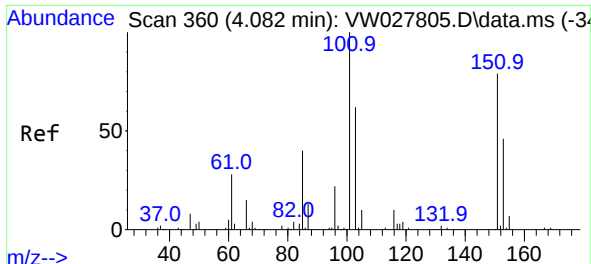
Tgt Ion: 64 Resp: 72596
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 21.303 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion:101 Resp: 116410
Ion Ratio Lower Upper
101 100
103 64.4 51.1 76.7





#10

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

Concen: 21.425 ug/L

RT: 4.076 min Scan# 3

Delta R.T. 0.006 min

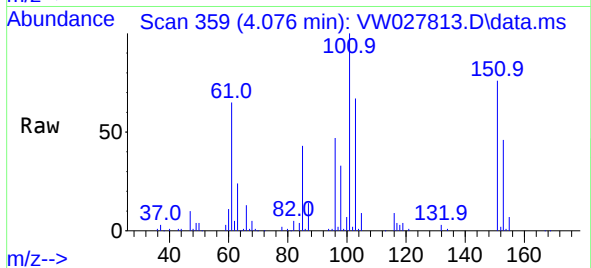
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Instrument :

MSVOA_W

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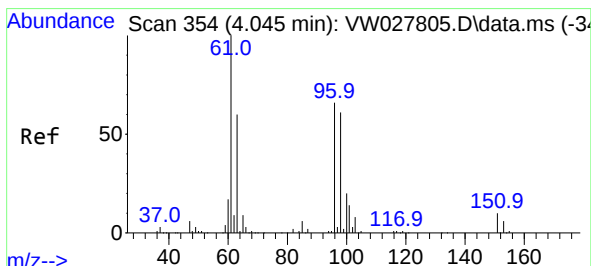
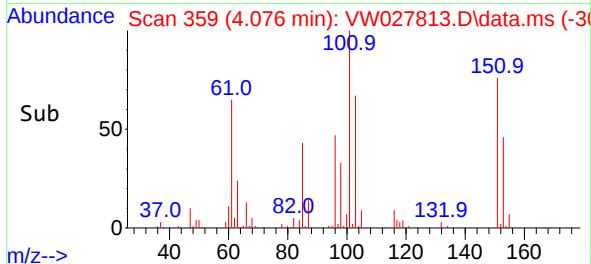
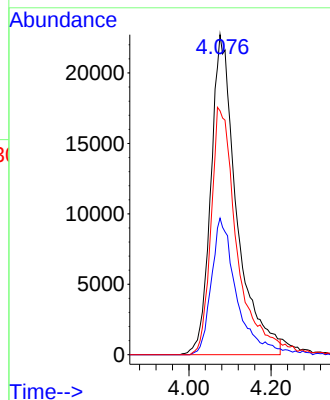
Tgt Ion:101 Resp: 99456

Ion Ratio Lower Upper

101 100

85 39.5 33.0 49.4

151 77.5 58.9 88.3



#12

1,1-Dichloroethene

Concen: 21.648 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027813.D

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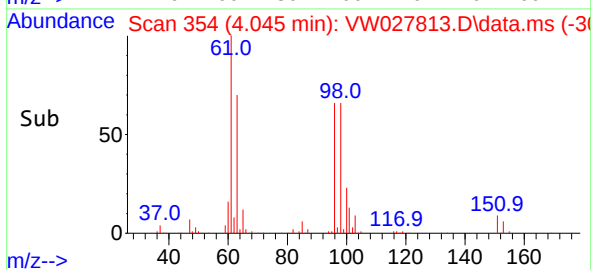
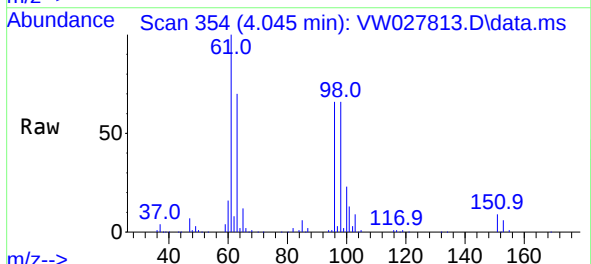
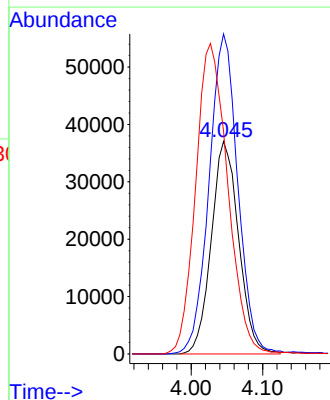
Tgt Ion: 96 Resp: 98371

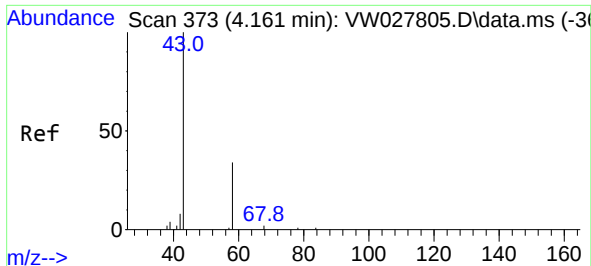
Ion Ratio Lower Upper

96 100

61 150.6 110.9 206.1

63 104.9 73.6 136.6

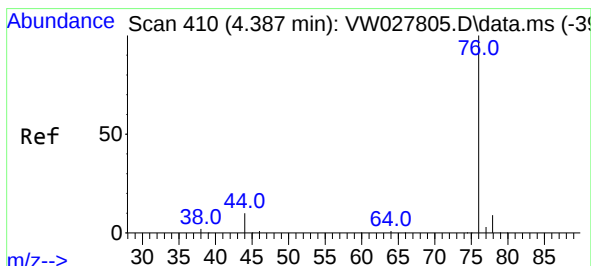
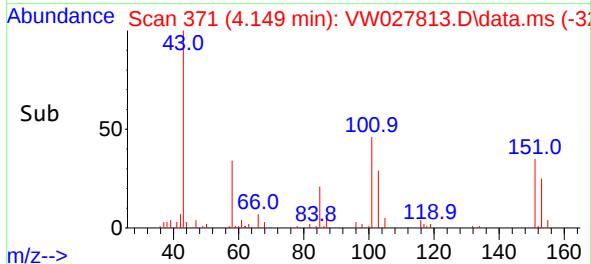
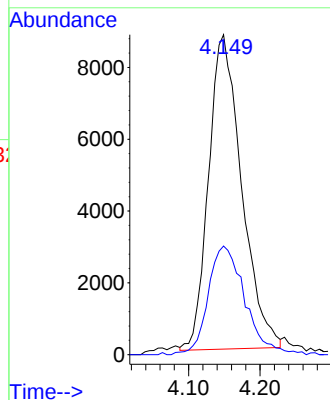
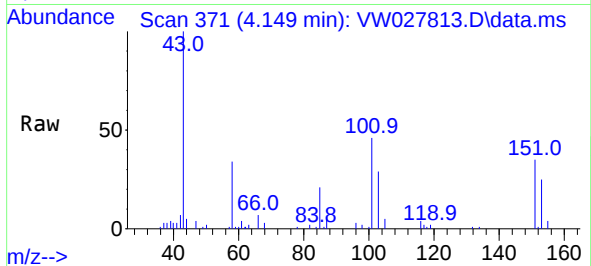




#13
Acetone
Concen: 34.569 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.037 min
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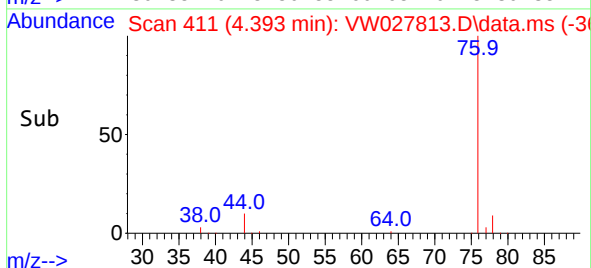
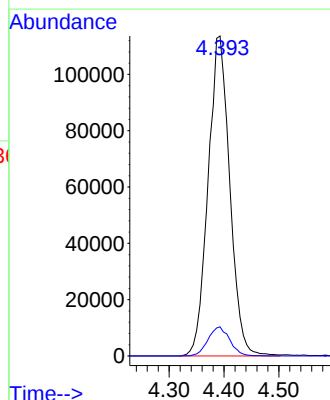
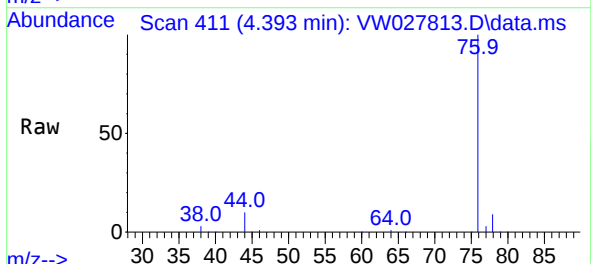
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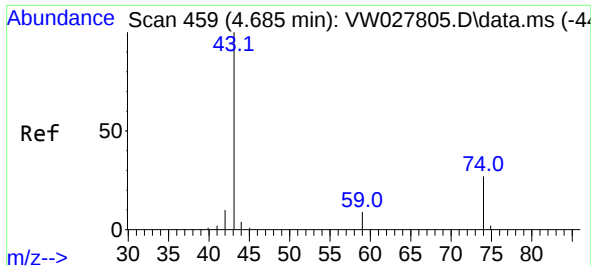
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Ion Ratio Lower Upper
43 100
58 38.1 0.0 68.6



#14
Carbon disulfide
Concen: 20.416 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.012 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 76 Resp: 311667
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

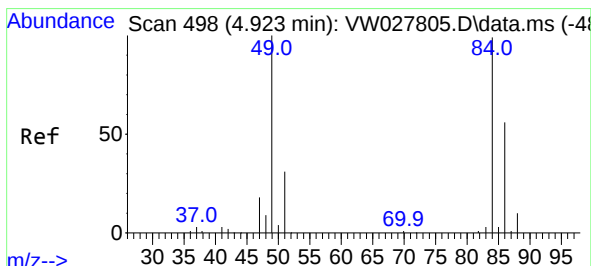
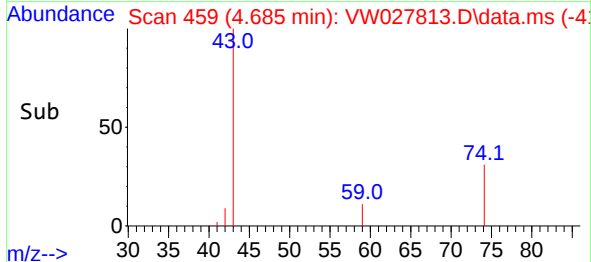
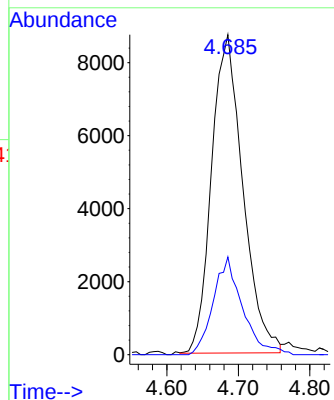
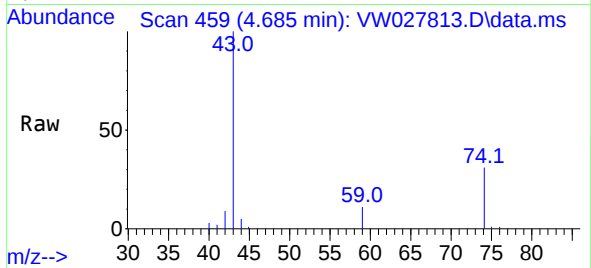




#15
Methyl Acetate
Concen: 18.080 ug/L
RT: 4.685 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

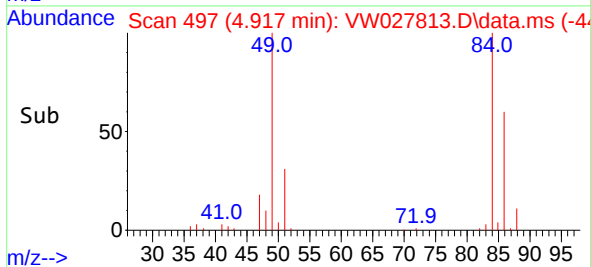
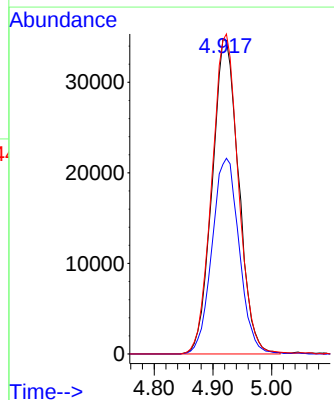
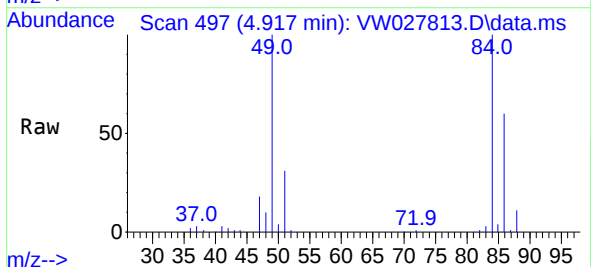
Instrument :
MSVOA_W
ClientSampleId :

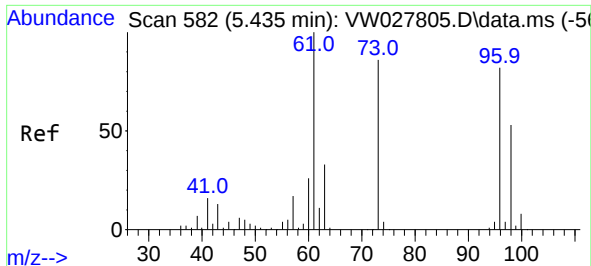
Tgt Ion: 43 Resp: 26528
Ion Ratio Lower Upper
43 100
74 28.5 22.1 33.1



