

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026796.D
 Acq On : 22 Aug 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430213	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	173732	24.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.280%
7) Chloroethane-d5	2.893	69	134759	25.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.520%
11) 1,1-Dichloroethene-d2	4.021	65	88436	25.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.720%
21) 2-Butanone-d5	7.081	46	86660	42.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
24) Chloroform-d	7.648	84	401084	27.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.160%
26) 1,2-Dichloroethane-d4	8.307	65	218698	27.457	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.840%
32) Benzene-d6	8.276	84	806961	27.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.880%
36) 1,2-Dichloropropane-d6	9.276	67	241062	26.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.400%
41) Toluene-d8	10.325	98	730609	28.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.840%
43) trans-1,3-Dichloroprop...	10.581	79	99074	25.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.920%
47) 2-Hexanone-d5	10.922	63	49377	50.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	194228	26.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	241472	28.256	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	151788	25.960	ug/L #	88
3) Chloromethane	2.223	50	165445	20.693	ug/L	98
5) Vinyl chloride	2.375	62	181418	23.736	ug/L	99
6) Bromomethane	2.790	94	109120	24.505	ug/L	95
8) Chloroethane	2.936	64	109153	23.834	ug/L	98
9) Trichlorofluoromethane	3.265	101	162421	25.894	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	166131	24.520	ug/L #	88
12) 1,1-Dichloroethene	4.051	96	171319	26.952	ug/L	98
13) Acetone	4.125	43	91286	45.184	ug/L	100
14) Carbon disulfide	4.399	76	546517	23.899	ug/L	99
15) Methyl Acetate	4.667	43	91070	22.503	ug/L	97
16) Methylene chloride	4.917	84	195976	23.558	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	186107	26.238	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	295233	27.508	ug/L	97
19) 1,1-Dichloroethane	6.216	63	375527	25.724	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	205476	26.951	ug/L	97
22) 2-Butanone	7.173	43	121788	40.905	ug/L	95
23) Bromochloromethane	7.514	128	88905	26.995	ug/L	91
25) Chloroform	7.679	83	372179	26.389	ug/L	99

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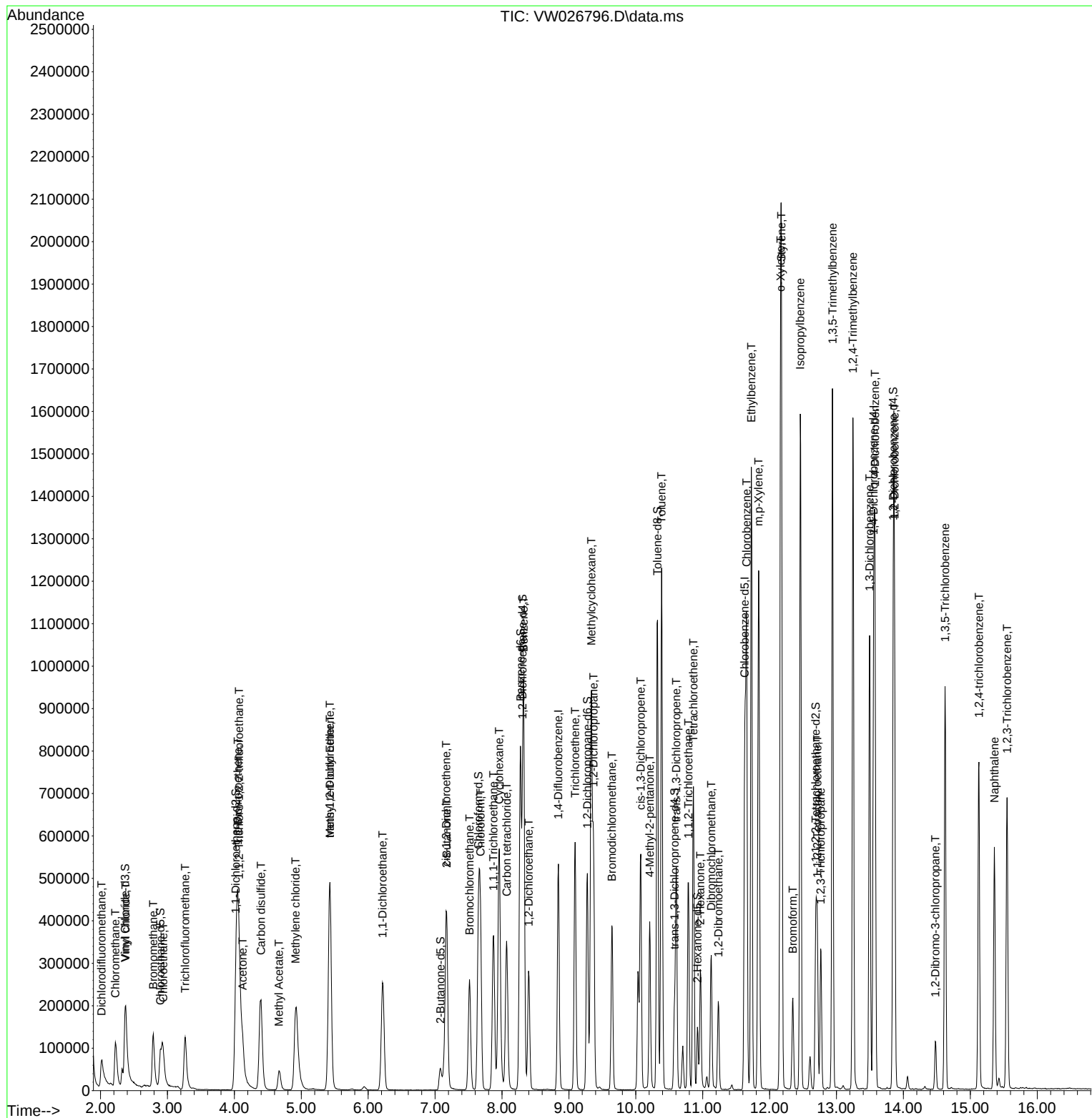
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	257895	26.212	ug/L	99
29) Cyclohexane	7.959	56	331585	24.923	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	301596	26.861	ug/L	99
31) Carbon tetrachloride	8.069	117	275553	26.841	ug/L	96
33) Benzene	8.325	78	819566	26.160	ug/L	100
34) Trichloroethene	9.093	95	208750	26.162	ug/L	98
35) Methylcyclohexane	9.337	83	364513	26.704	ug/L	97
37) 1,2-Dichloropropane	9.368	63	217327	25.326	ug/L	98
38) Bromodichloromethane	9.642	83	263365	26.162	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	332221	26.911	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	256386	45.931	ug/L	97
42) Toluene	10.386	91	874390	27.590	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	284020	26.729	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	154361	26.302	ug/L	97
46) Tetrachloroethene	10.861	164	154682	26.684	ug/L	96
48) 2-Hexanone	10.965	43	185306	48.788	ug/L	98
49) Dibromochloromethane	11.129	129	168428	27.439	ug/L	92
50) 1,2-Dibromoethane	11.233	107	142217	25.826	ug/L	99
51) Chlorobenzene	11.654	112	541762	27.062	ug/L	99
52) Ethylbenzene	11.727	91	1007418	28.346	ug/L	98
53) m,p-Xylene	11.837	106	379848	28.850	ug/L	92
54) o-Xylene	12.166	106	354315	28.834	ug/L	100
55) Styrene	12.178	104	647890	30.324	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	188214	25.322	ug/L	99
59) Bromoform	12.349	173	95954	25.654	ug/L	97
60) Isopropylbenzene	12.459	105	992439	27.957	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140384	24.239	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	817018	29.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	831221	30.232	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	417527	27.045	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	438021	27.187	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	387051	27.570	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	32930	23.585	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	271329	26.014	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	234676	26.537	ug/L	96
71) Naphthalene	15.360	128	459033	27.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213107	26.718	ug/L	97

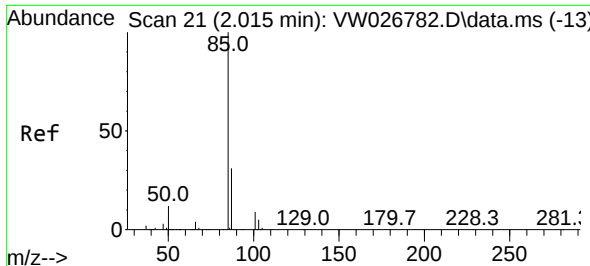
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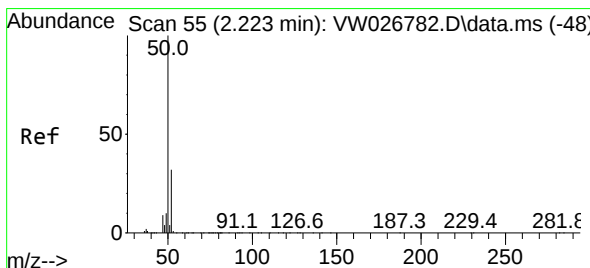
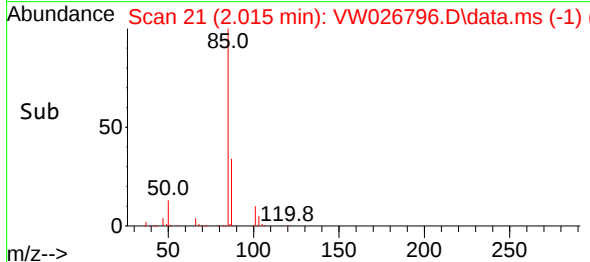
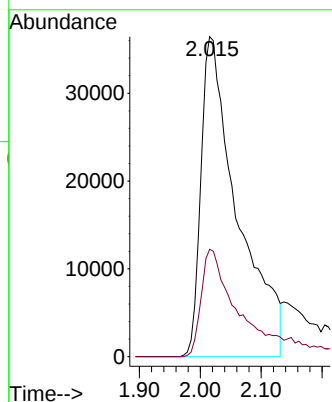
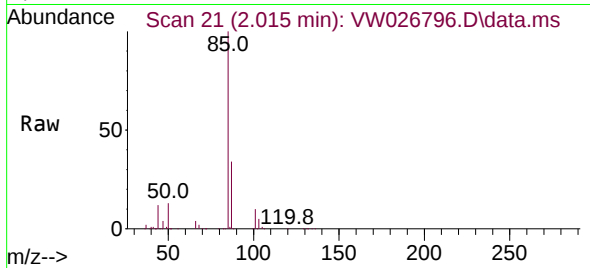




#2
 Dichlorodifluoromethane
 Concen: 25.960 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

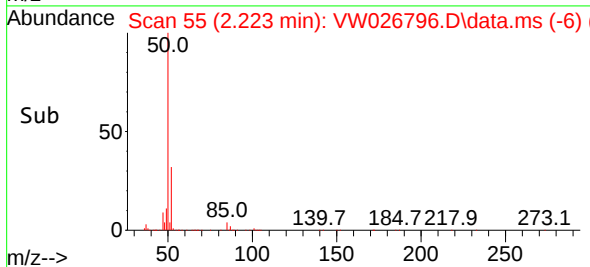
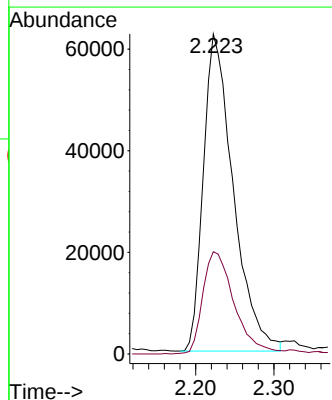
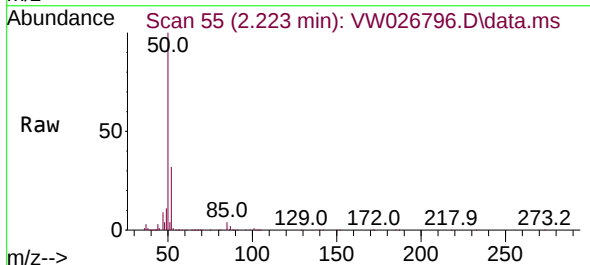
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 ClientSampleId :

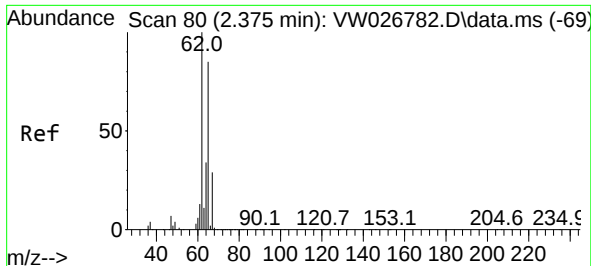
Tgt Ion: 85 Resp: 151788
 Ion Ratio Lower Upper
 85 100
 87 30.2 19.5 29.3#



#3
 Chloromethane
 Concen: 20.693 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