#16
Methylene chloride
Concen: 18.744 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 84 Resp: 109025
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.2
49 99.7 76.2 141.6

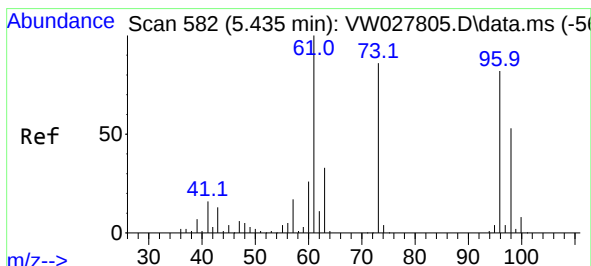
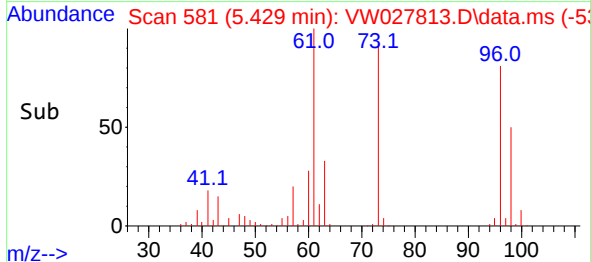
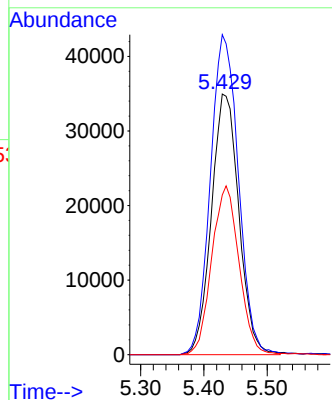
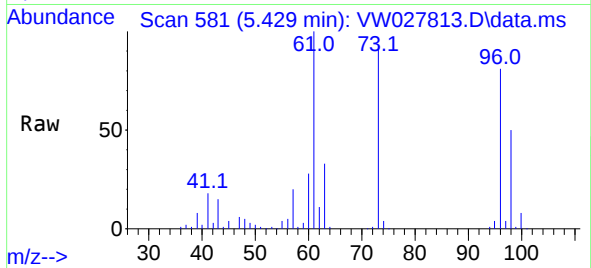




#17
trans-1,2-Dichloroethene
Concen: 21.944 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

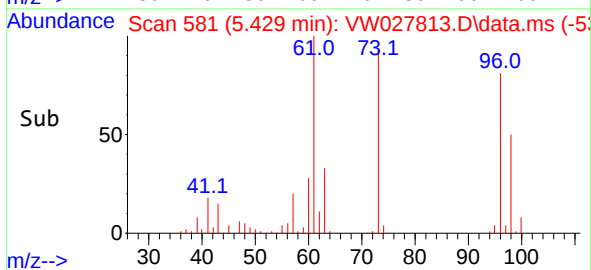
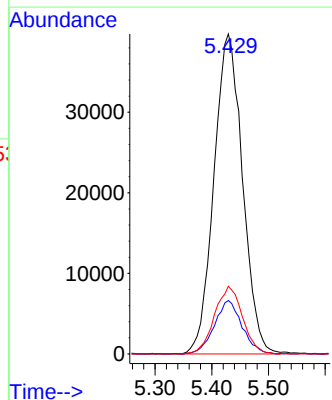
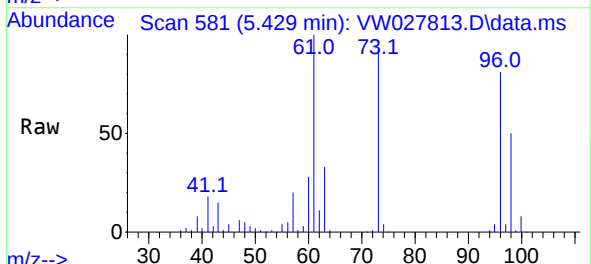
Instrument :
MSVOA_W
ClientSampleId :

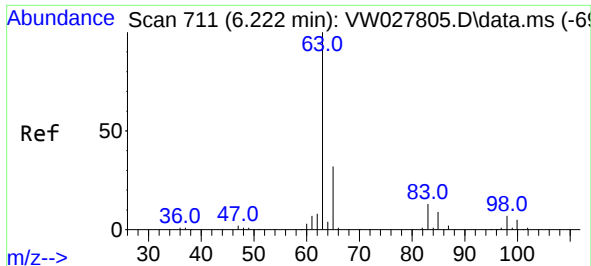
Tgt Ion: 96 Resp: 105440
Ion Ratio Lower Upper
96 100
61 122.8 88.5 164.3
98 61.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 21.872 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 73 Resp: 138949
Ion Ratio Lower Upper
73 100
43 16.1 13.5 20.3
57 20.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 21.856 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :

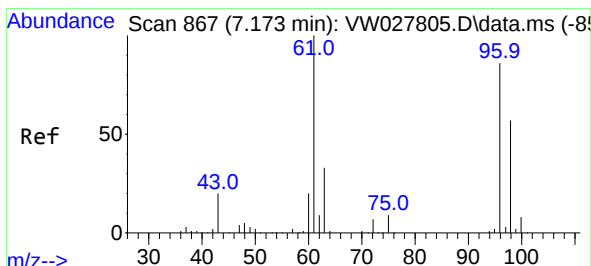
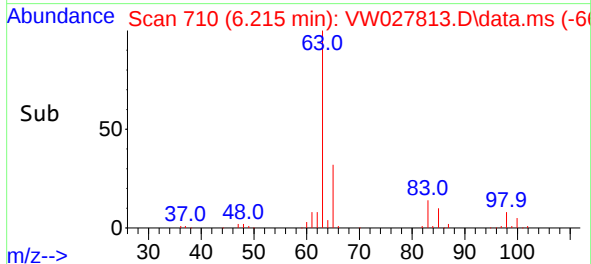
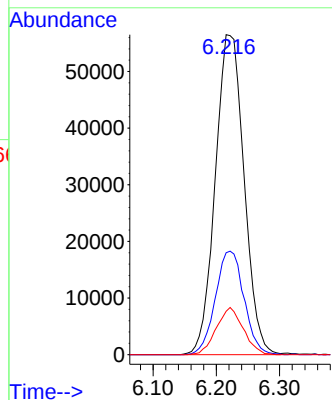
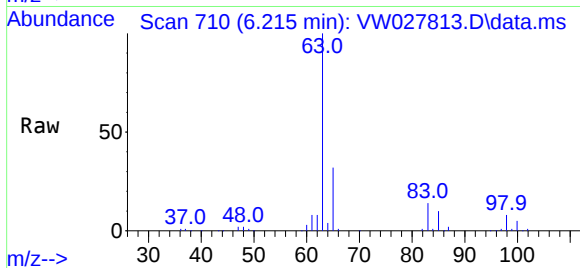
Tgt Ion: 63 Resp: 178588

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

83 13.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 22.897 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

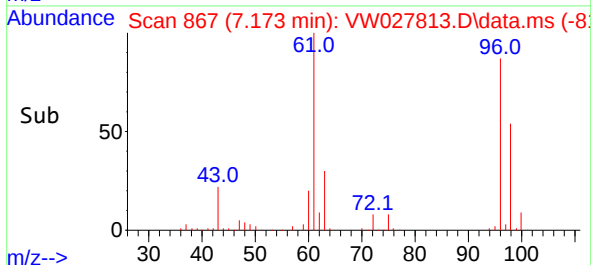
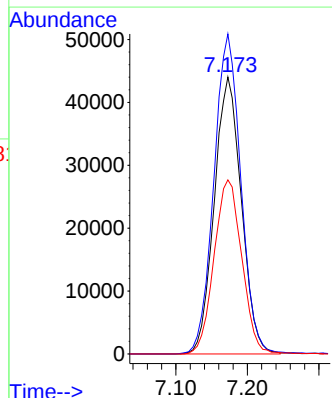
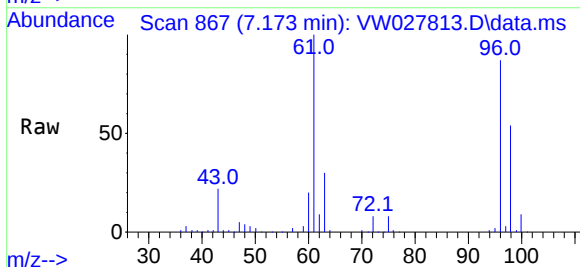
Tgt Ion: 96 Resp: 115816

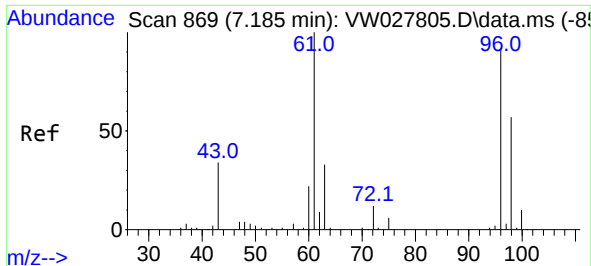
Ion Ratio Lower Upper

96 100

61 115.6 83.5 155.1

98 62.9 46.5 86.5

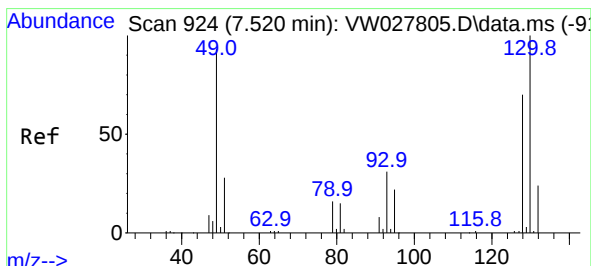
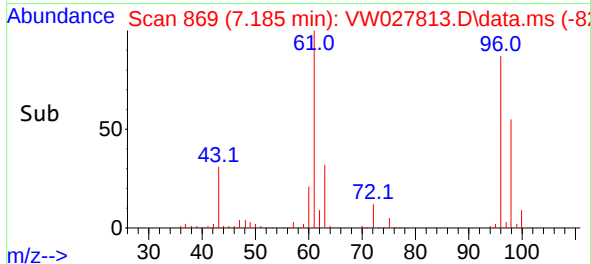
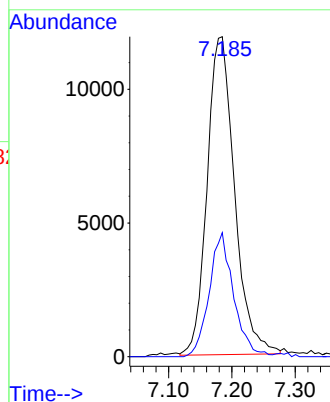
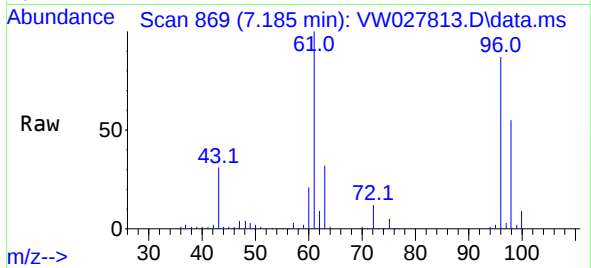




#22
2-Butanone
Concen: 33.253 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

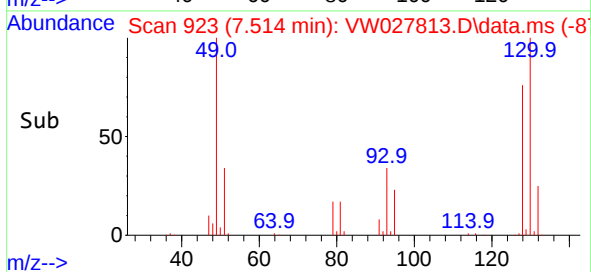
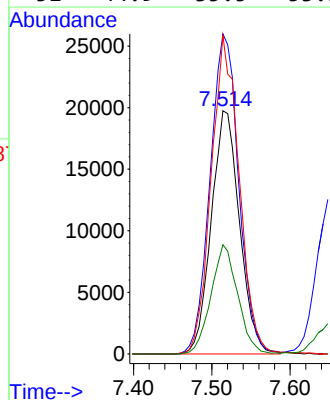
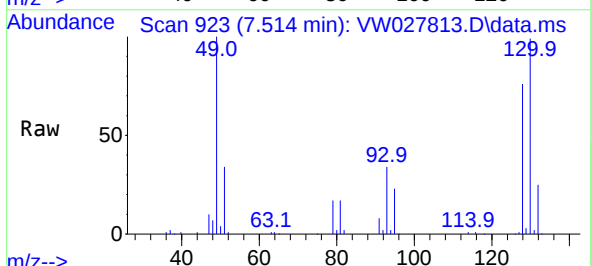
Instrument :
MSVOA_W
ClientSampleId :

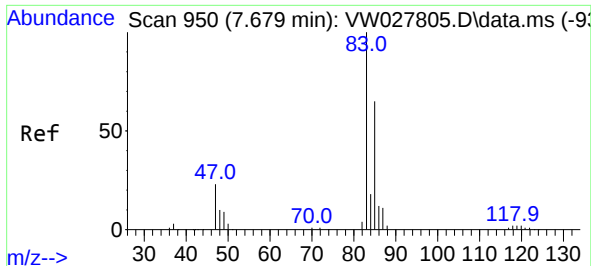
Tgt Ion: 43 Resp: 35862
Ion Ratio Lower Upper
43 100
72 34.3 16.1 48.2



#23
Bromochloromethane
Concen: 23.179 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 128 Resp: 49507
Ion Ratio Lower Upper
128 100
49 131.6 94.1 174.7
130 130.9 86.2 160.0
51 44.9 35.5 53.3