Tgt Ion: 50 Resp: 165445
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.8

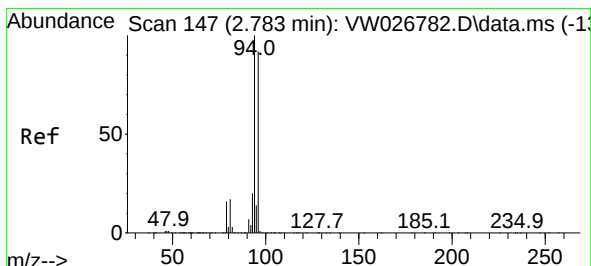
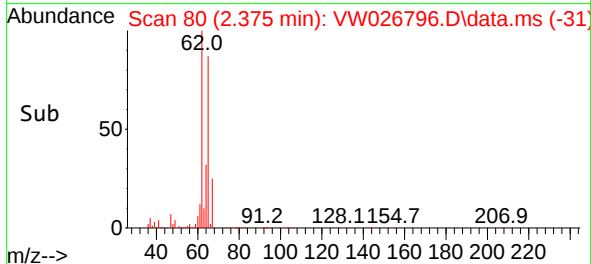
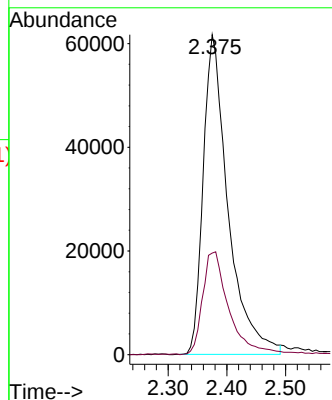
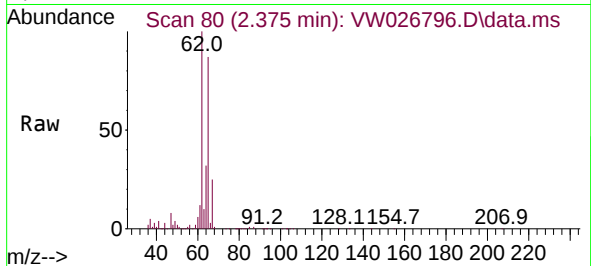




#5
 Vinyl chloride
 Concen: 23.736 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

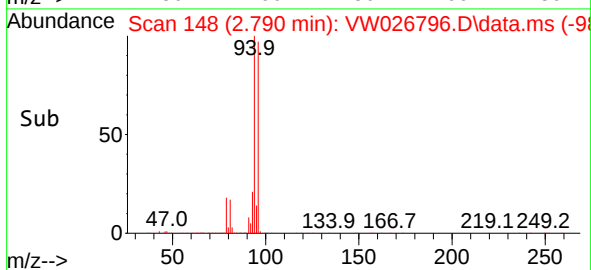
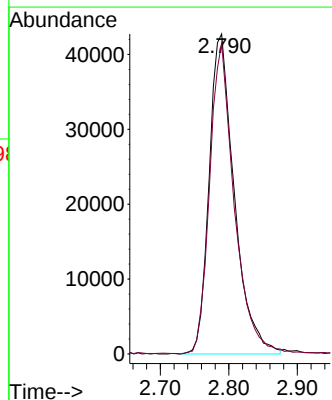
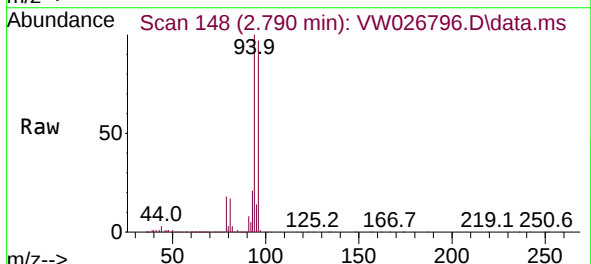
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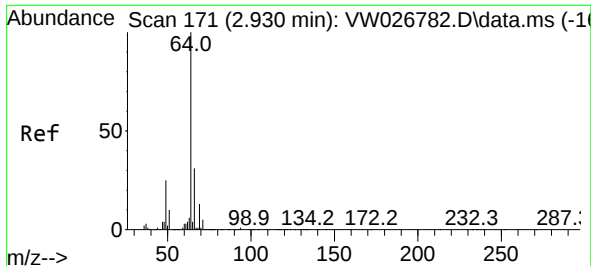
Tgt Ion: 62 Resp: 181418
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3



#6
 Bromomethane
 Concen: 24.505 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

Tgt Ion: 94 Resp: 109120
 Ion Ratio Lower Upper
 94 100
 96 97.2 64.8 120.3

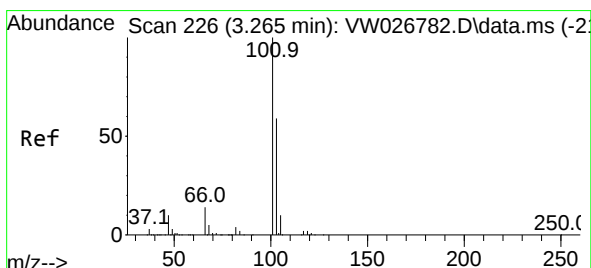
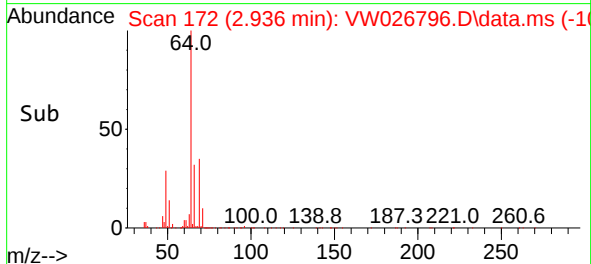
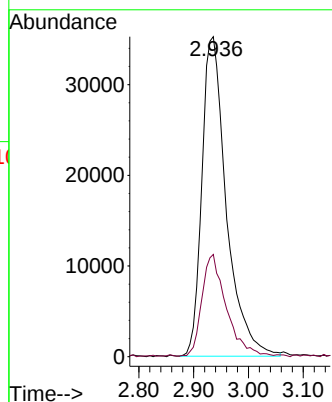
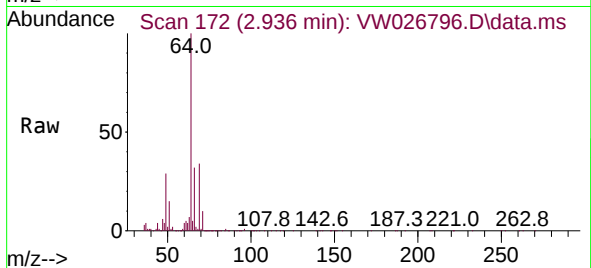




#8
Chloroethane
Concen: 23.834 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

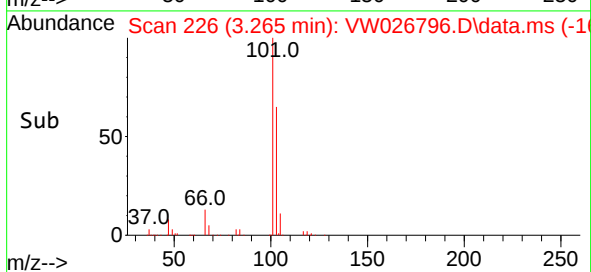
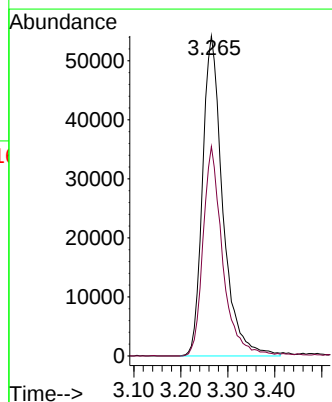
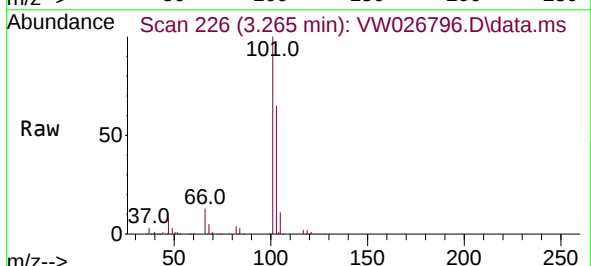
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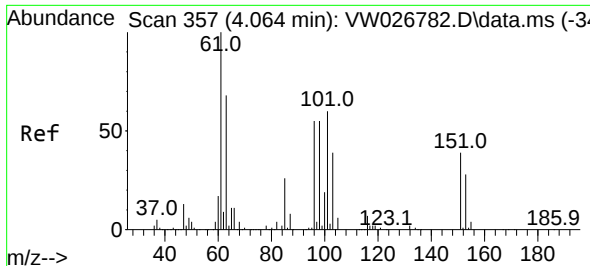
Tgt Ion: 64 Resp: 109153
Ion Ratio Lower Upper
64 100
66 31.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.894 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion: 101 Resp: 162421
Ion Ratio Lower Upper
101 100
103 61.9 51.9 77.9

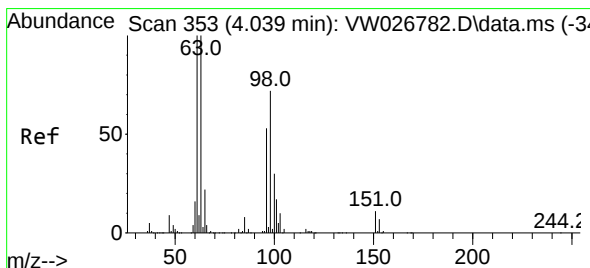
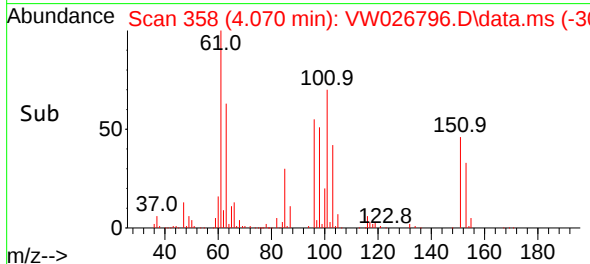
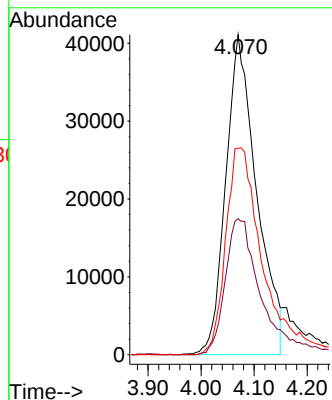
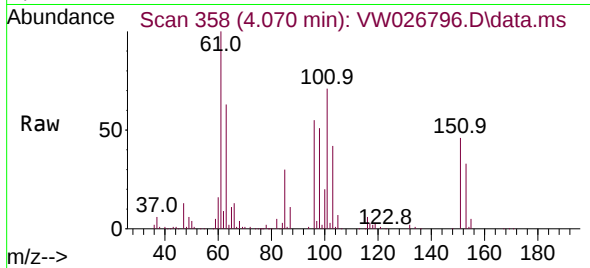




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.520 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

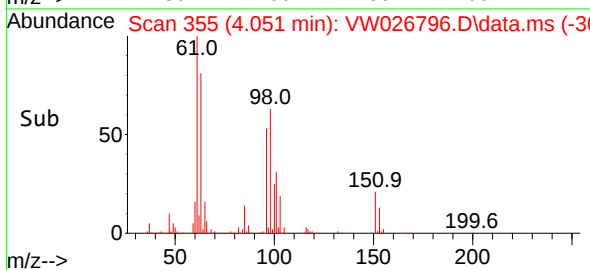
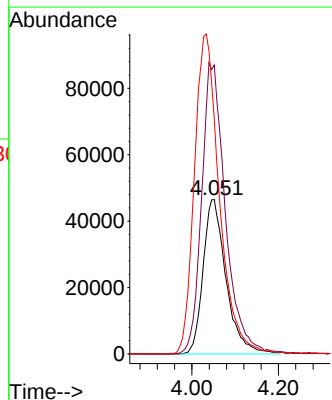
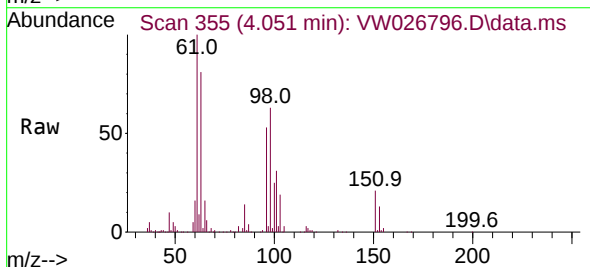
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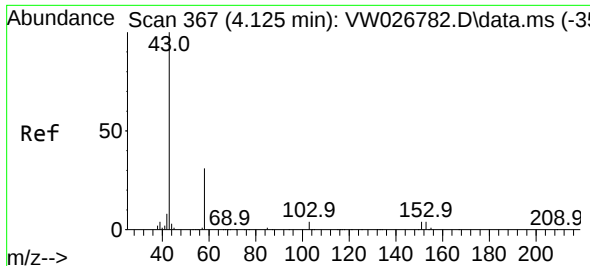
Tgt Ion:101 Resp: 166131
 Ion Ratio Lower Upper
 101 100
 85 23.3 32.8 49.2#
 151 69.8 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 26.952 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW026796.D
 Acq: 22 Aug 2023 10:30

Tgt Ion: 96 Resp: 171319
 Ion Ratio Lower Upper
 96 100
 61 187.2 133.2 247.4
 63 152.4 109.0 202.4