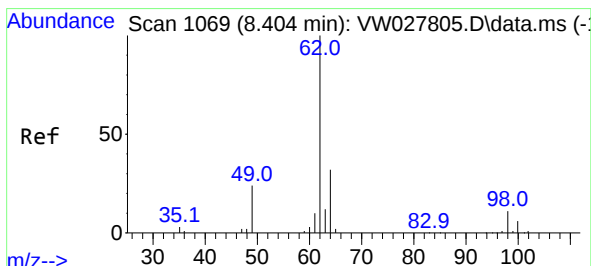
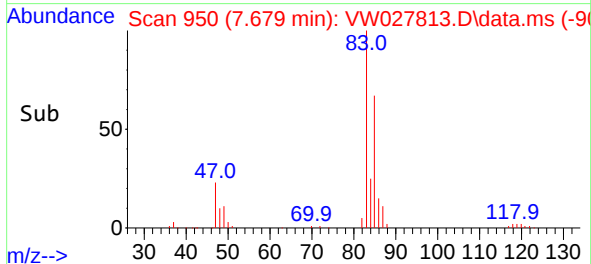
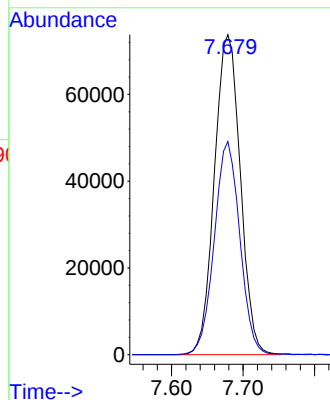
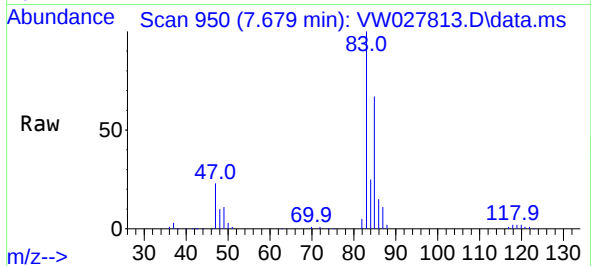




#25
Chloroform
Concen: 23.091 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

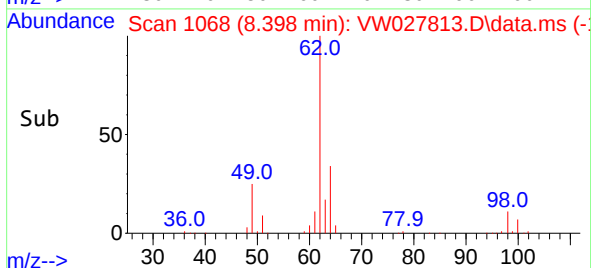
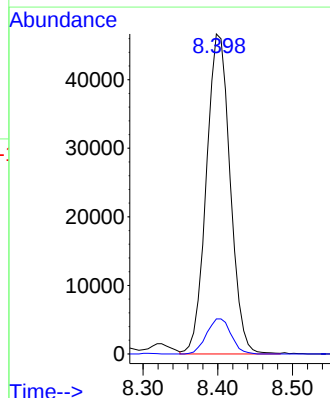
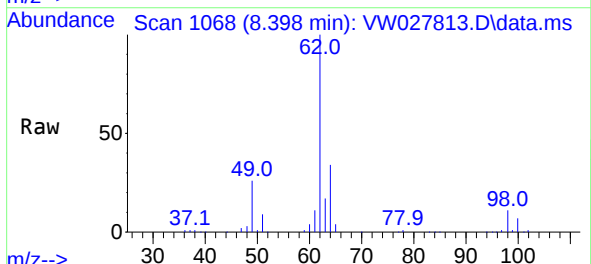
Instrument :
MSVOA_W
ClientSampleId :

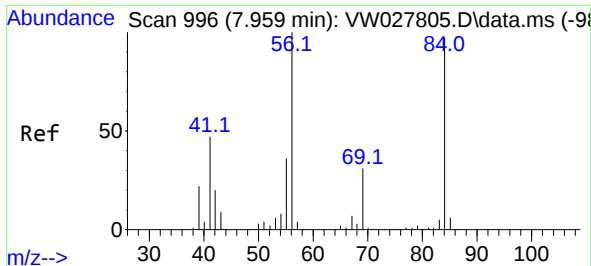
Tgt Ion: 83 Resp: 185816
Ion Ratio Lower Upper
83 100
85 66.6 46.9 87.1



#27
1,2-Dichloroethane
Concen: 21.925 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

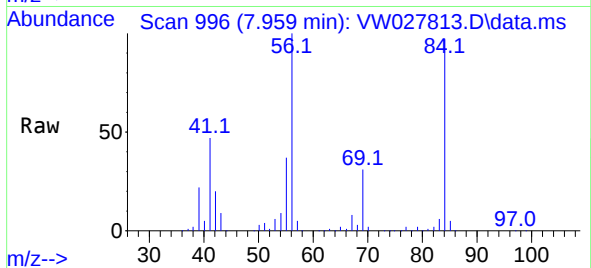
Tgt Ion: 62 Resp: 103441
Ion Ratio Lower Upper
62 100
98 10.9 8.1 12.1



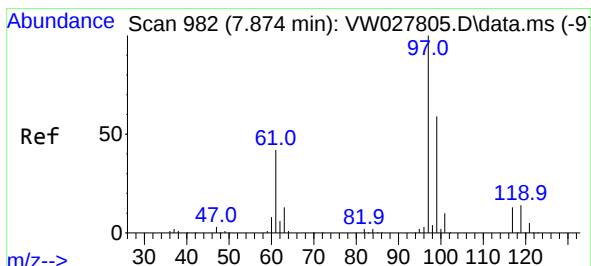
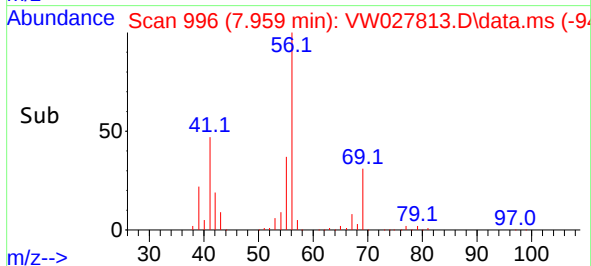
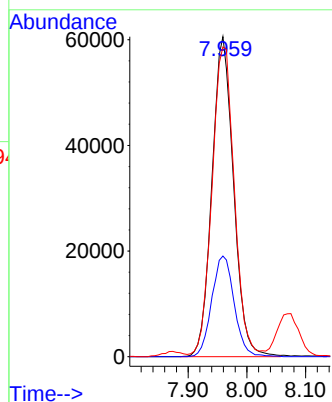


#29
Cyclohexane
Concen: 19.702 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

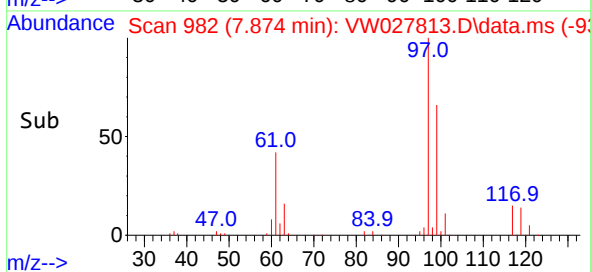
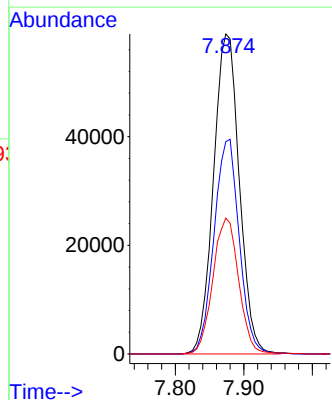
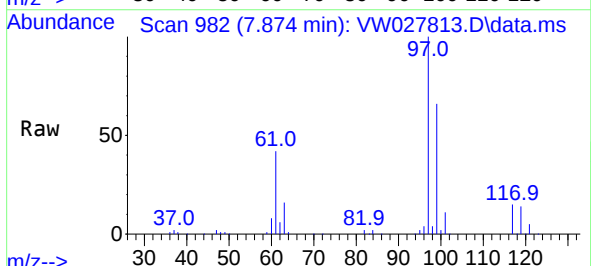


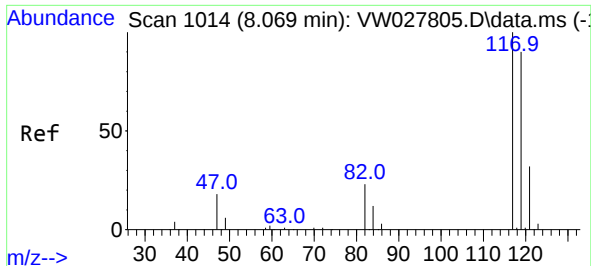
Tgt Ion: 56 Resp: 154881
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 99.8 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 22.182 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 97 Resp: 153954
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 42.5 34.2 51.4

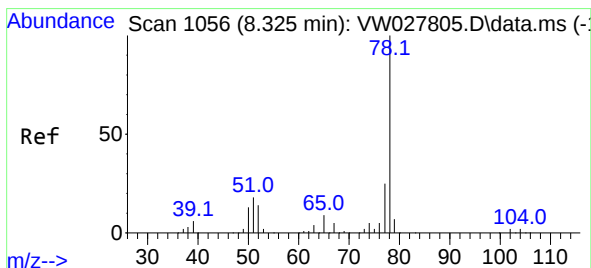
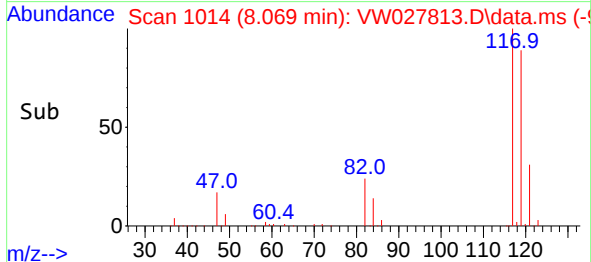
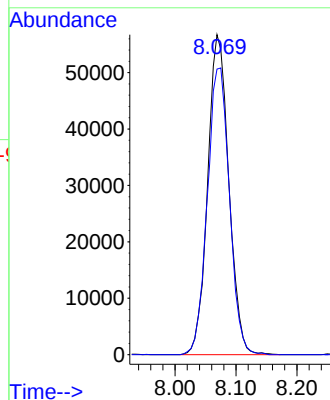
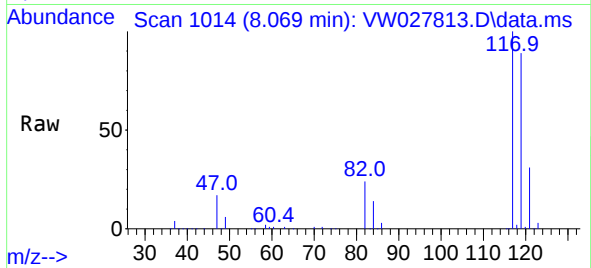




#31
Carbon tetrachloride
Concen: 22.409 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

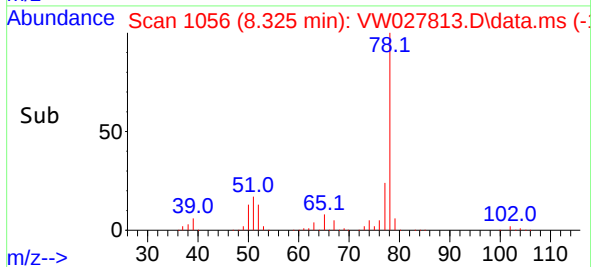
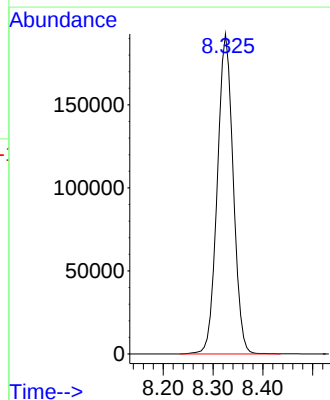
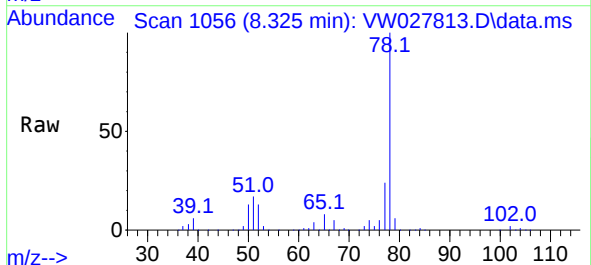
Instrument :
MSVOA_W
ClientSampleId :

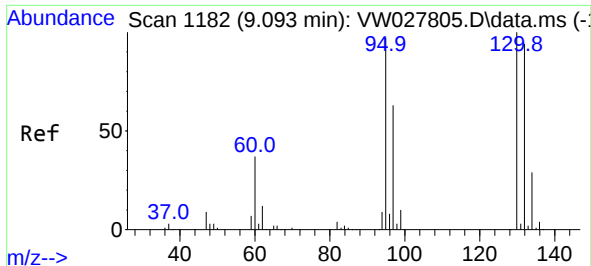
Tgt Ion:117 Resp: 136871
Ion Ratio Lower Upper
117 100
119 93.8 74.6 112.0



#33
Benzene
Concen: 22.119 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

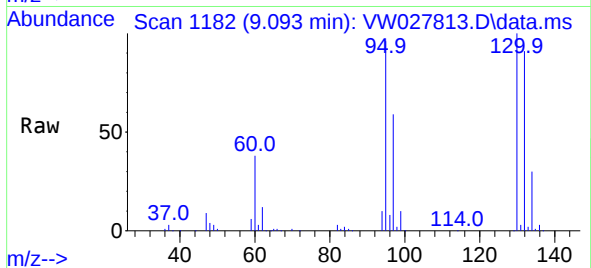
Tgt Ion: 78 Resp: 426023



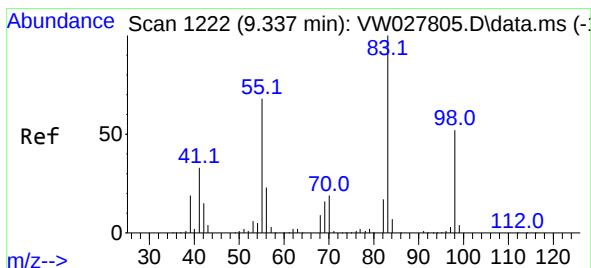
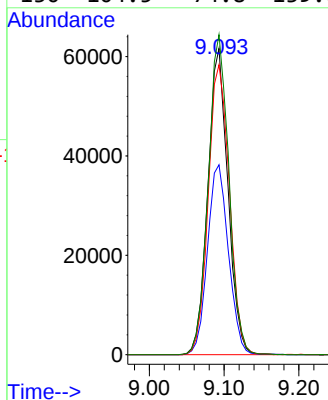
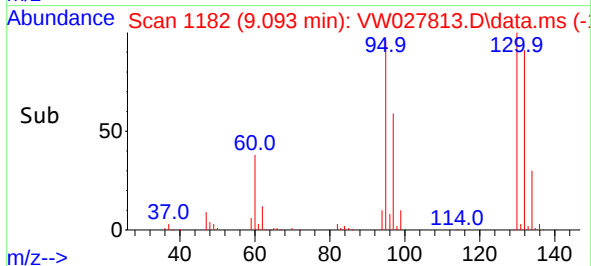


#34
Trichloroethene
Concen: 21.951 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

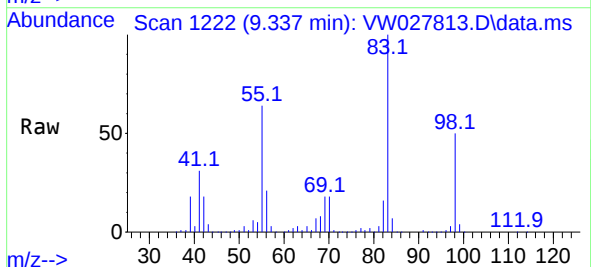
Instrument :
MSVOA_W
ClientSampleId :



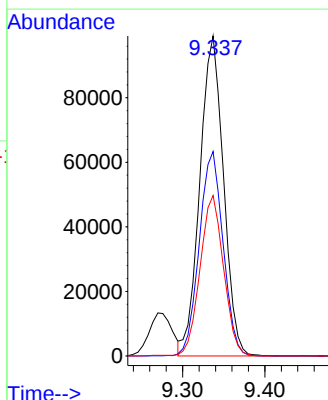
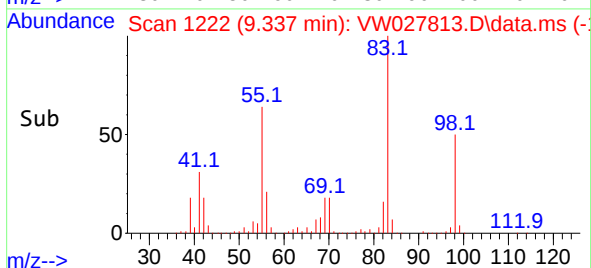
Tgt Ion: 95 Resp: 115249
Ion Ratio Lower Upper
95 100
97 62.0 45.9 85.3
132 94.6 70.4 130.8
130 104.5 74.8 139.0

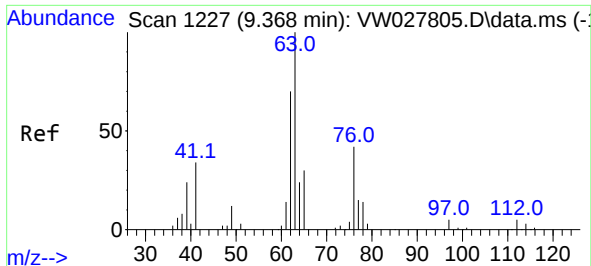


#35
Methylcyclohexane
Concen: 20.910 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27



Tgt Ion: 83 Resp: 198001
Ion Ratio Lower Upper
83 100
55 64.2 55.1 82.7
98 49.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 21.196 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

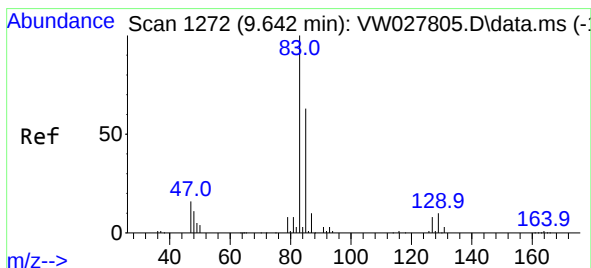
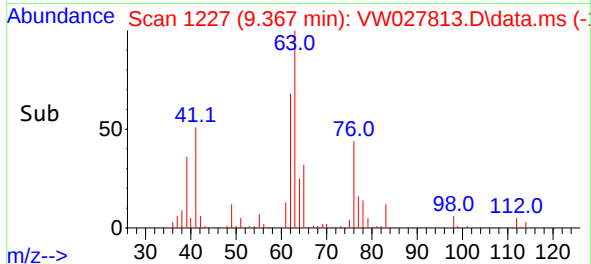
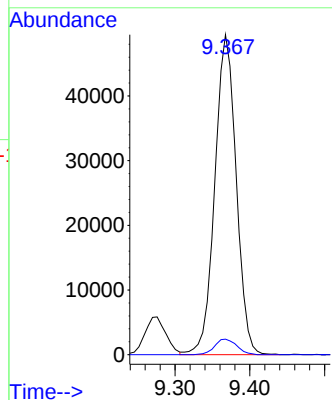
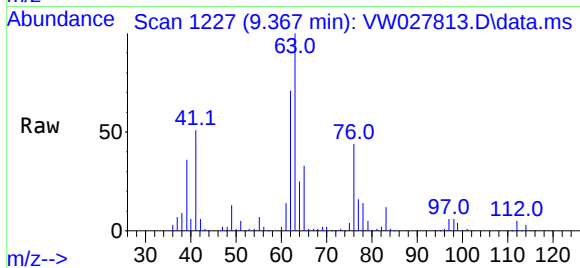
ClientSampleId :

Tgt Ion: 63 Resp: 98549

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 22.371 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

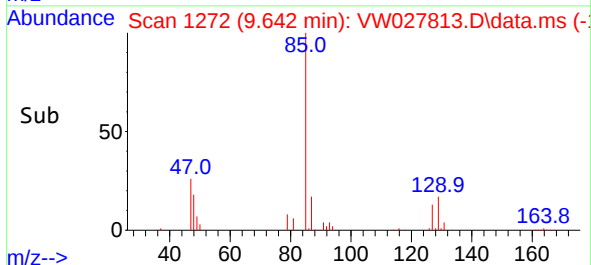
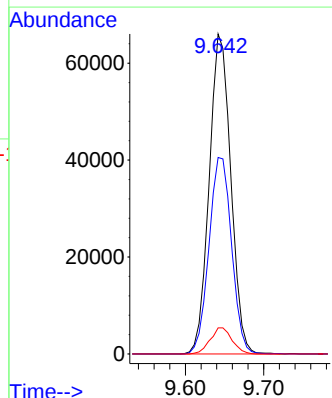
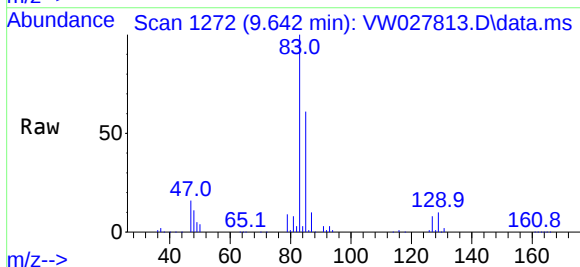
Tgt Ion: 83 Resp: 126425

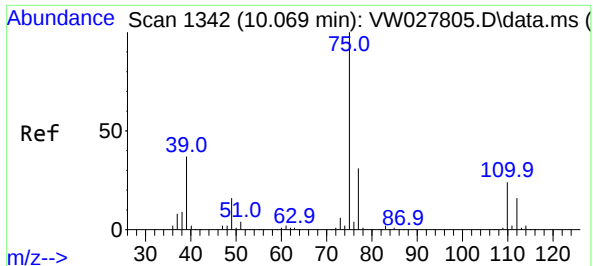
Ion Ratio Lower Upper

83 100

85 61.4 45.3 84.1

127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 21.881 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

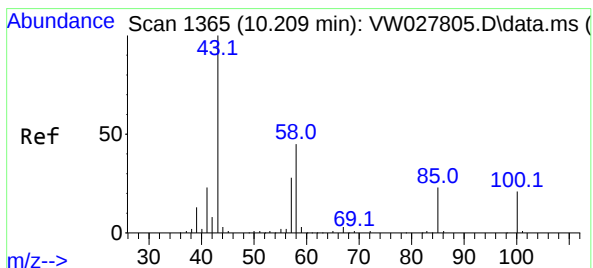
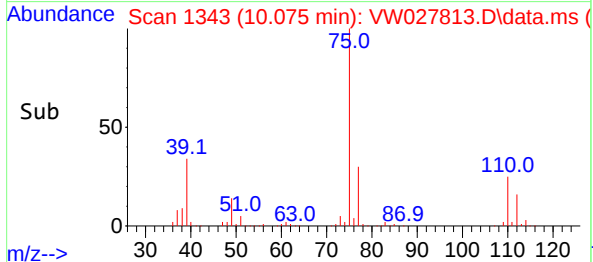
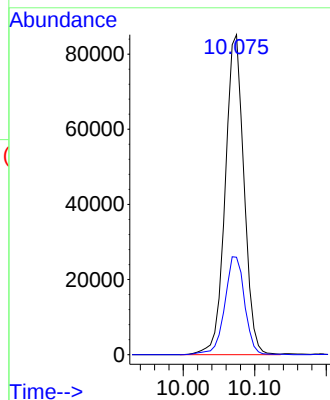
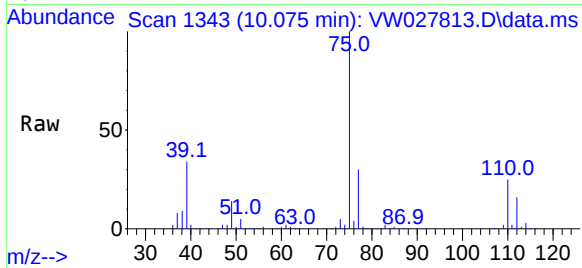
ClientSampleId :

Tgt Ion: 75 Resp: 155062

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 35.812 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

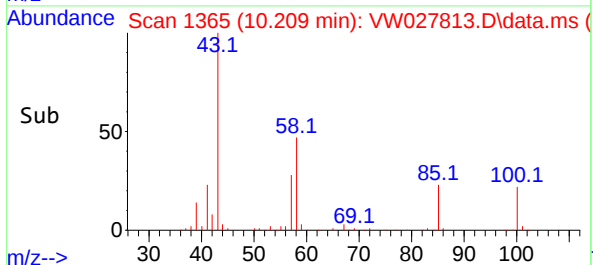
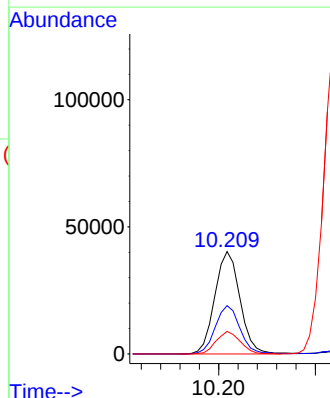
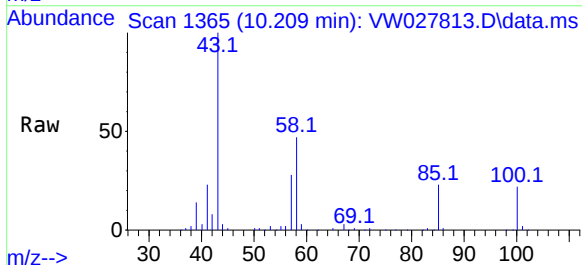
Tgt Ion: 43 Resp: 72774

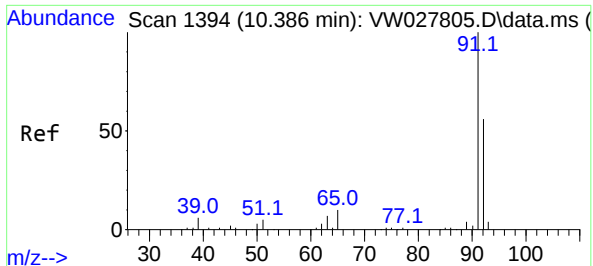
Ion Ratio Lower Upper

43 100

58 46.2 36.1 54.1

100 21.1 15.8 23.8





#42

Toluene

Concen: 22.625 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

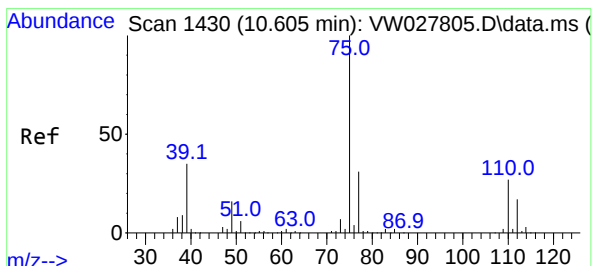
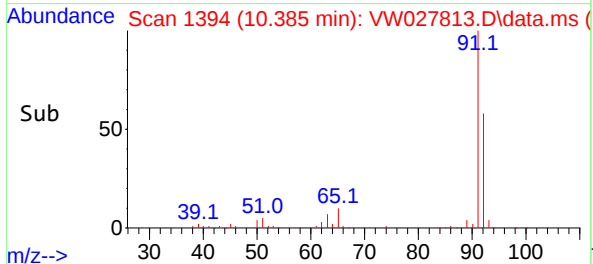
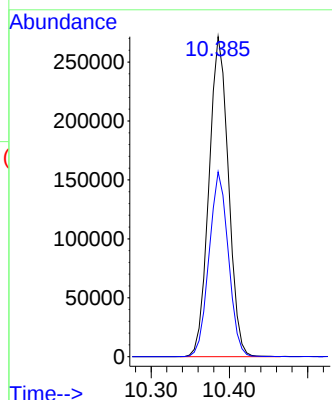
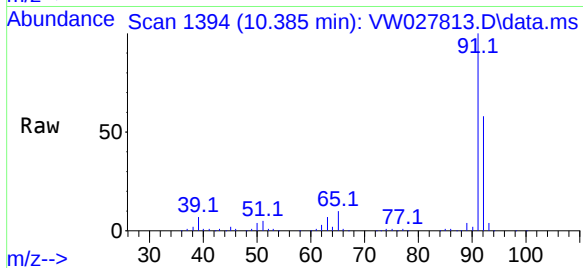
ClientSampleId :