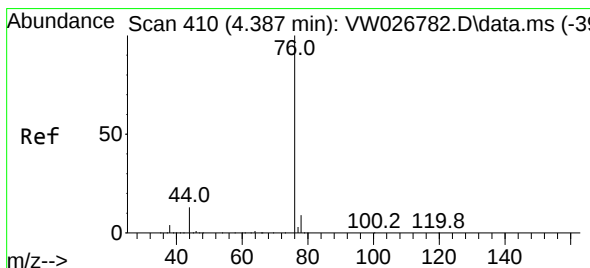
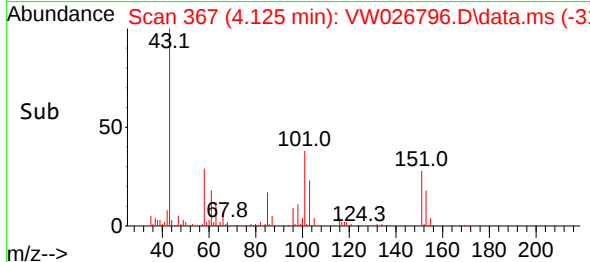
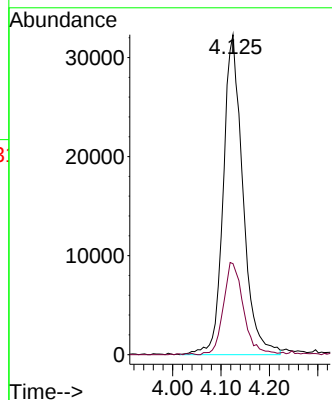
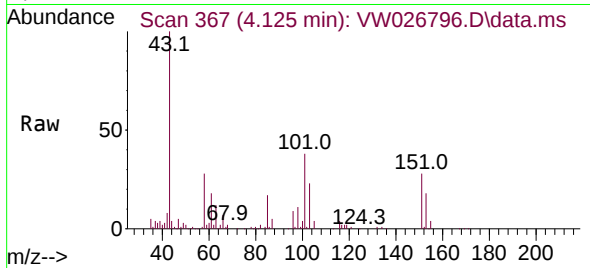




#13
Acetone
Concen: 45.184 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

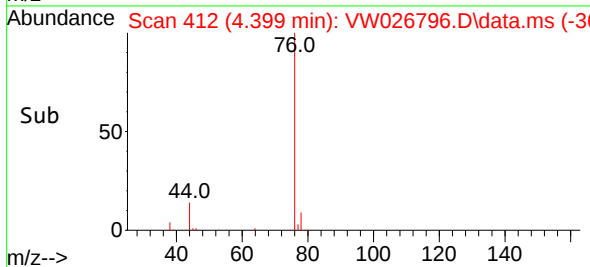
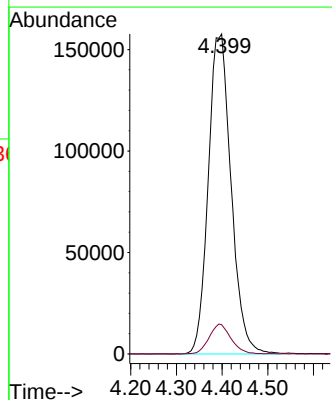
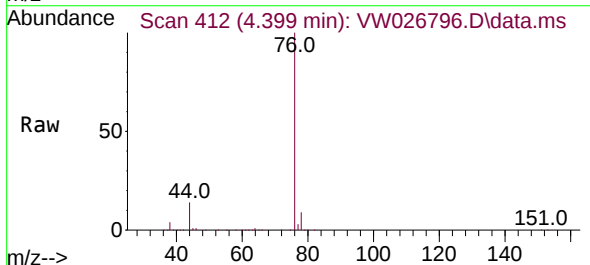
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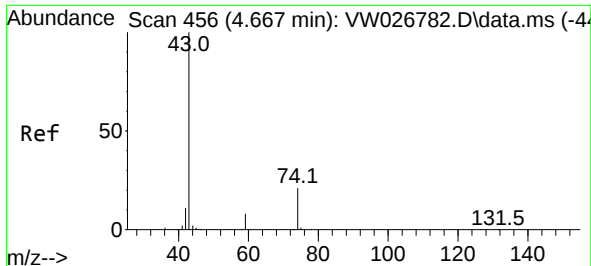
Tgt Ion: 43 Resp: 91286
Ion Ratio Lower Upper
43 100
58 28.8 0.0 57.4



#14
Carbon disulfide
Concen: 23.899 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 546517
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

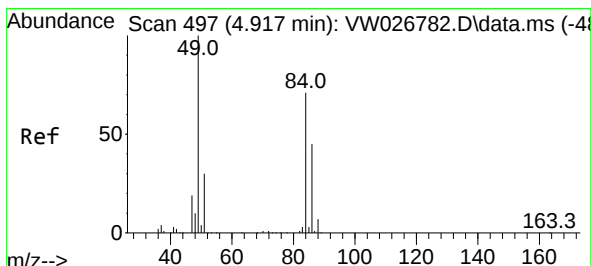
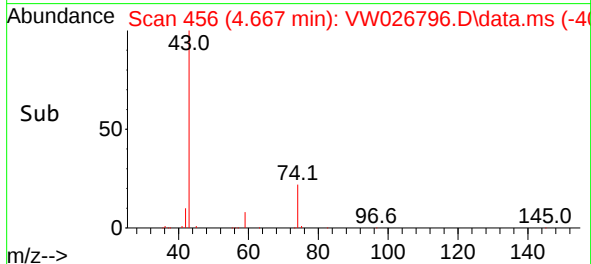
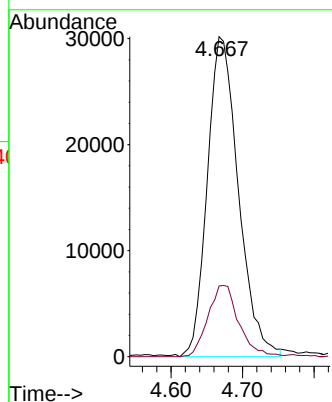
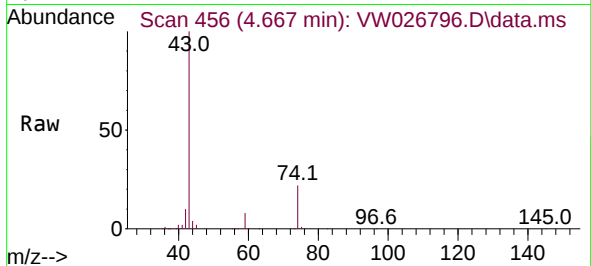




#15
Methyl Acetate
Concen: 22.503 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

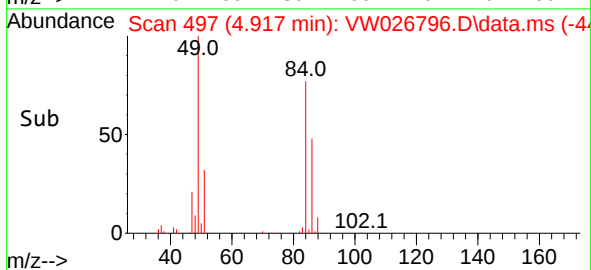
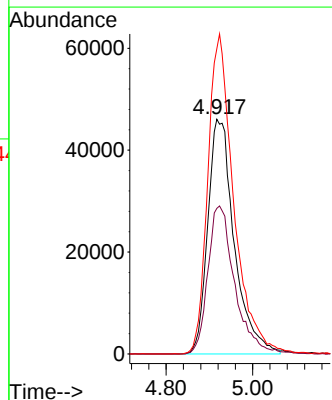
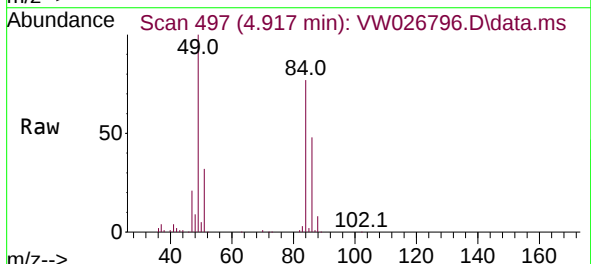
Instrument :
MSVOA_W
ClientSampleId :

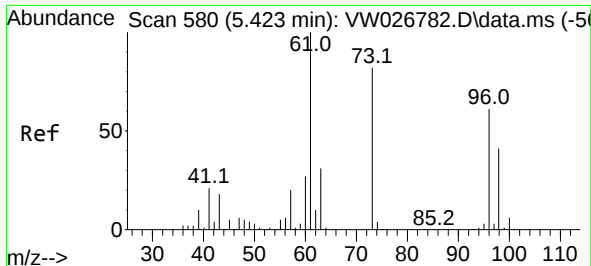
Tgt Ion: 43 Resp: 91070
Ion Ratio Lower Upper
43 100
74 21.9 16.4 24.6



#16
Methylene chloride
Concen: 23.558 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion: 84 Resp: 195976
Ion Ratio Lower Upper
84 100
86 62.0 43.5 80.9
49 130.0 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 26.238 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

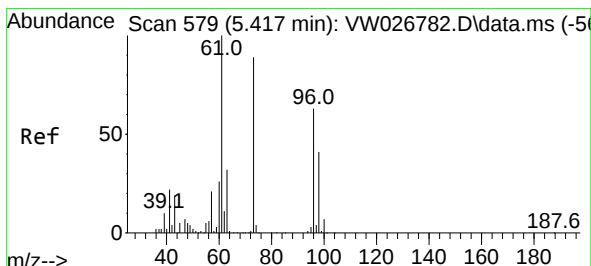
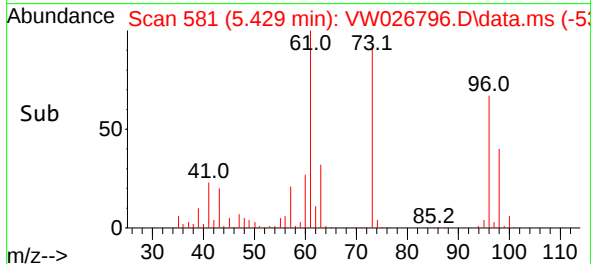
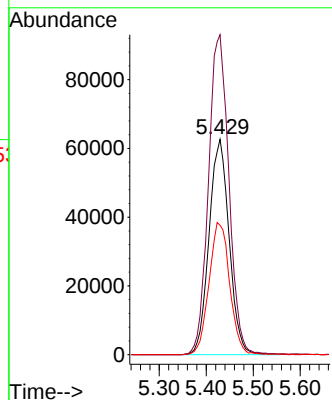
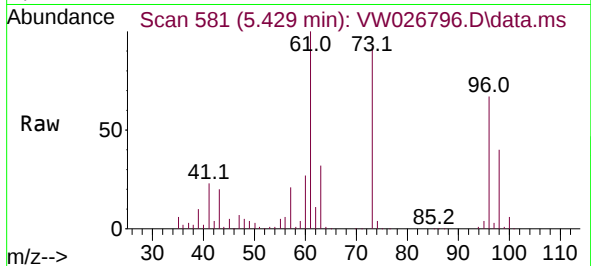
Tgt Ion: 96 Resp: 186107

Ion Ratio Lower Upper

96 100

61 148.6 109.4 203.2

98 60.1 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 27.508 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.012 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

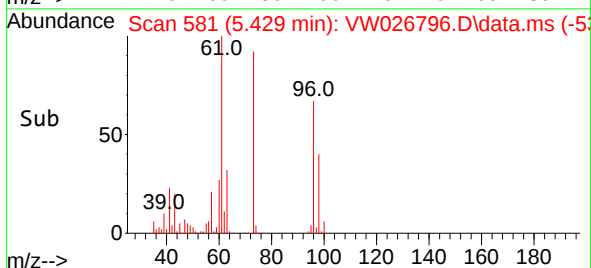
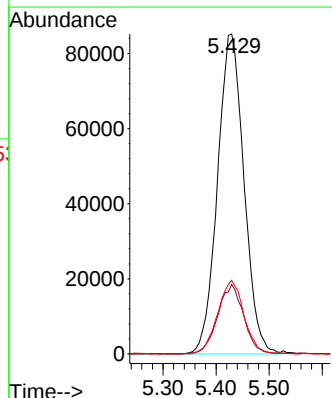
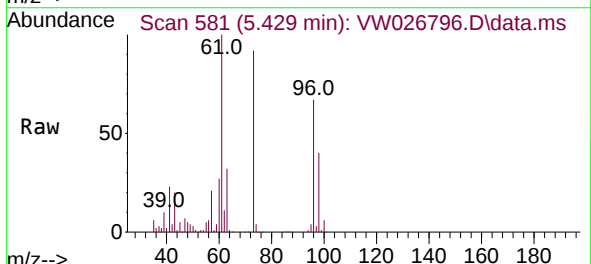
Tgt Ion: 73 Resp: 295233

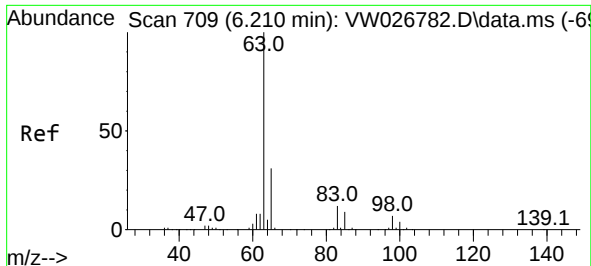
Ion Ratio Lower Upper

73 100

43 21.1 18.0 27.0

57 22.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.724 ug/L

RT: 6.216 min Scan# 709

Delta R.T. 0.006 min

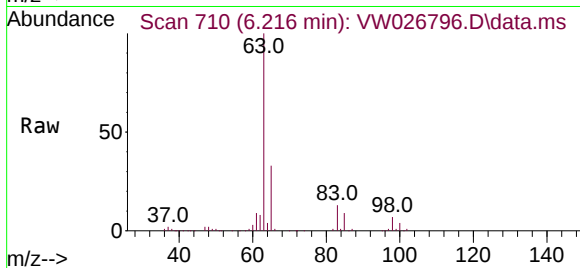
Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :



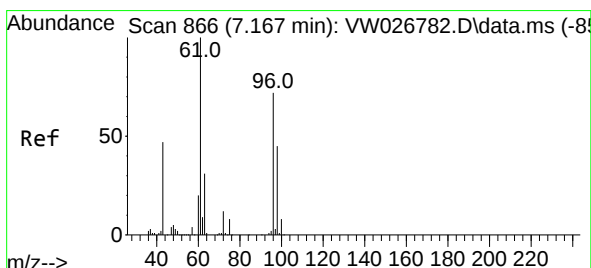
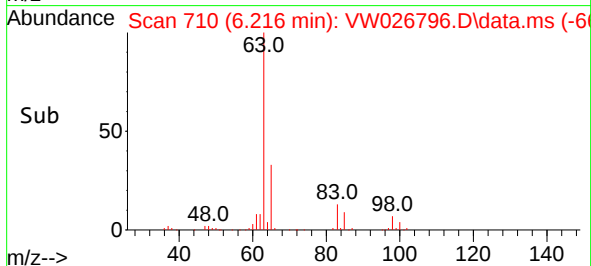
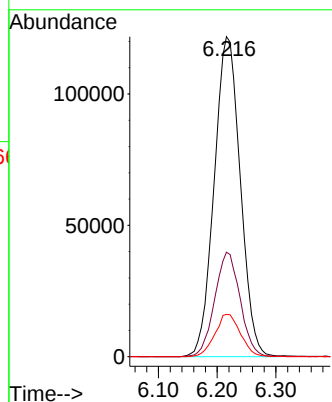
Tgt Ion: 63 Resp: 375527

Ion Ratio Lower Upper

63 100

65 32.7 21.8 40.6

83 13.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 26.951 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

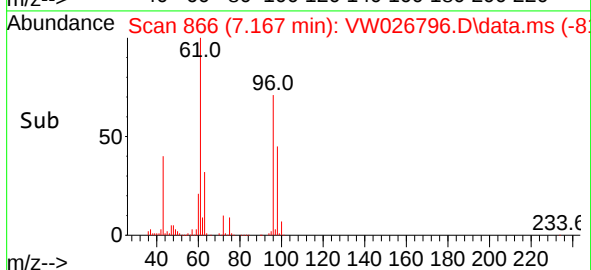
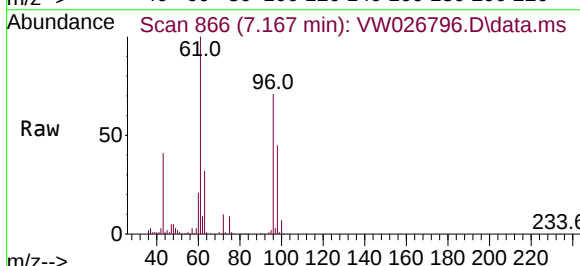
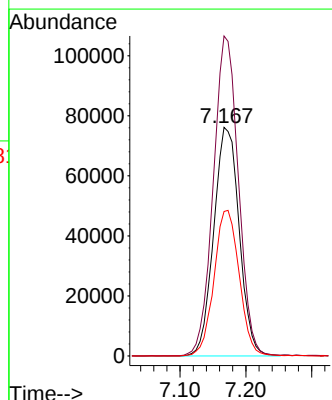
Tgt Ion: 96 Resp: 205476

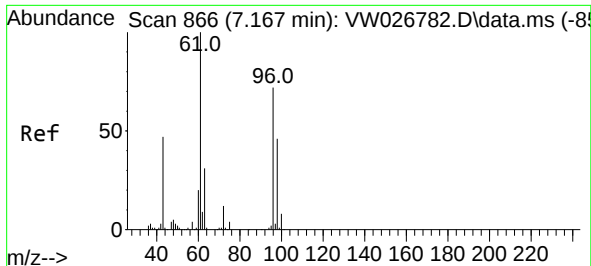
Ion Ratio Lower Upper

96 100

61 140.0 101.2 188.0

98 63.2 43.8 81.3

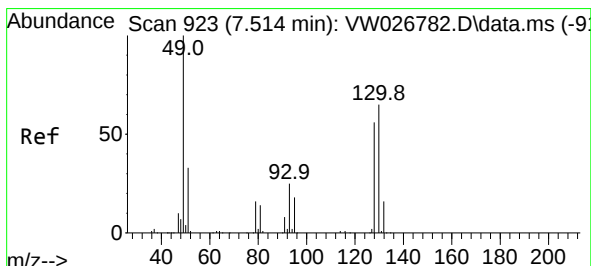
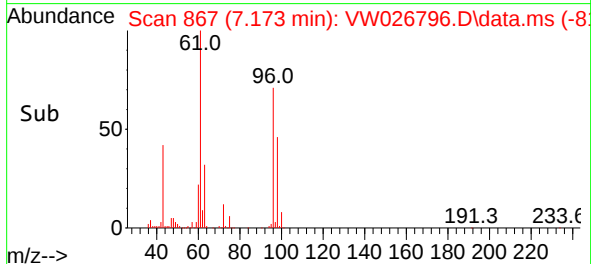
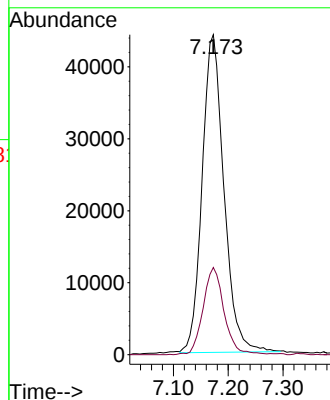
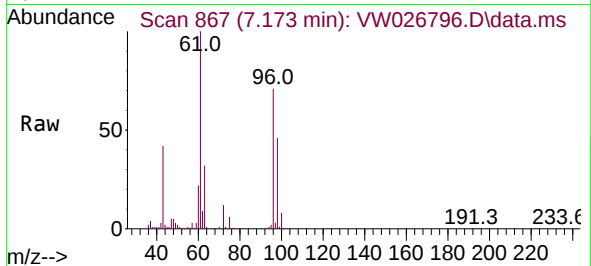




#22
2-Butanone
Concen: 40.905 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

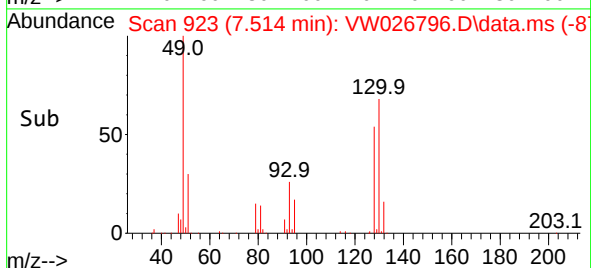
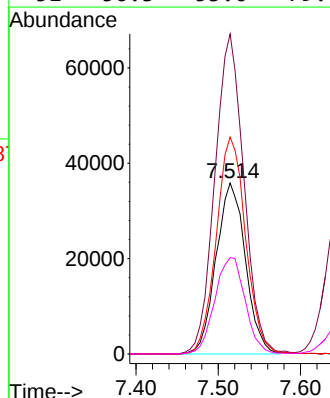
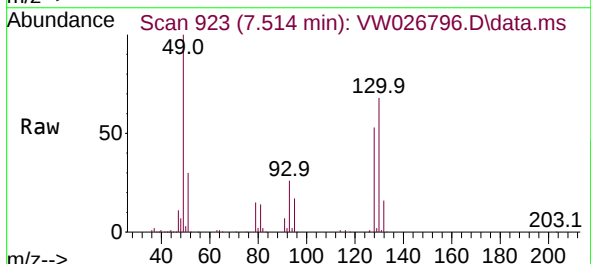
Instrument :
MSVOA_W
ClientSampleId :

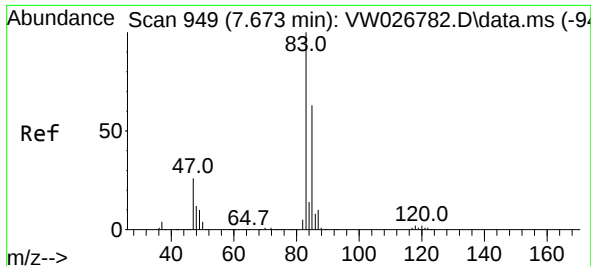
Tgt Ion: 43 Resp: 121788
Ion Ratio Lower Upper
43 100
72 26.2 11.8 35.4



#23
Bromochloromethane
Concen: 26.995 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

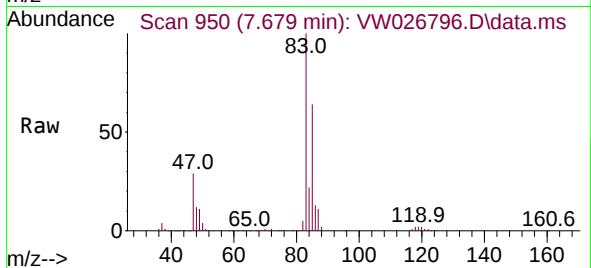
Tgt Ion: 128 Resp: 88905
Ion Ratio Lower Upper
128 100
49 187.1 143.1 265.7
130 126.9 91.8 170.4
51 56.3 53.0 79.4



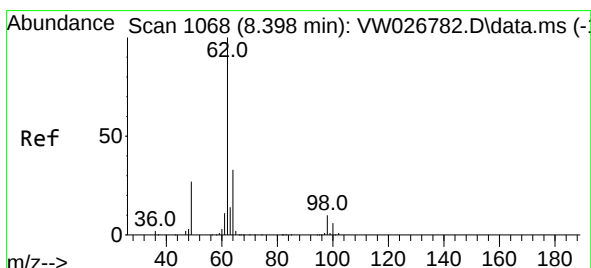
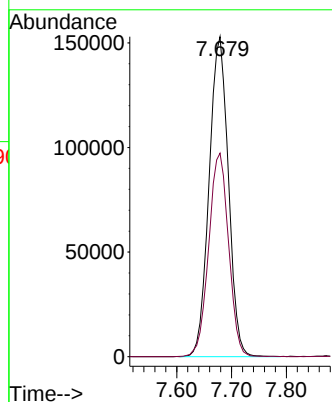
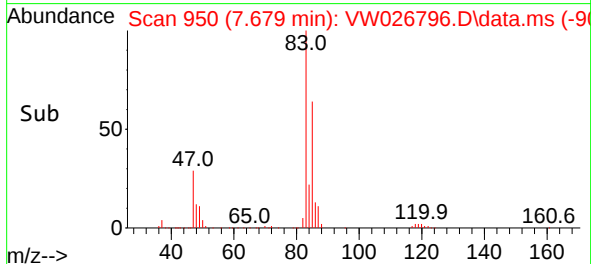


#25
Chloroform
Concen: 26.389 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Instrument :
MSVOA_W
ClientSampleId :

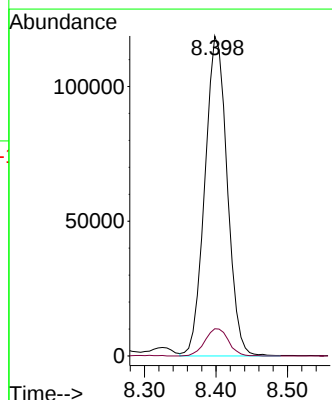
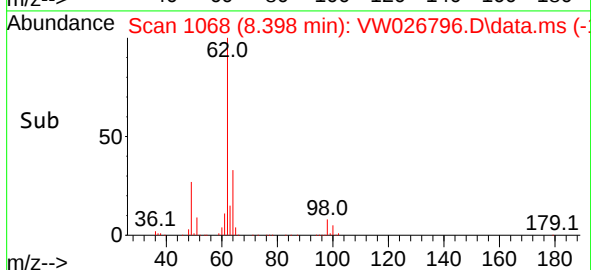
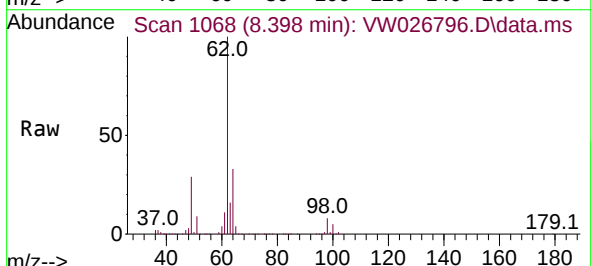


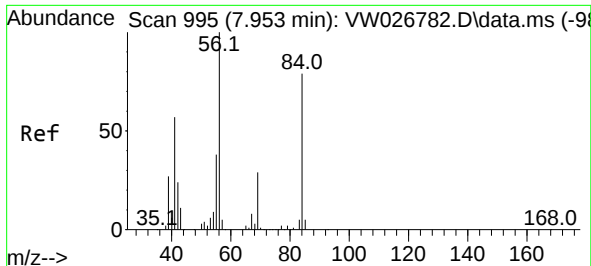
Tgt Ion: 83 Resp: 372179
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 26.212 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion: 62 Resp: 257895
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