Tgt Ion: 91 Resp: 468889

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 21.426 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027813.D

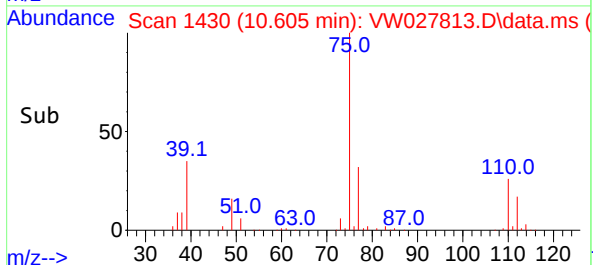
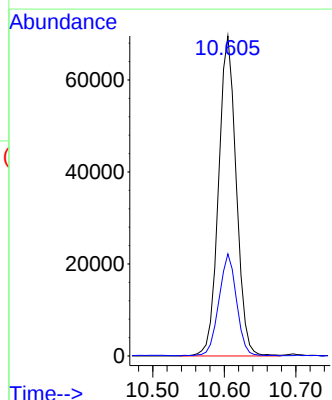
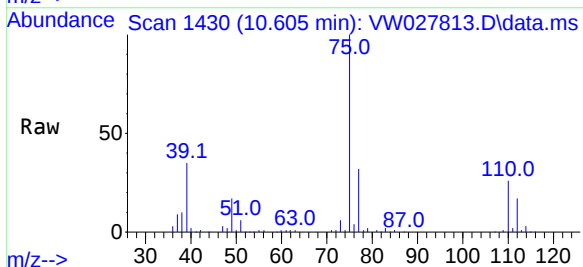
Acq: 20 Dec 2023 17:27

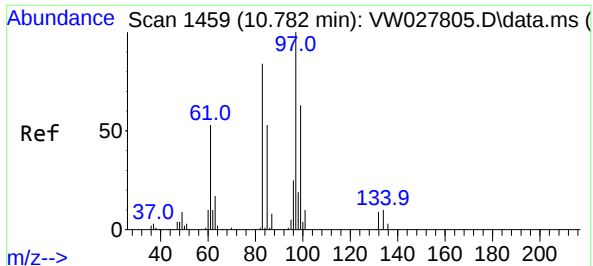
Tgt Ion: 75 Resp: 119567

Ion Ratio Lower Upper

75 100

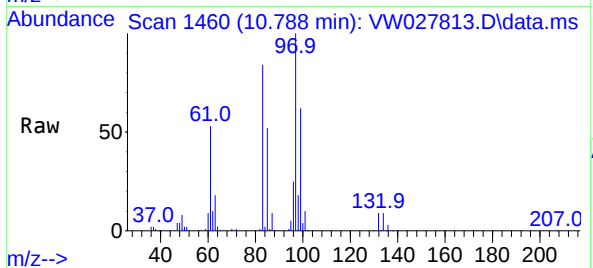
77 31.9 22.7 42.1





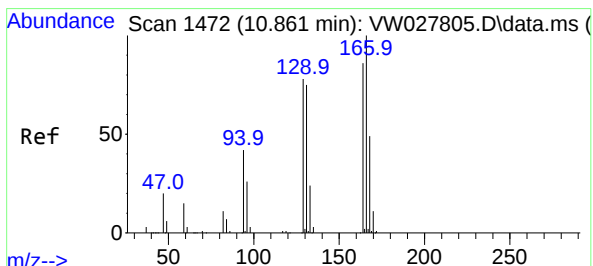
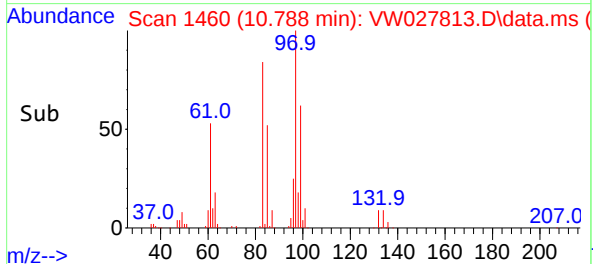
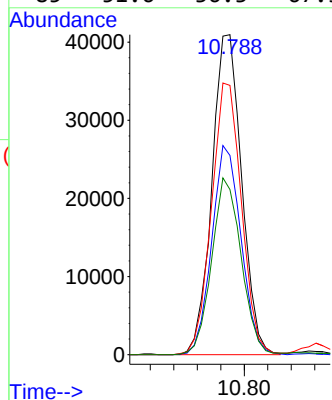
#45
1,1,2-Trichloroethane
Concen: 20.924 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 72024

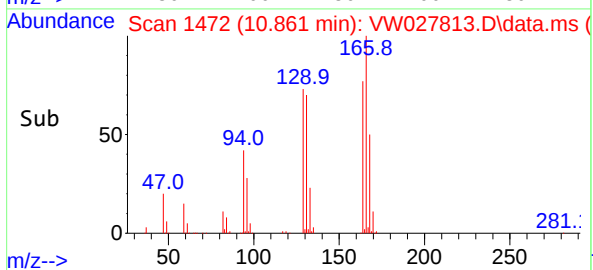
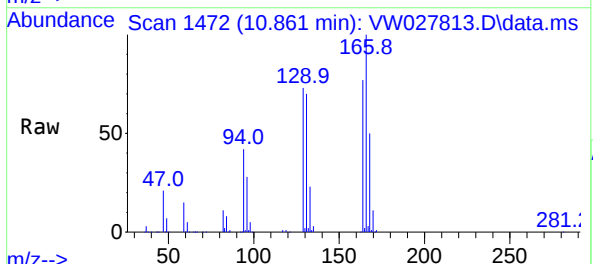
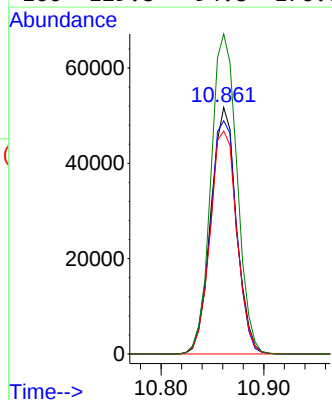
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.4	80.6
83	84.1	59.0	109.6
85	51.6	36.3	67.5

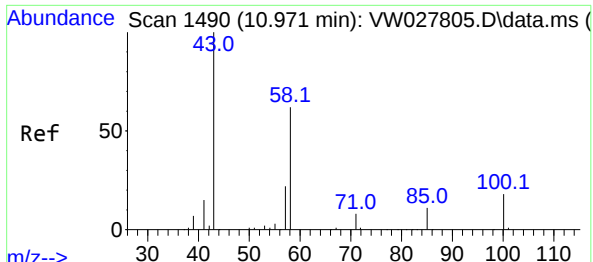


#46
Tetrachloroethene
Concen: 21.215 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 164 Resp: 88941

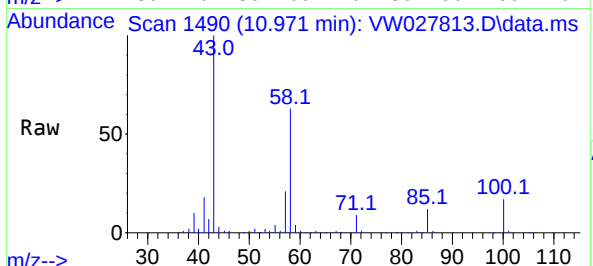
Ion	Ratio	Lower	Upper
164	100		
129	94.5	70.5	130.9
131	90.4	64.8	120.3
166	129.8	94.8	176.0





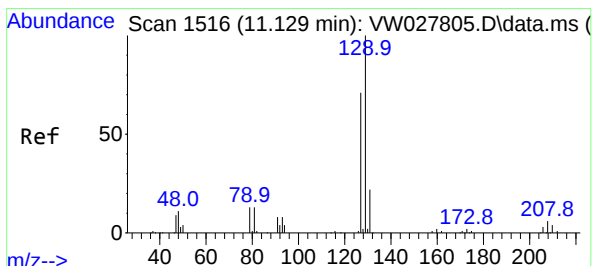
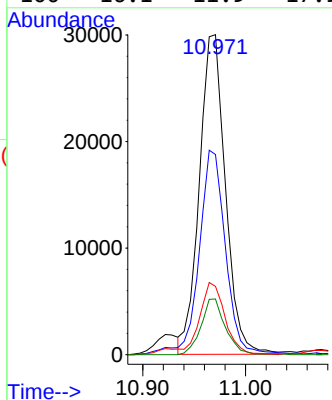
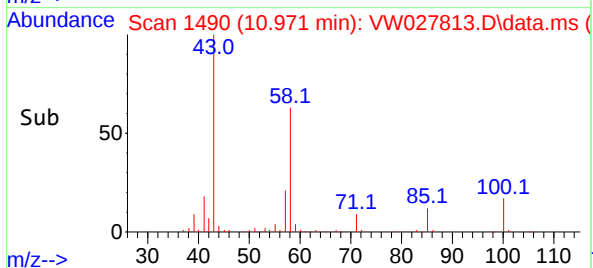
#48
2-Hexanone
Concen: 35.099 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 53088

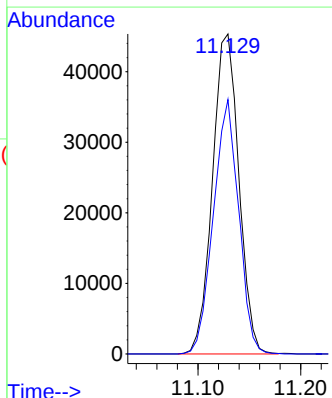
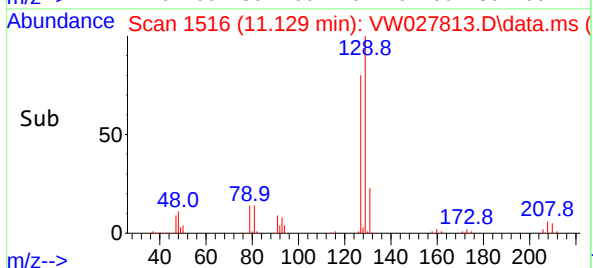
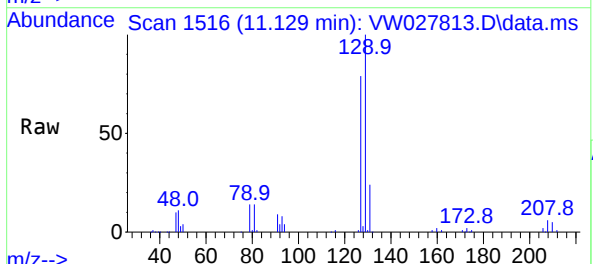
Ion	Ratio	Lower	Upper
43	100		
58	63.4	50.4	75.6
57	21.5	17.0	25.6
100	16.1	11.9	17.9

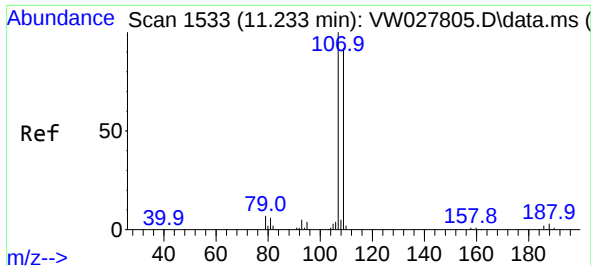


#49
Dibromochloromethane
Concen: 22.463 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 129 Resp: 80873

Ion	Ratio	Lower	Upper
129	100		
127	79.5	55.4	102.8





#50

1,2-Dibromoethane

Concen: 21.024 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

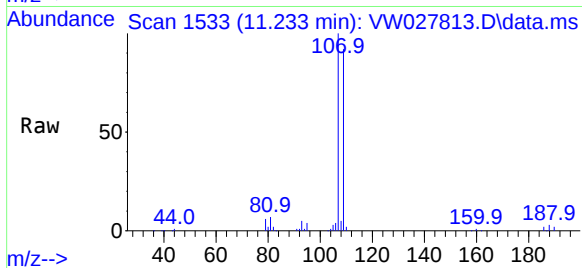
Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :



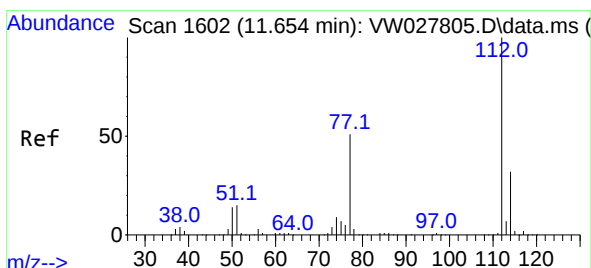
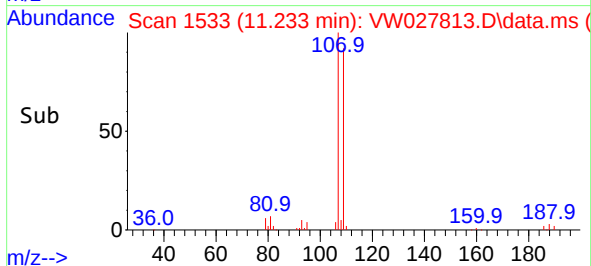
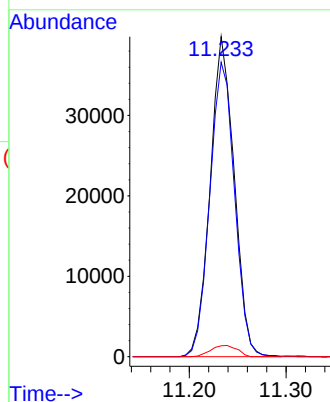
Tgt Ion:107 Resp: 68776

Ion Ratio Lower Upper

107 100

109 92.0 72.1 133.9

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 22.733 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

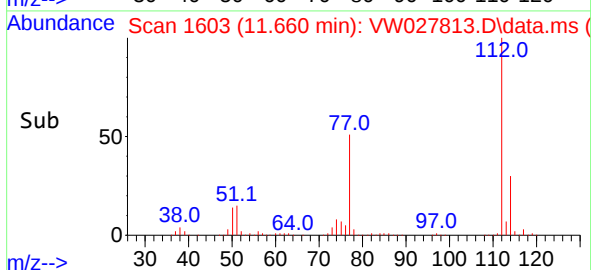
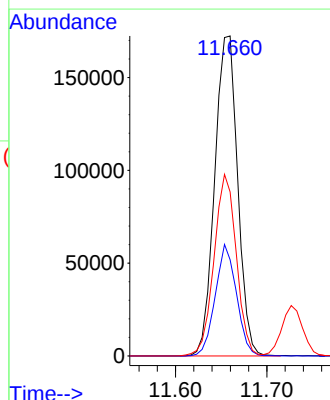
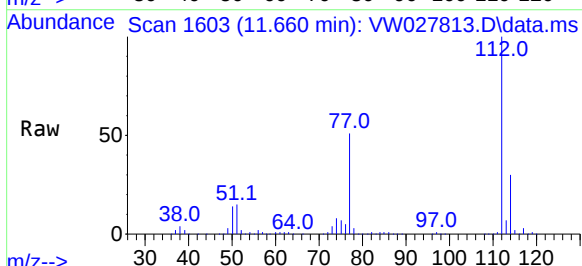
Tgt Ion:112 Resp: 301000

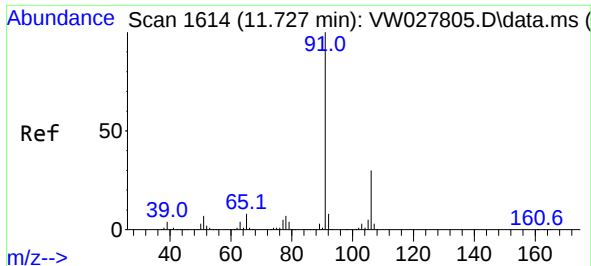
Ion Ratio Lower Upper

112 100

114 30.0 25.0 46.4

77 51.3 48.1 72.1

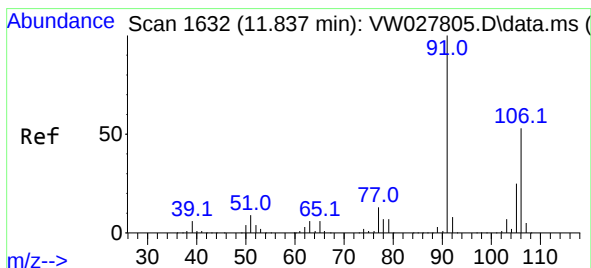
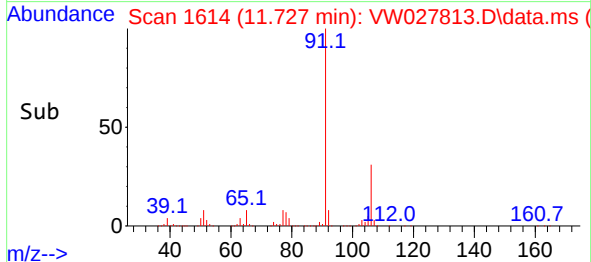
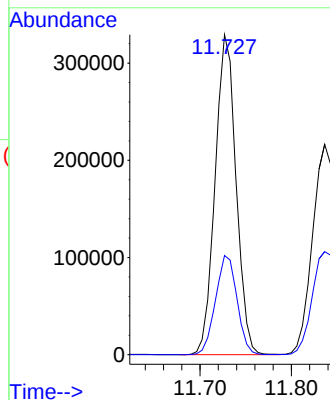
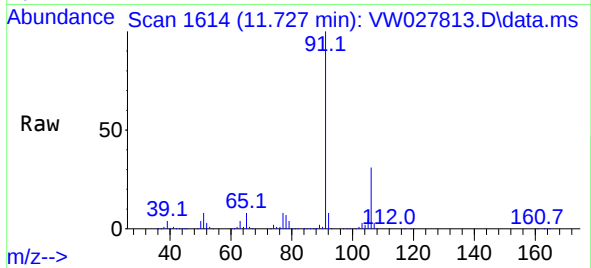




#52
Ethylbenzene
Concen: 22.465 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

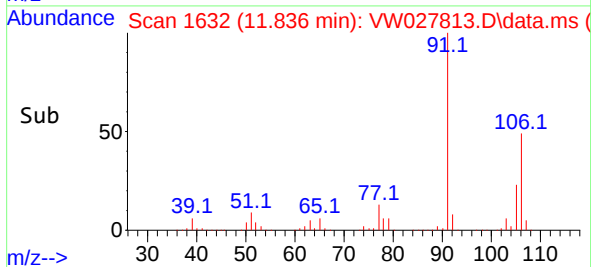
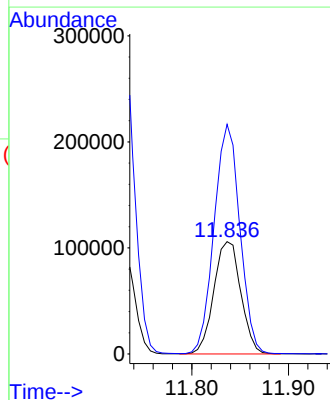
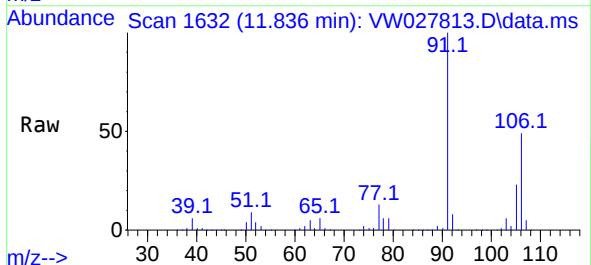
Instrument :
MSVOA_W
ClientSampleId :

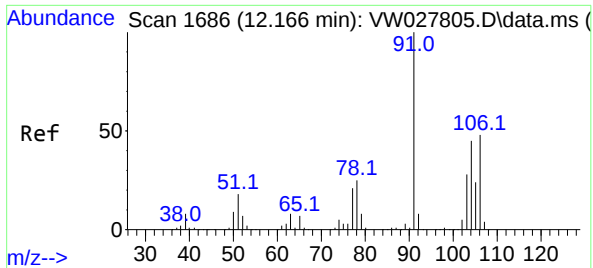
Tgt Ion: 91 Resp: 524611
Ion Ratio Lower Upper
91 100
106 31.0 23.7 44.1



#53
m,p-Xylene
Concen: 22.851 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion:106 Resp: 204971
Ion Ratio Lower Upper
106 100
91 204.3 135.7 251.9

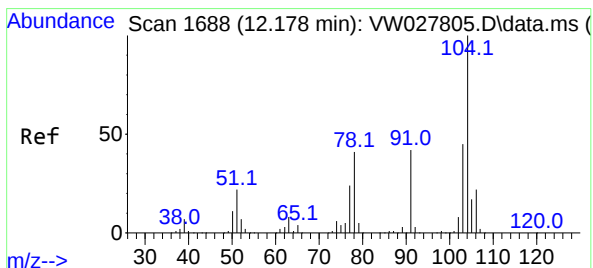
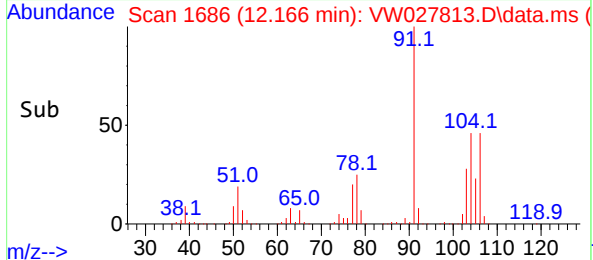
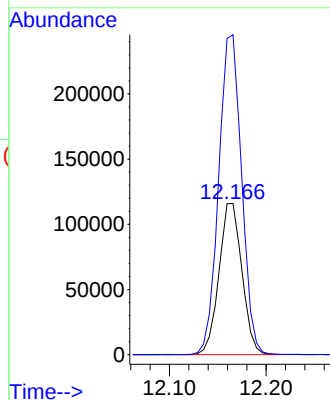
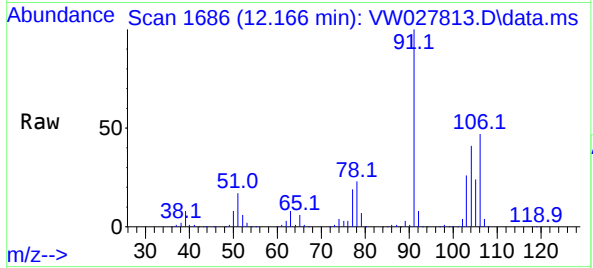




#54
o-Xylene
Concen: 22.843 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

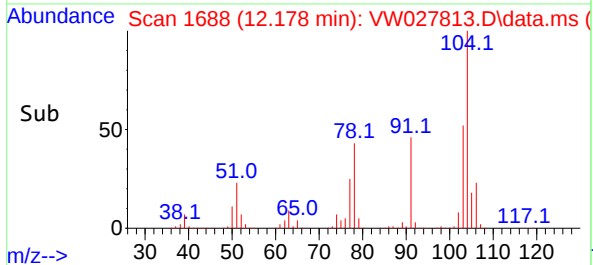
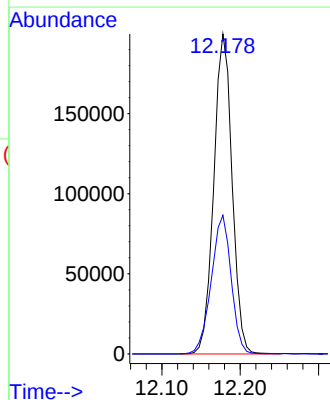
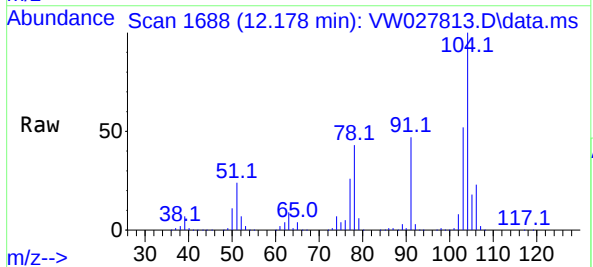
Instrument :
MSVOA_W
ClientSampleId :

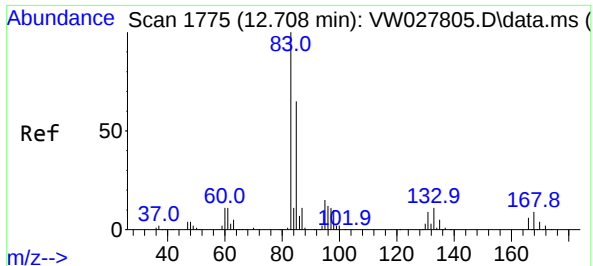
Tgt Ion:106 Resp: 190797
Ion Ratio Lower Upper
106 100
91 211.5 149.9 278.3



#55
Styrene
Concen: 23.072 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion:104 Resp: 324868
Ion Ratio Lower Upper
104 100
78 43.3 29.6 55.0

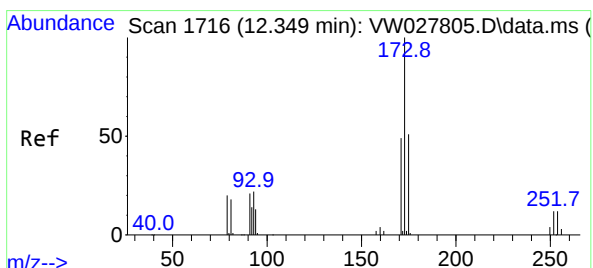
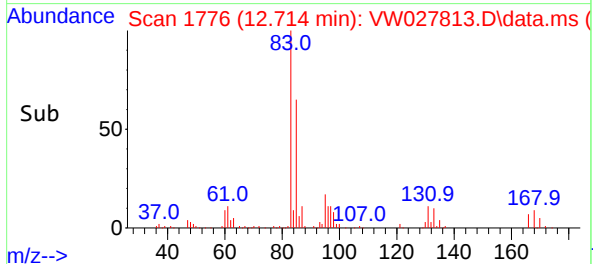
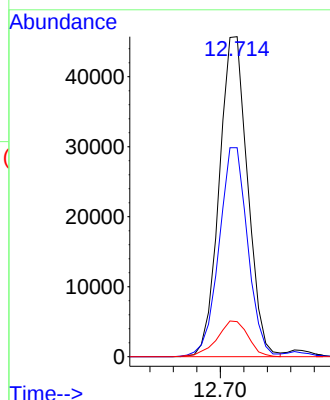
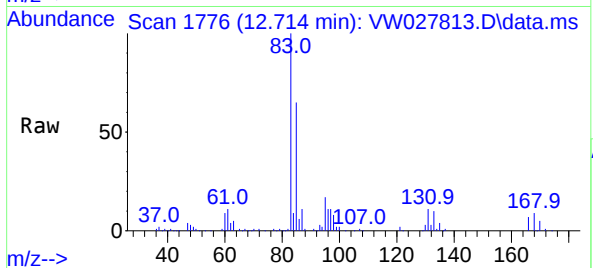