#29

Cyclohexane

Concen: 24.923 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

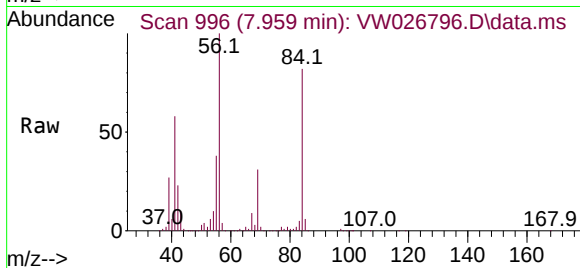
Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :



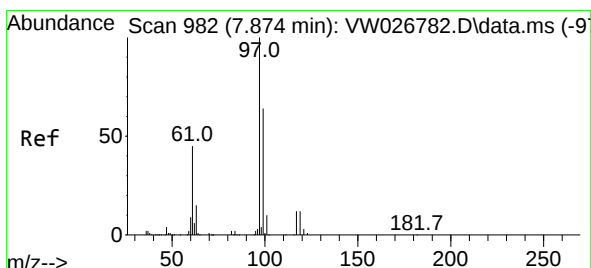
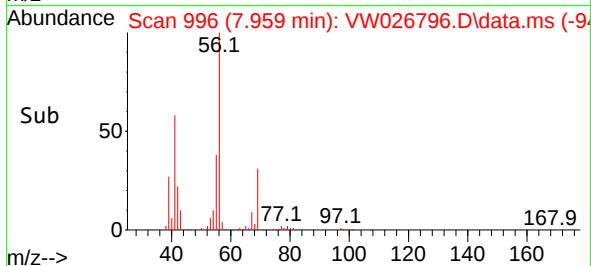
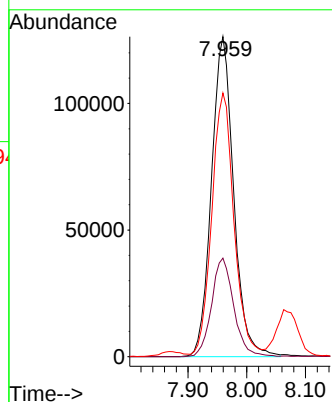
Tgt Ion: 56 Resp: 331585

Ion Ratio Lower Upper

56 100

69 30.7 23.2 34.8

84 82.2 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 26.861 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

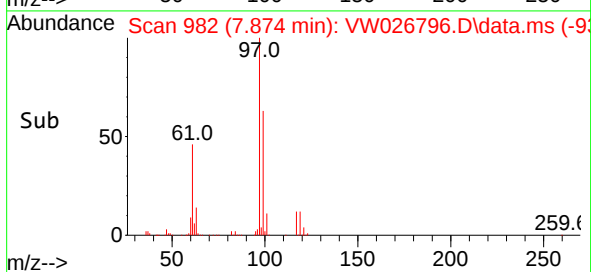
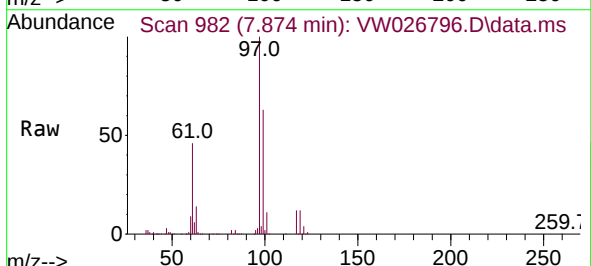
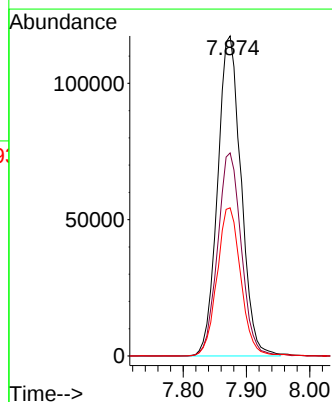
Tgt Ion: 97 Resp: 301596

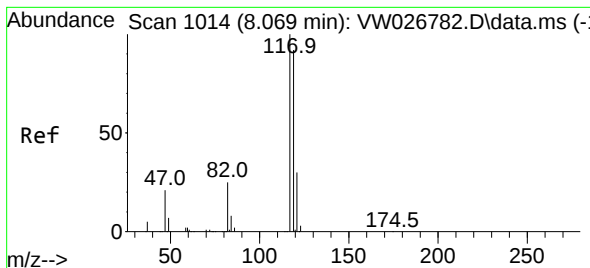
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 46.7 39.2 58.8





#31

Carbon tetrachloride

Concen: 26.841 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

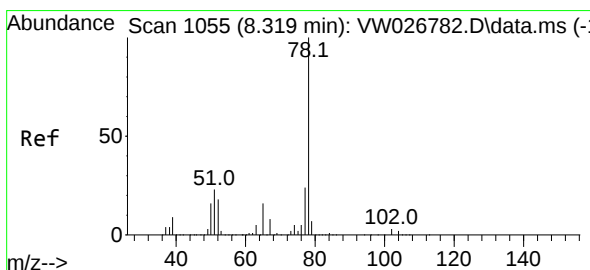
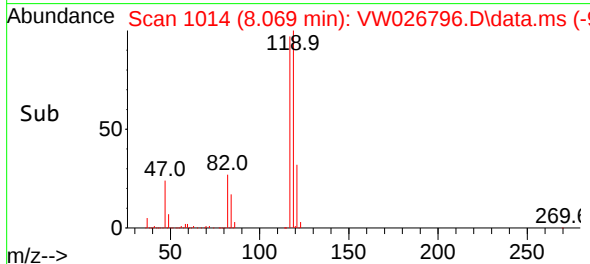
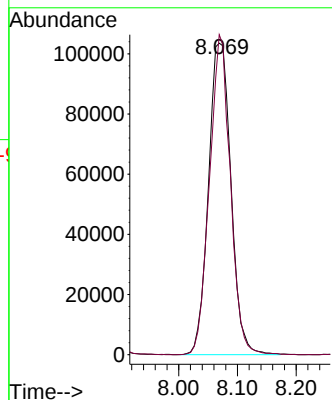
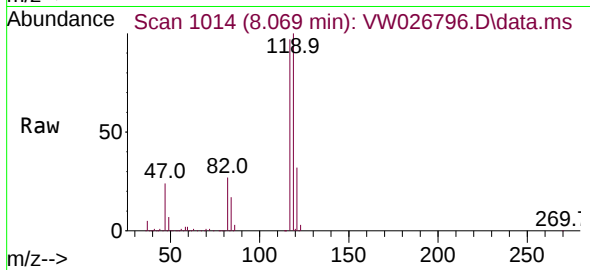
ClientSampleId :

Tgt Ion:117 Resp: 275553

Ion Ratio Lower Upper

117 100

119 95.2 73.0 109.4



#33

Benzene

Concen: 26.160 ug/L

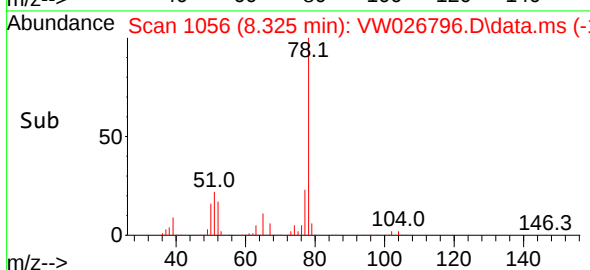
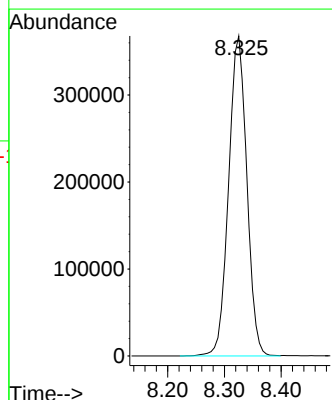
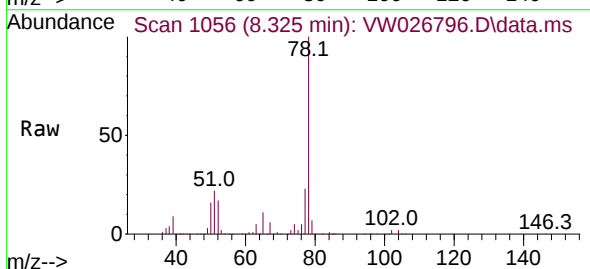
RT: 8.325 min Scan# 1056

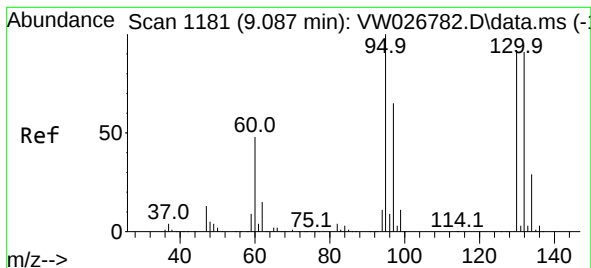
Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Tgt Ion: 78 Resp: 819566





#34

Trichloroethene

Concen: 26.162 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 208750

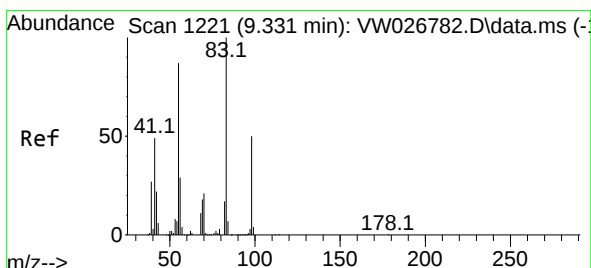
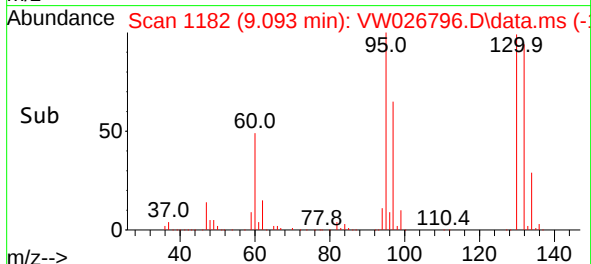
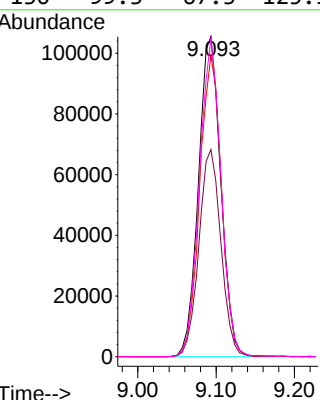
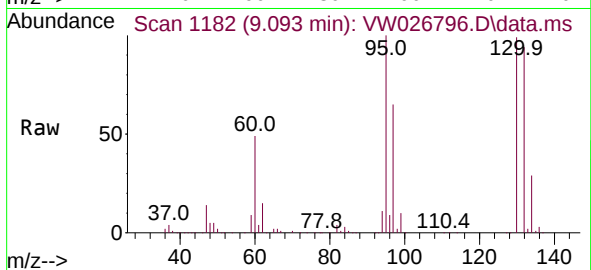
Ion Ratio Lower Upper

95 100

97 64.7 44.6 82.8

132 94.1 66.4 123.2

130 99.3 67.3 125.1



#35

Methylcyclohexane

Concen: 26.704 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

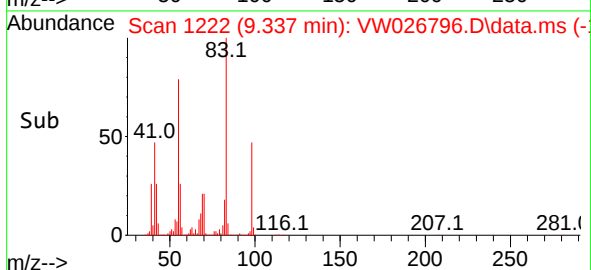
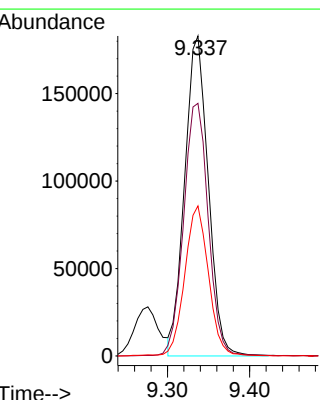
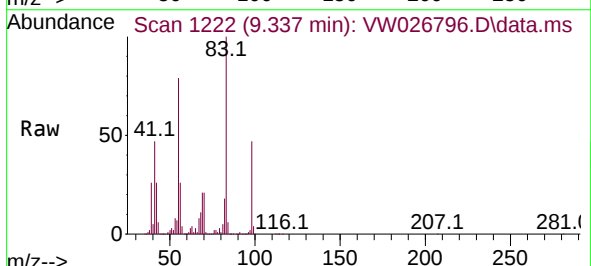
Tgt Ion: 83 Resp: 364513

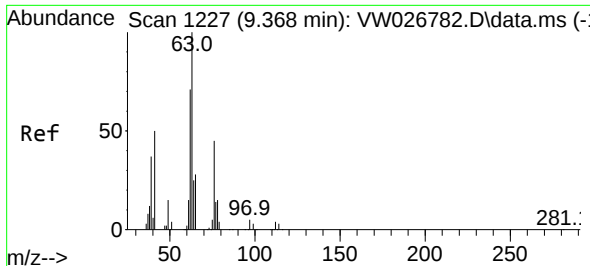
Ion Ratio Lower Upper

83 100

55 82.5 69.3 103.9

98 47.2 37.4 56.0





#37

1,2-Dichloropropane

Concen: 25.326 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

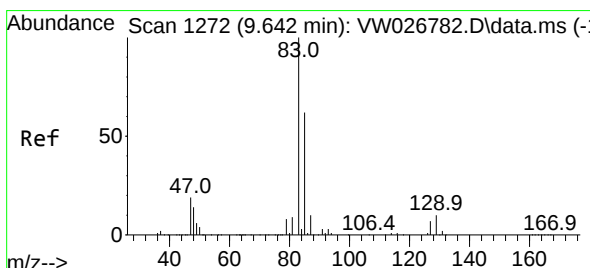
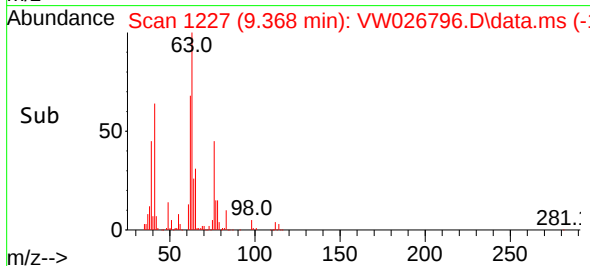
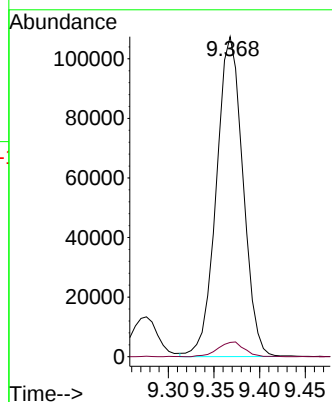
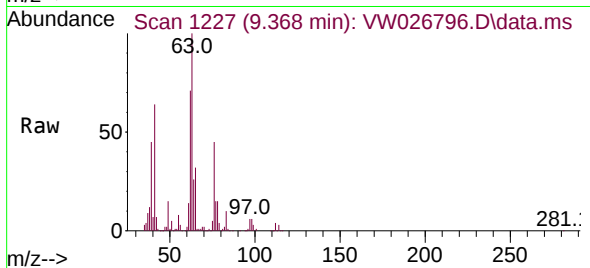
ClientSampleId :

Tgt Ion: 63 Resp: 217327

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 26.162 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

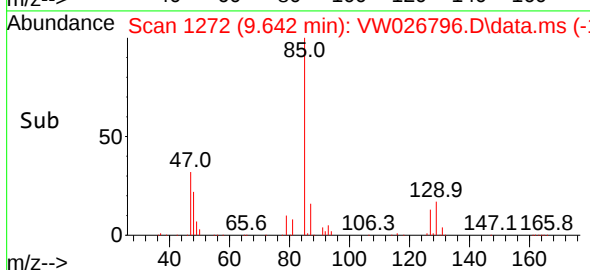
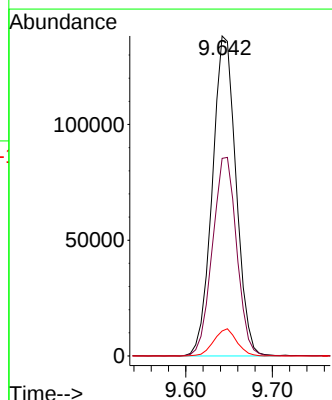
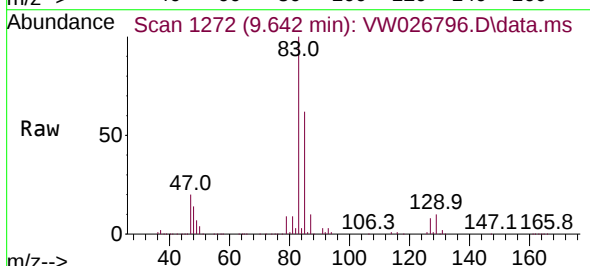
Tgt Ion: 83 Resp: 263365

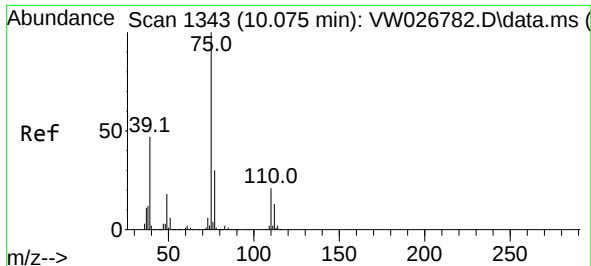
Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 26.911 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

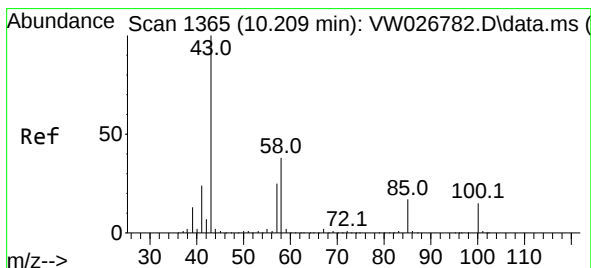
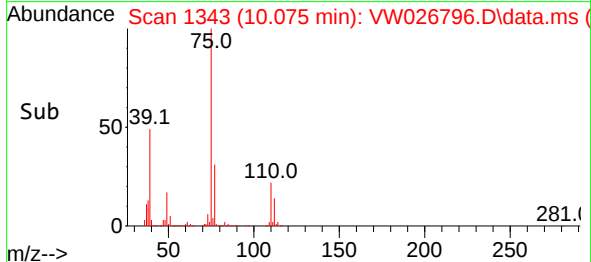
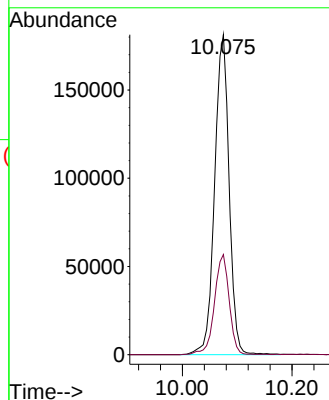
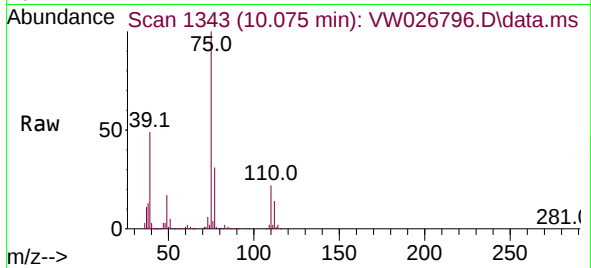
ClientSampleId :

Tgt Ion: 75 Resp: 332221

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 45.931 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

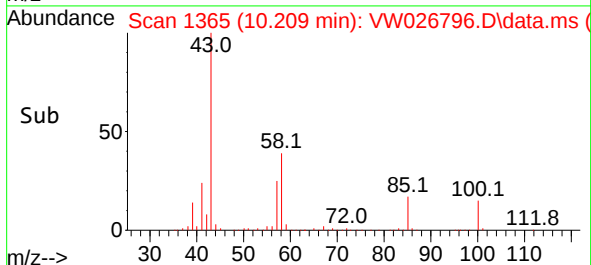
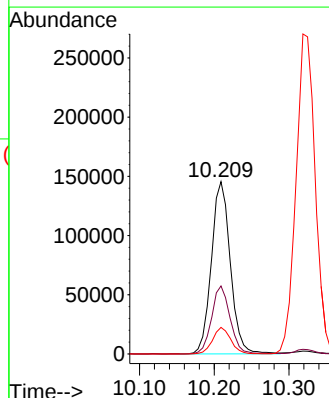
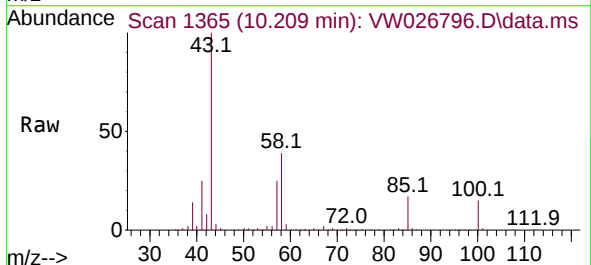
Tgt Ion: 43 Resp: 256386

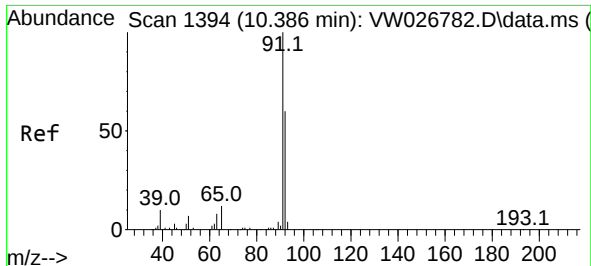
Ion Ratio Lower Upper

43 100

58 38.5 29.2 43.8

100 14.8 10.7 16.1

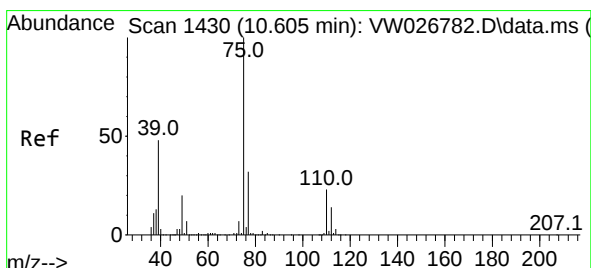
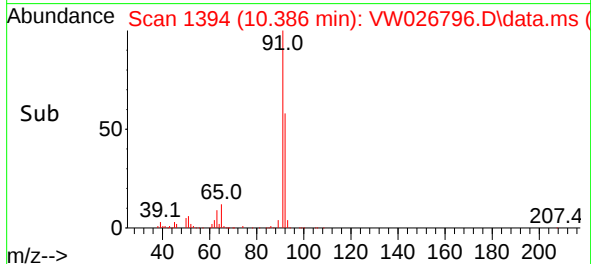
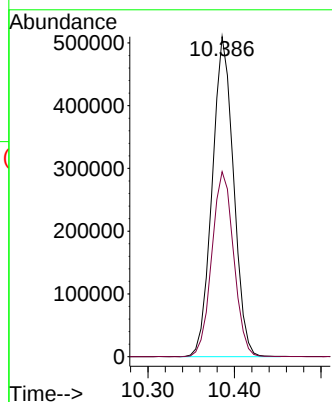
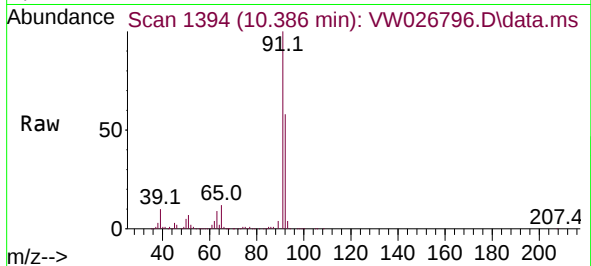




#42
Toluene
Concen: 27.590 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

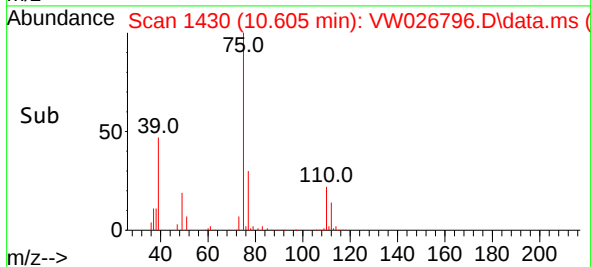
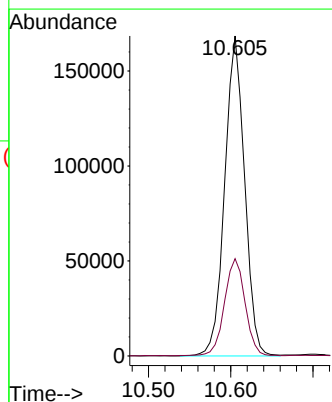
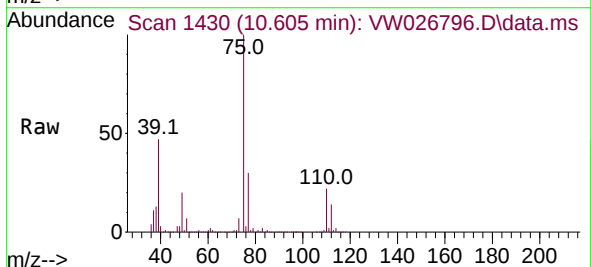
Instrument :
MSVOA_W
ClientSampleId :

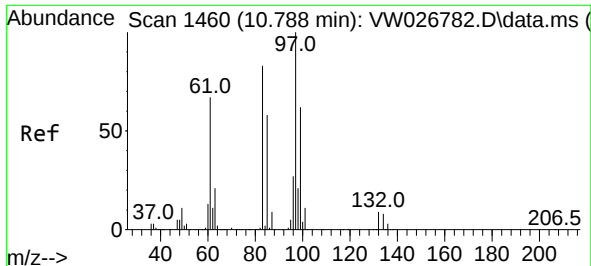
Tgt Ion: 91 Resp: 874390
Ion Ratio Lower Upper
91 100
92 57.8 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.729 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion: 75 Resp: 284020
Ion Ratio Lower Upper
75 100
77 30.4 21.2 39.4