#57
1,1,2,2-Tetrachloroethane
Concen: 19.547 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

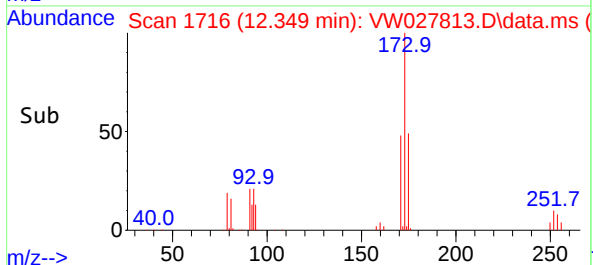
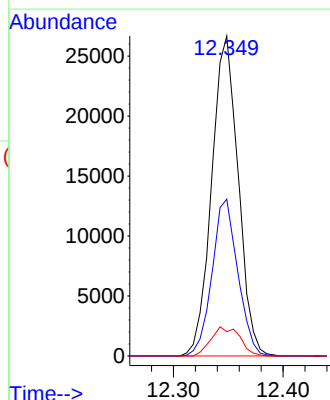
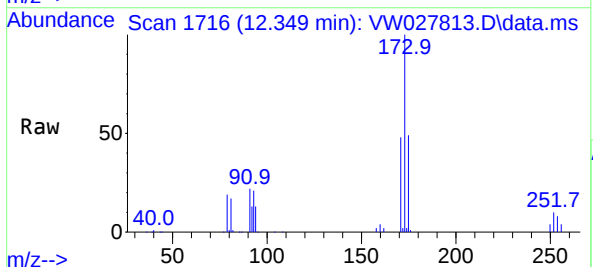
Instrument :
MSVOA_W
ClientSampleId :

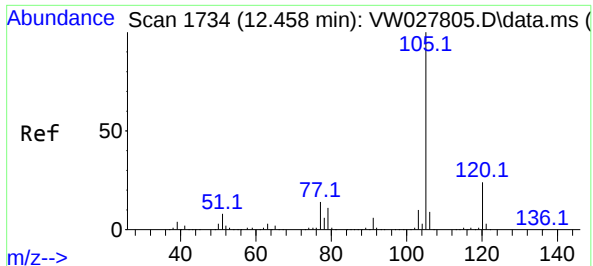
Tgt Ion: 83 Resp: 76701
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.2
131 11.0 7.0 10.6#



#59
Bromoform
Concen: 21.973 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

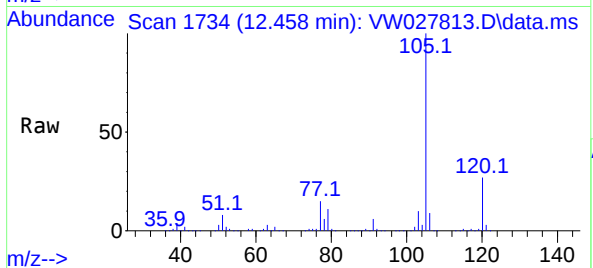
Tgt Ion:173 Resp: 44856
Ion Ratio Lower Upper
173 100
175 47.5 36.3 54.5
254 9.9 7.5 11.3



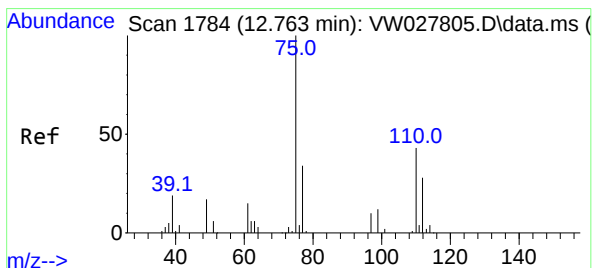
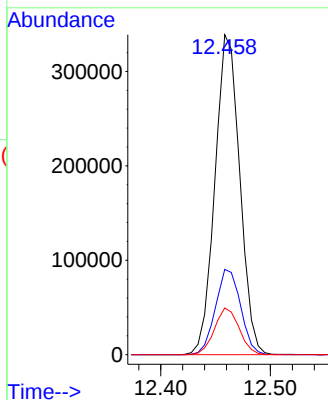
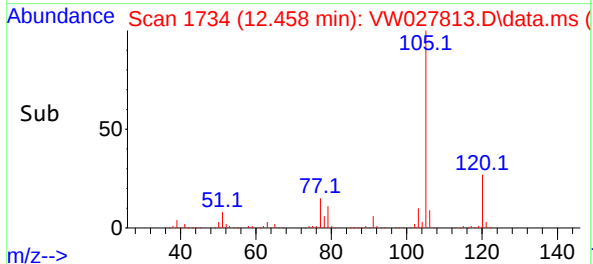


#60
Isopropylbenzene
Concen: 22.687 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

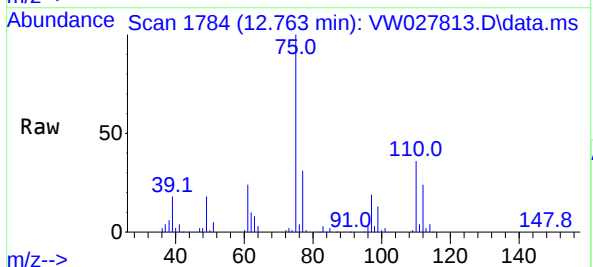
Instrument :
MSVOA_W
ClientSampleId :



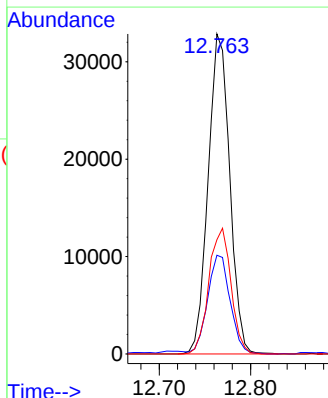
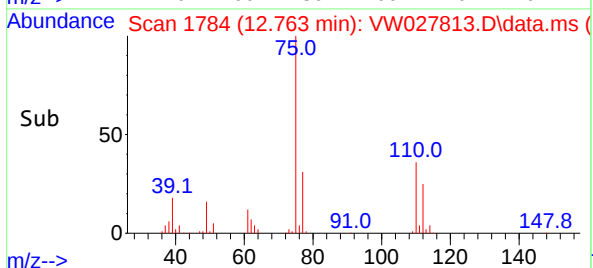
Tgt Ion:105 Resp: 533981
Ion Ratio Lower Upper
105 100
120 27.1 21.0 31.4
77 14.6 12.0 18.0

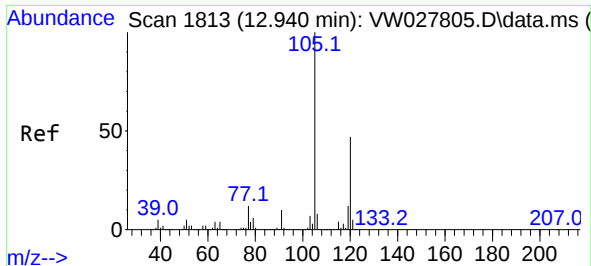


#61
1,2,3-Trichloropropane
Concen: 19.384 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27



Tgt Ion: 75 Resp: 53879
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
110 40.3 32.2 48.2

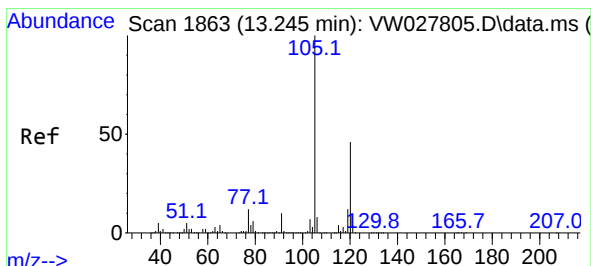
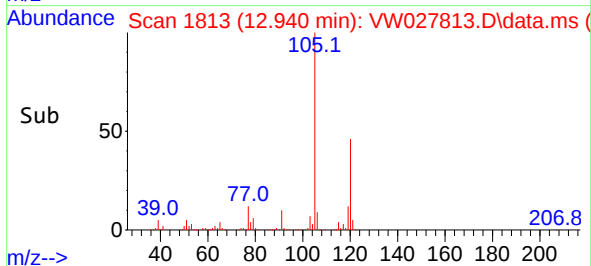
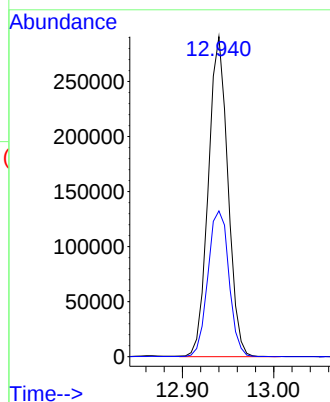
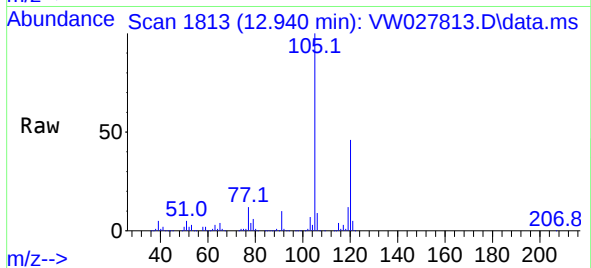




#62
1,3,5-Trimethylbenzene
Concen: 22.960 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

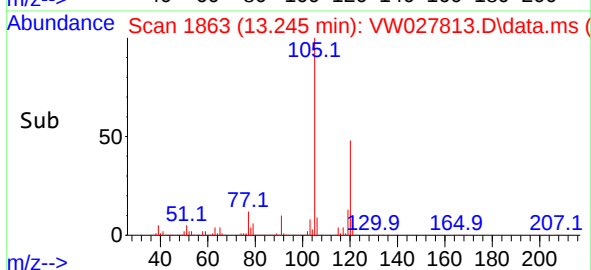
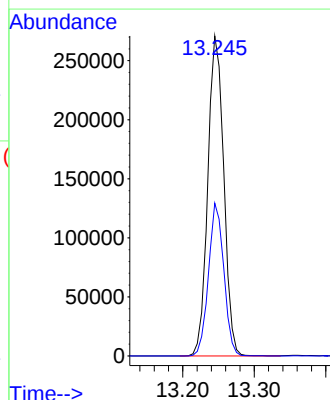
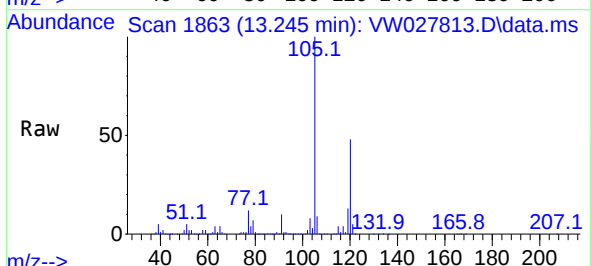
Instrument :
MSVOA_W
ClientSampleId :

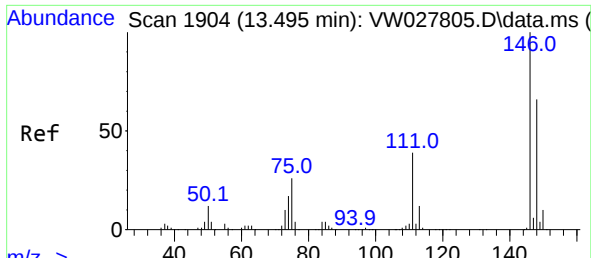
Tgt Ion:105 Resp: 432006
Ion Ratio Lower Upper
105 100
120 48.9 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 22.701 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

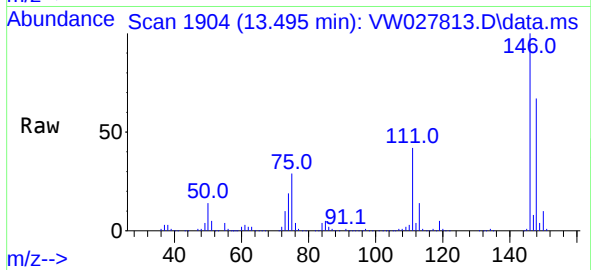
Tgt Ion:105 Resp: 420446
Ion Ratio Lower Upper
105 100
120 45.8 36.4 54.6



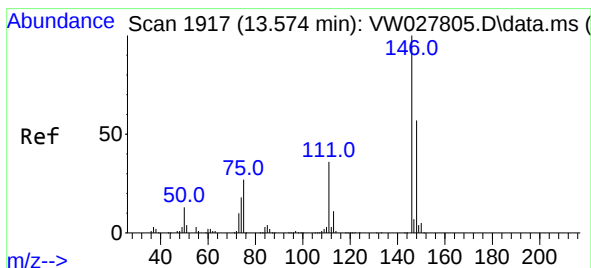
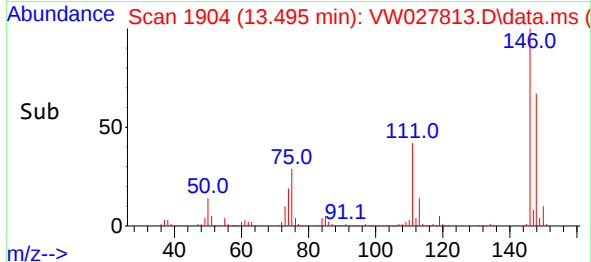
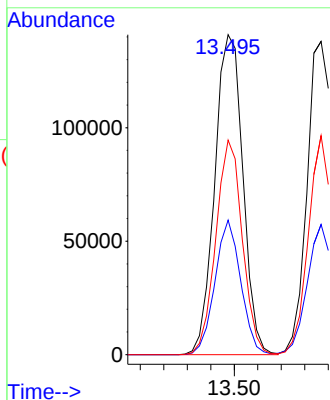