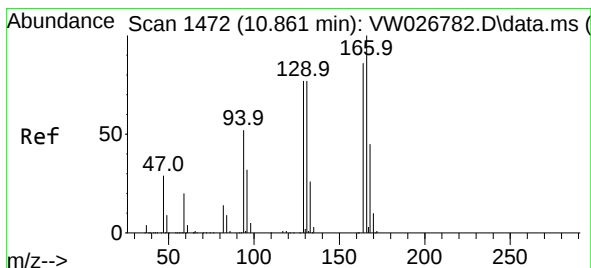
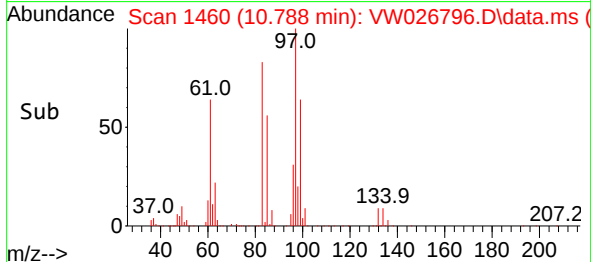
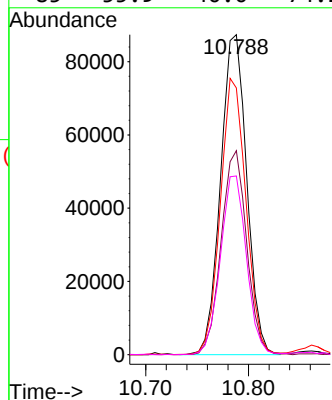
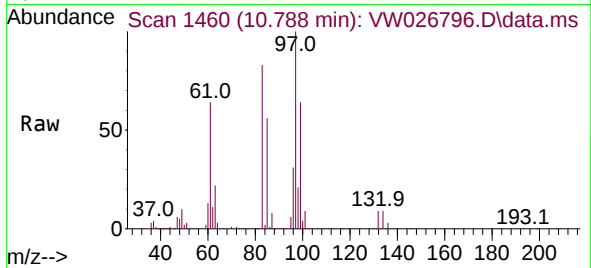




#45
1,1,2-Trichloroethane
Concen: 26.302 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

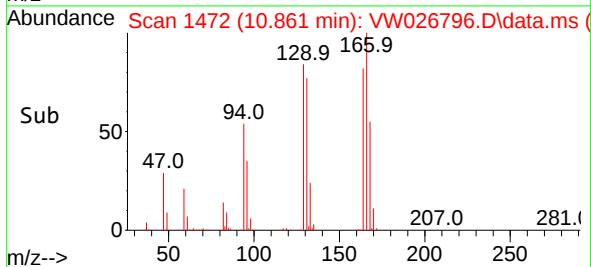
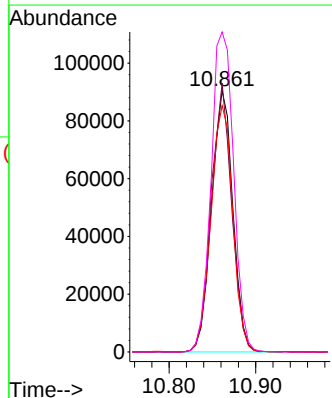
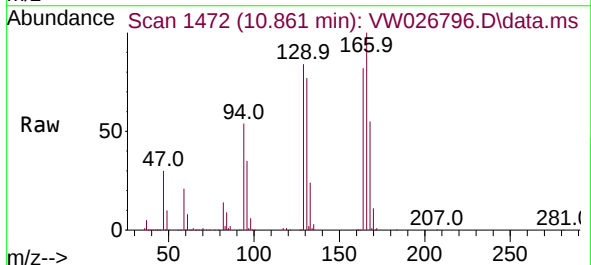
Instrument :
MSVOA_W
ClientSampleId :

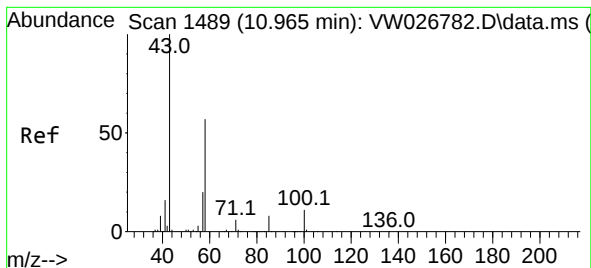
Tgt Ion: 97 Resp: 154361
Ion Ratio Lower Upper
97 100
99 63.7 44.2 82.0
83 83.3 61.9 114.9
85 55.9 40.0 74.2



#46
Tetrachloroethene
Concen: 26.684 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion:164 Resp: 154682
Ion Ratio Lower Upper
164 100
129 102.7 68.1 126.5
131 94.2 65.5 121.7
166 122.4 89.1 165.5





#48

2-Hexanone

Concen: 48.788 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 185306

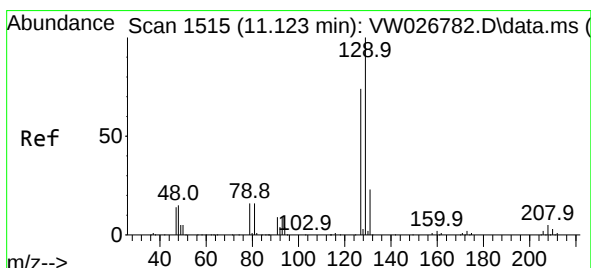
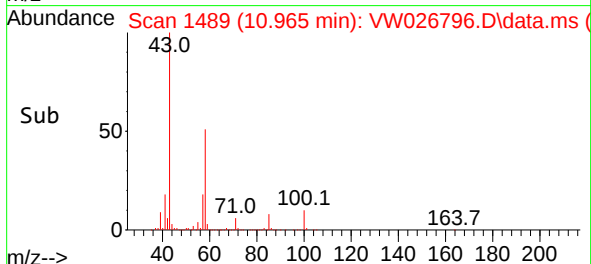
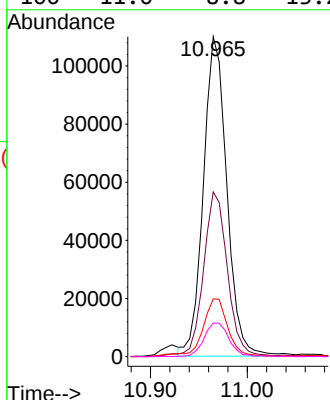
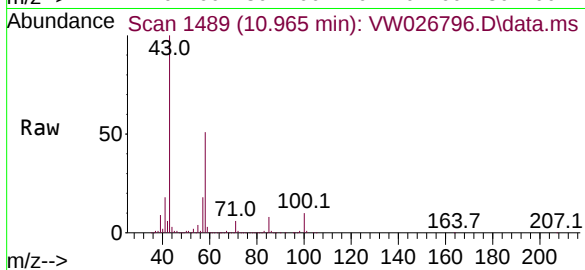
Ion Ratio Lower Upper

43 100

58 52.8 41.1 61.7

57 18.5 14.3 21.5

100 11.0 8.8 13.2



#49

Dibromochloromethane

Concen: 27.439 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026796.D

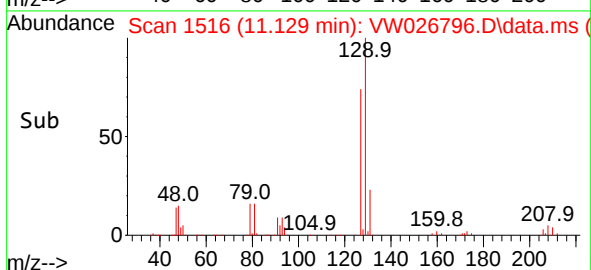
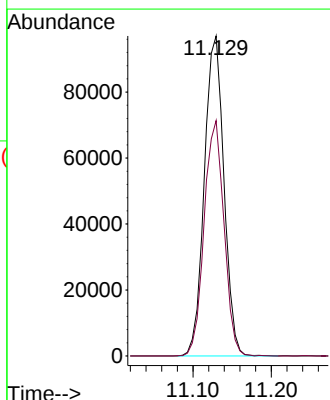
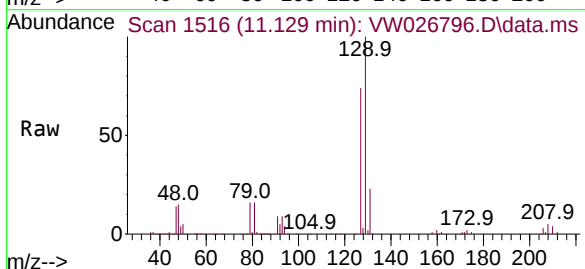
Acq: 22 Aug 2023 10:30

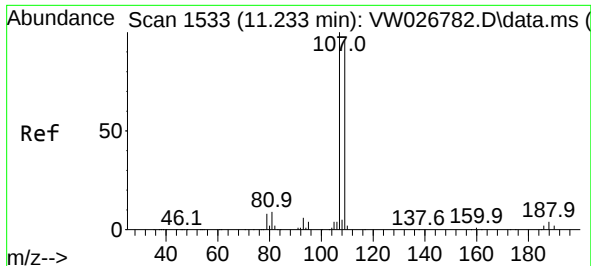
Tgt Ion:129 Resp: 168428

Ion Ratio Lower Upper

129 100

127 73.5 56.6 105.2





#50

1,2-Dibromoethane

Concen: 25.826 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

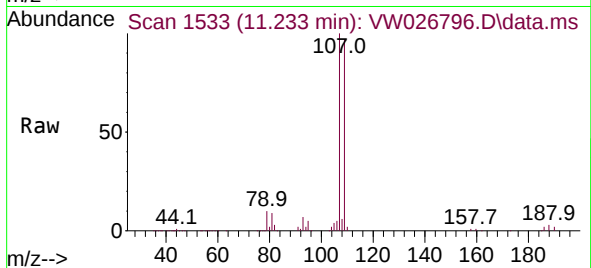
Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :



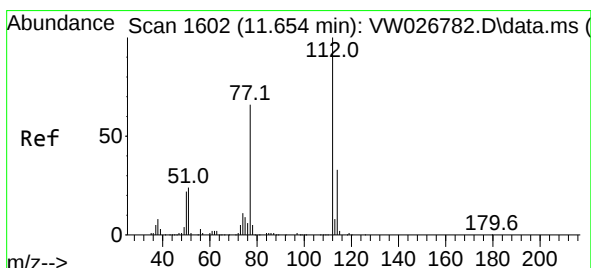
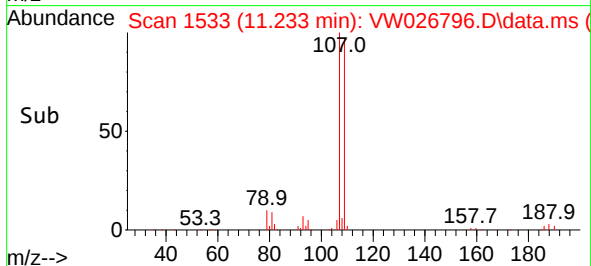
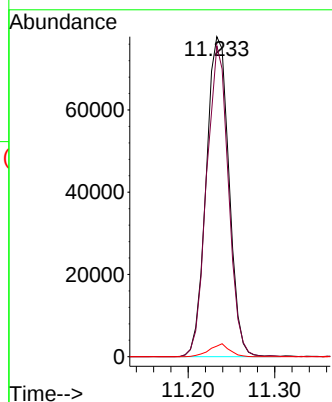
Tgt Ion:107 Resp: 142217

Ion Ratio Lower Upper

107 100

109 97.1 68.8 127.8

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 27.062 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

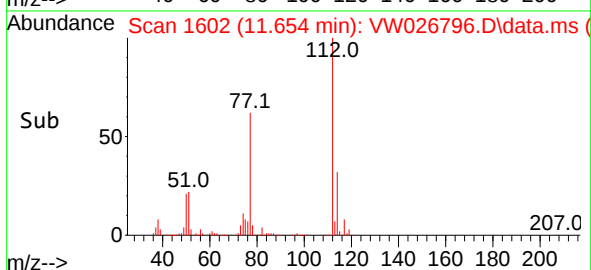
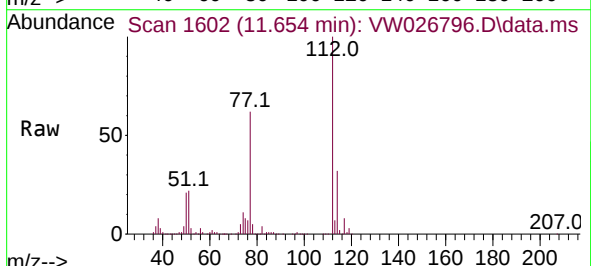
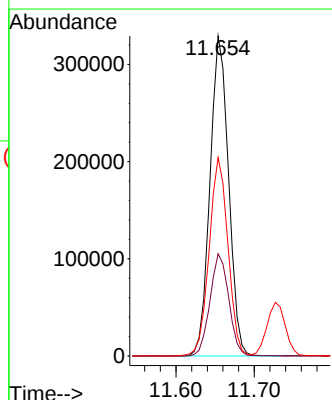
Tgt Ion:112 Resp: 541762