#64
1,3-Dichlorobenzene
Concen: 23.073 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

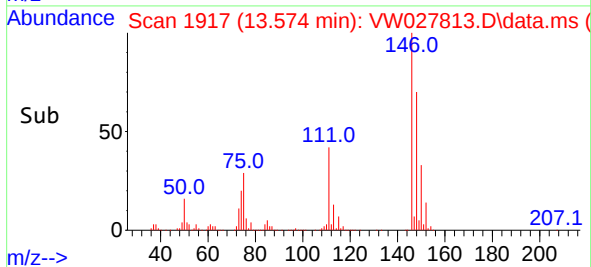
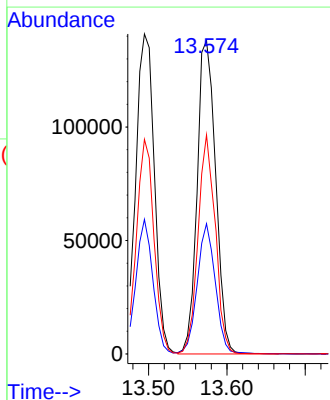
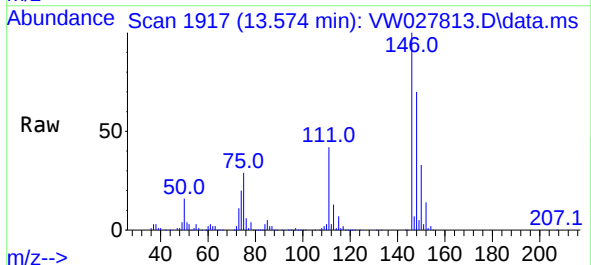


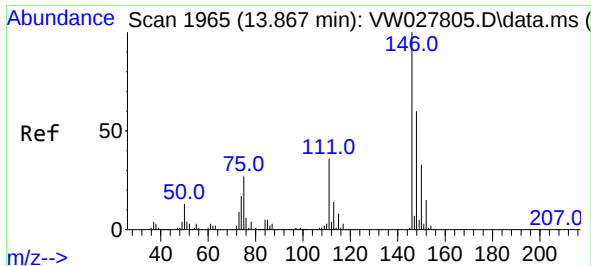
Tgt Ion:146 Resp: 234672
Ion Ratio Lower Upper
146 100
111 42.0 31.1 57.7
148 67.1 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 22.277 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

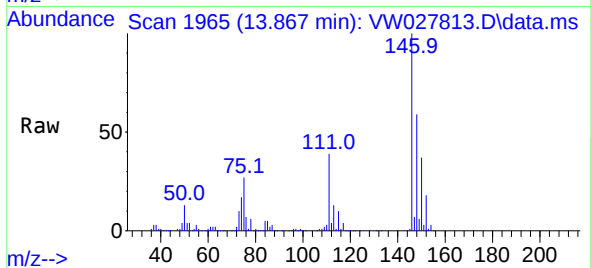
Tgt Ion:146 Resp: 227592
Ion Ratio Lower Upper
146 100
111 41.6 26.2 48.6
148 69.9 46.3 85.9



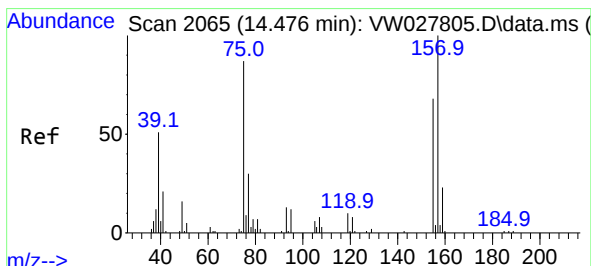
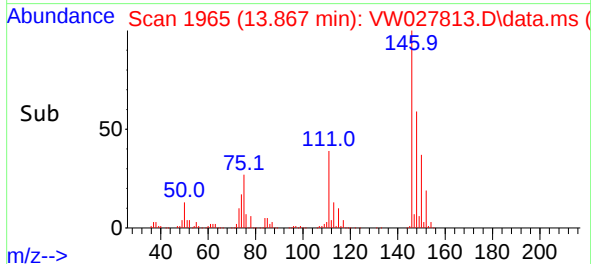
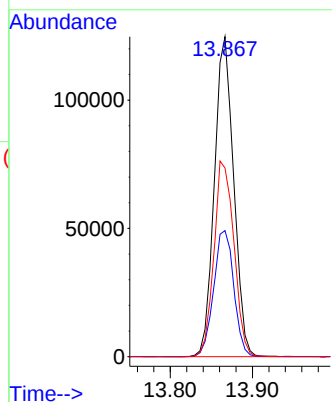


#67
1,2-Dichlorobenzene
Concen: 23.032 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

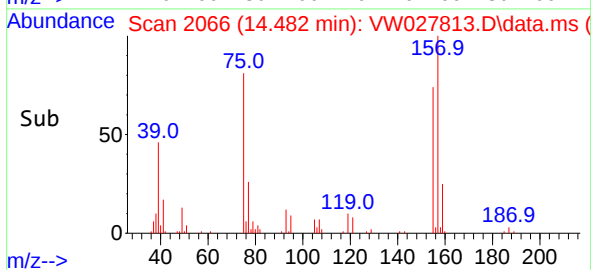
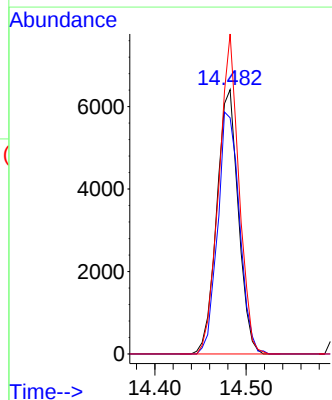
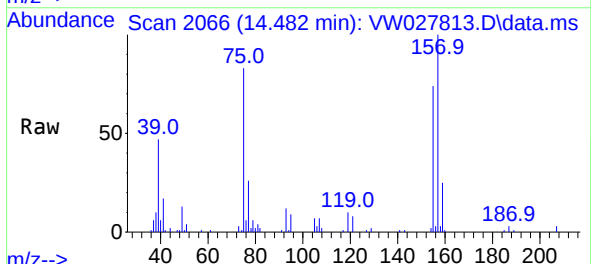


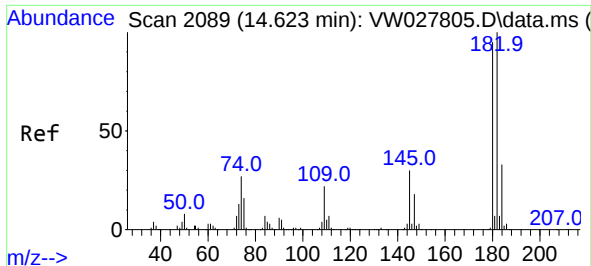
Tgt Ion:146 Resp: 203705
Ion Ratio Lower Upper
146 100
111 39.4 32.1 48.1
148 59.0 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 18.922 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion: 75 Resp: 10507
Ion Ratio Lower Upper
75 100
155 89.3 59.8 89.6
157 121.0 87.5 131.3





#69

1,3,5-Trichlorobenzene

Concen: 22.990 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.006 min

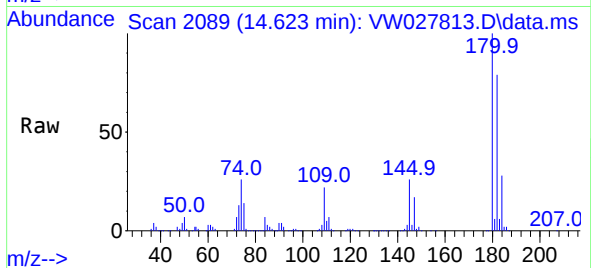
Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 162699

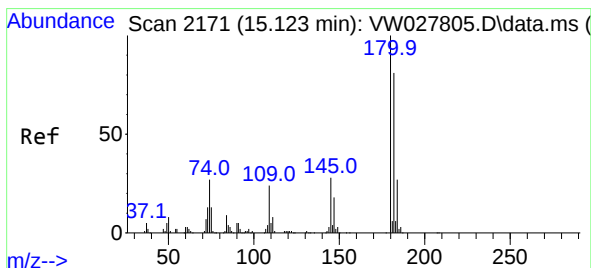
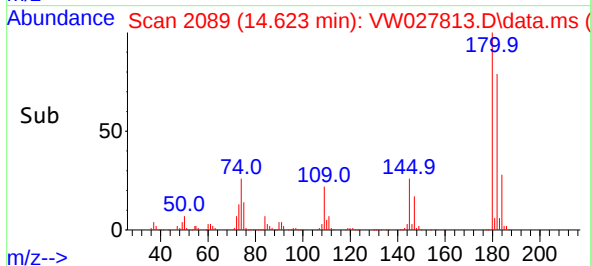
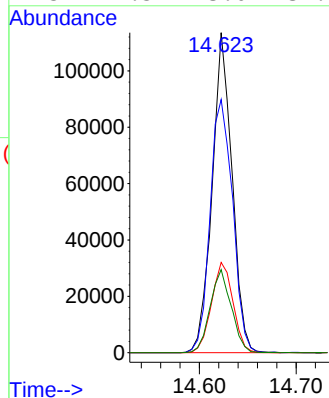
Ion Ratio Lower Upper

180 100

182 89.4 72.6 109.0

184 30.5 23.0 34.6

145 27.5 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 22.003 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027813.D

Acq: 20 Dec 2023 17:27

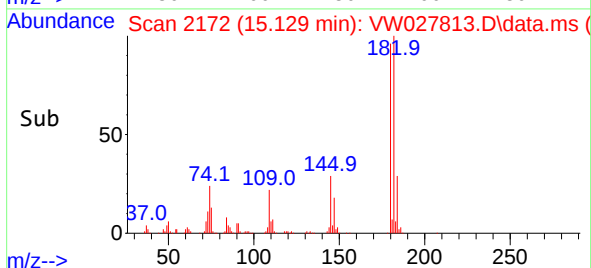
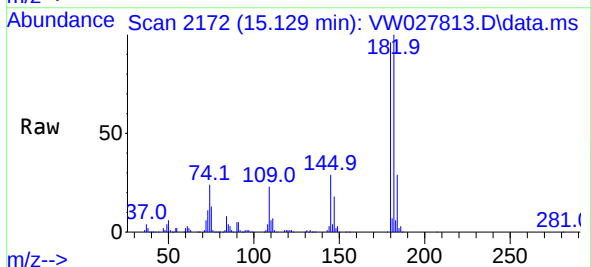
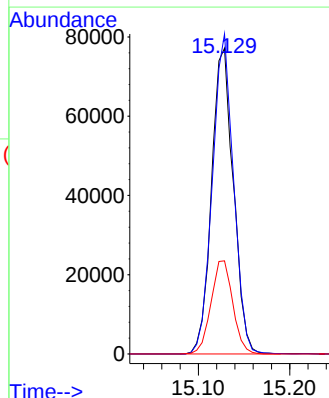
Tgt Ion:180 Resp: 127879

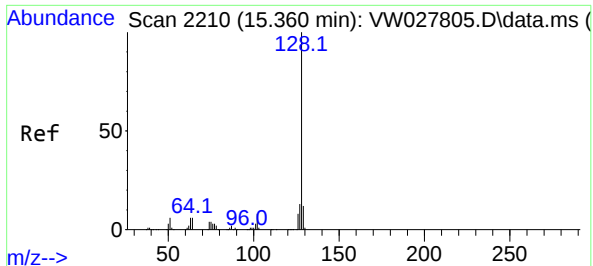
Ion Ratio Lower Upper

180 100

182 101.0 69.7 104.5

145 30.4 24.1 36.1

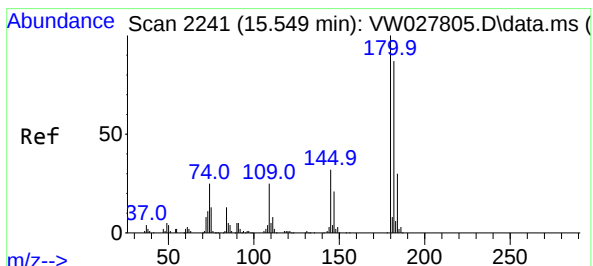
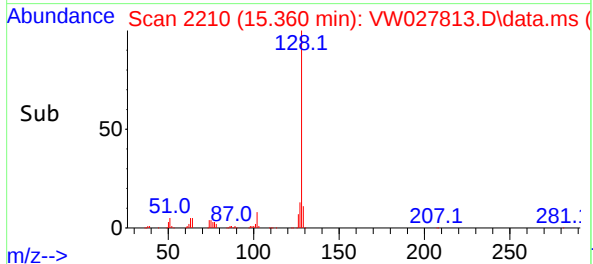
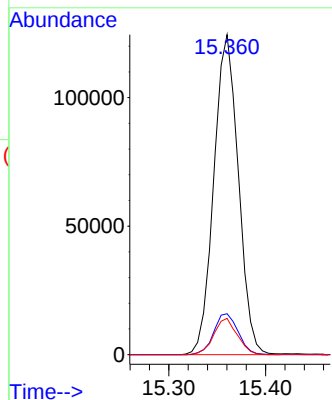
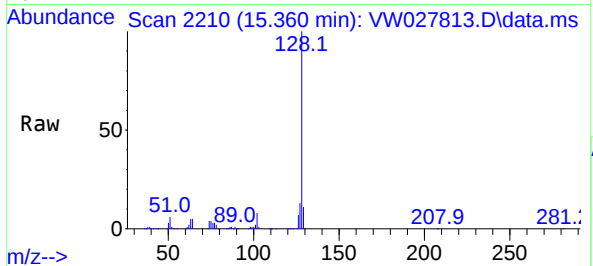




#71
Naphthalene
Concen: 21.303 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 219396
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.628 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027813.D
Acq: 20 Dec 2023 17:27

Tgt Ion:180 Resp: 109956
Ion Ratio Lower Upper
180 100
182 94.8 75.5 113.3
145 30.8 25.0 37.6