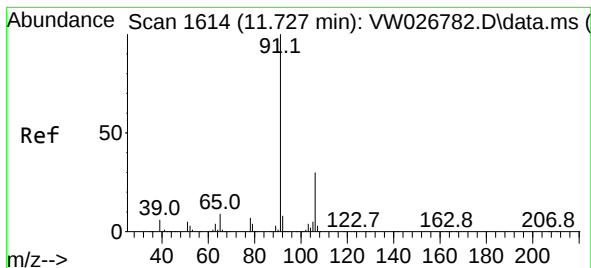
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 62.0 50.2 75.2

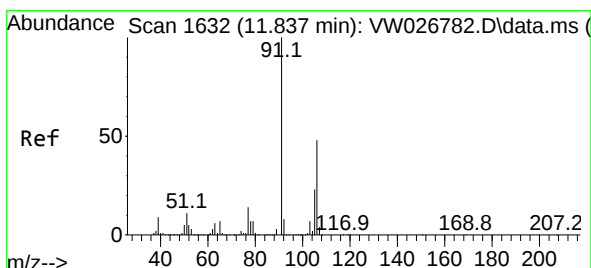
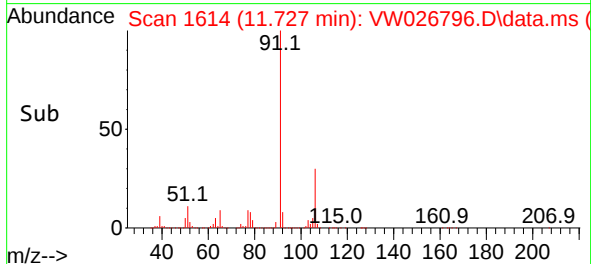
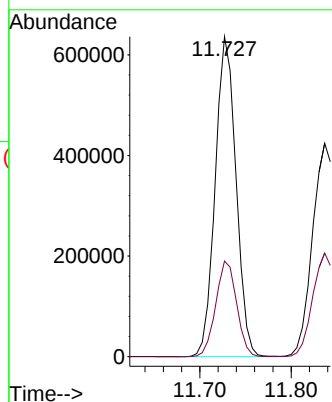
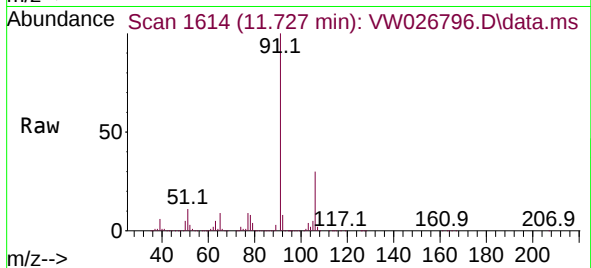




#52
Ethylbenzene
Concen: 28.346 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

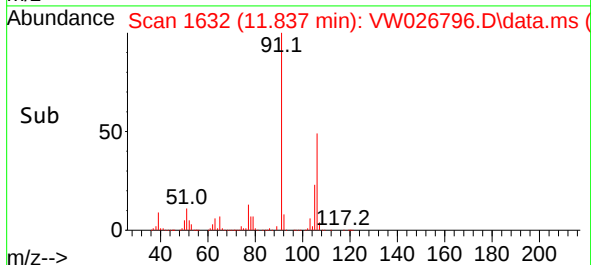
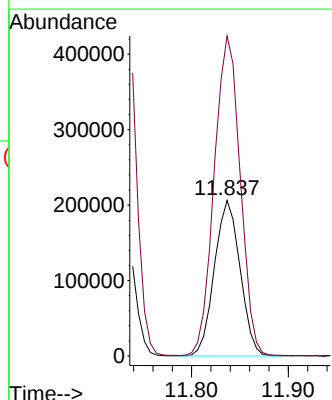
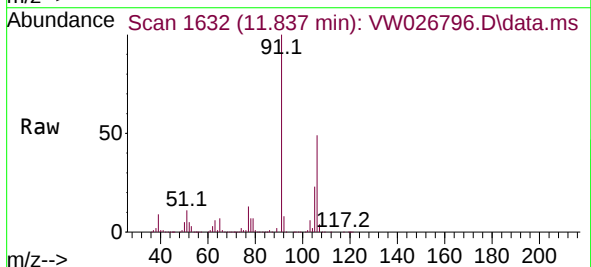
Instrument :
MSVOA_W
ClientSampleId :

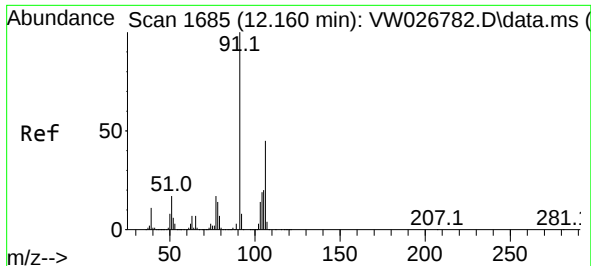
Tgt Ion: 91 Resp: 1007418
Ion Ratio Lower Upper
91 100
106 29.9 20.2 37.6



#53
m,p-Xylene
Concen: 28.850 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion:106 Resp: 379848
Ion Ratio Lower Upper
106 100
91 205.7 152.9 284.1

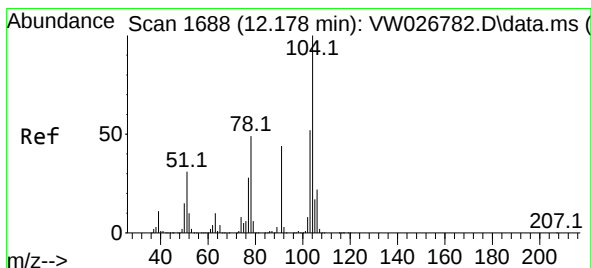
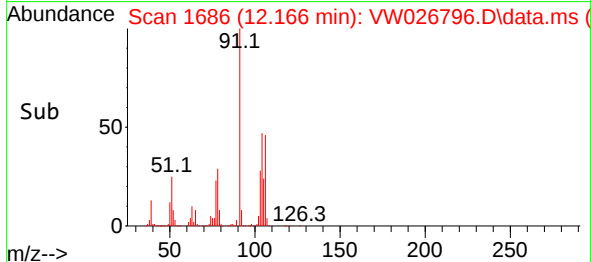
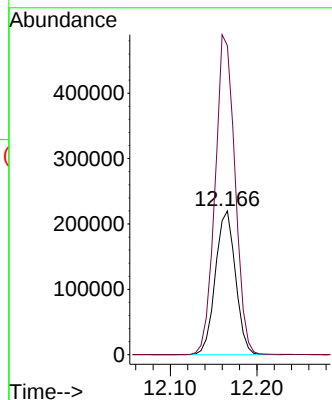
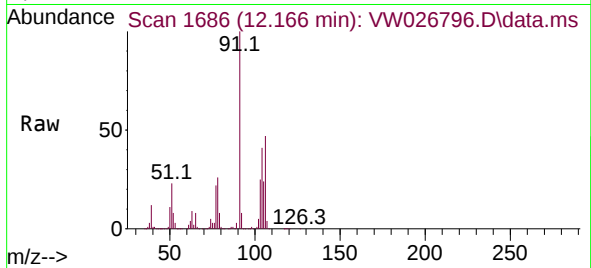




#54
o-Xylene
Concen: 28.834 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

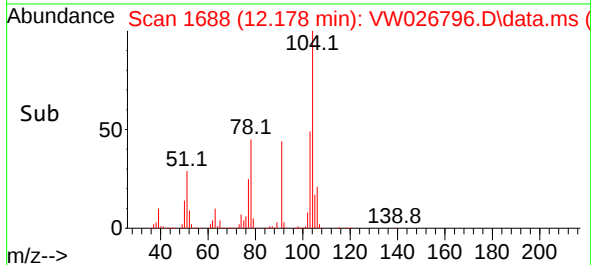
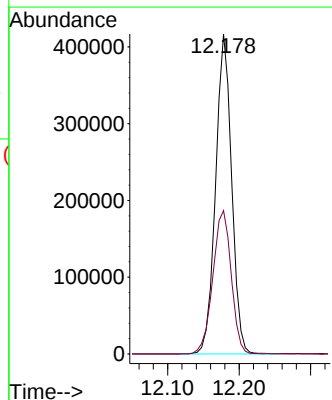
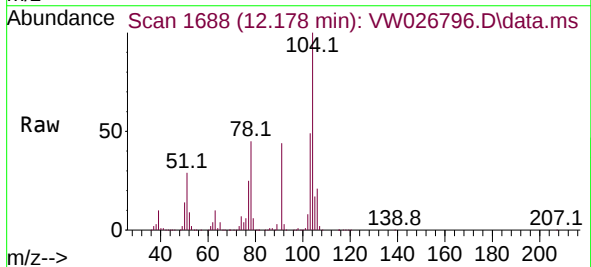
Instrument :
MSVOA_W
ClientSampleId :

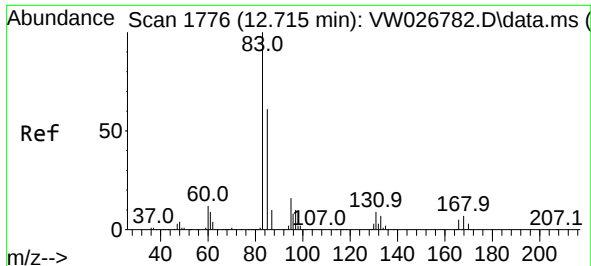
Tgt Ion:106 Resp: 354315
Ion Ratio Lower Upper
106 100
91 214.8 149.9 278.3



#55
Styrene
Concen: 30.324 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion:104 Resp: 647890
Ion Ratio Lower Upper
104 100
78 44.8 33.0 61.2

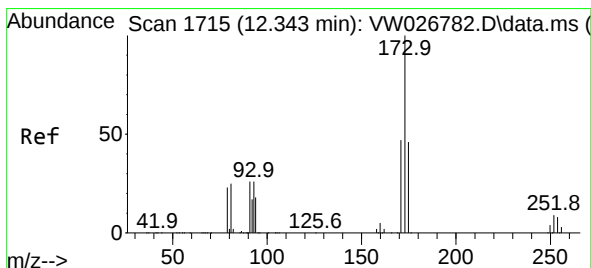
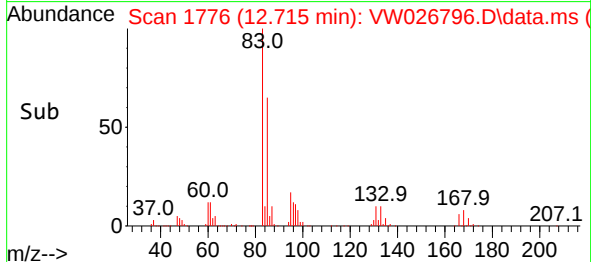
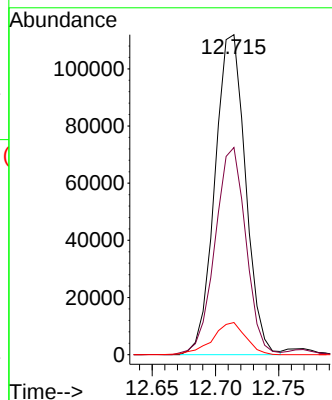
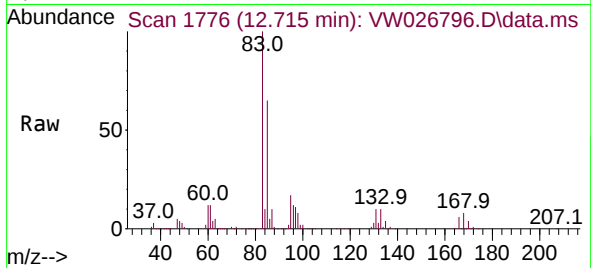




#57
1,1,2,2-Tetrachloroethane
Concen: 25.322 ug/L
RT: 12.715 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

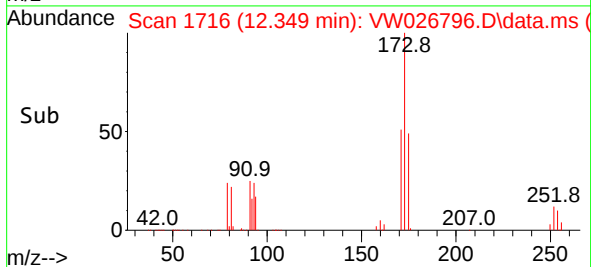
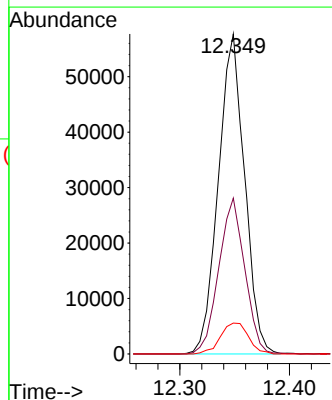
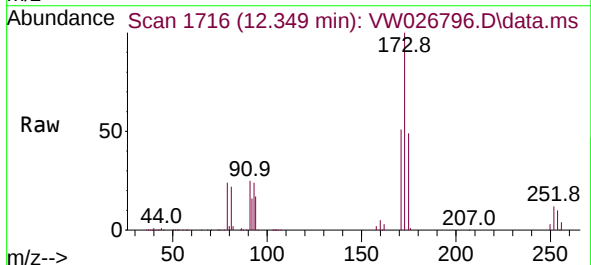
Instrument :
MSVOA_W
ClientSampleId :

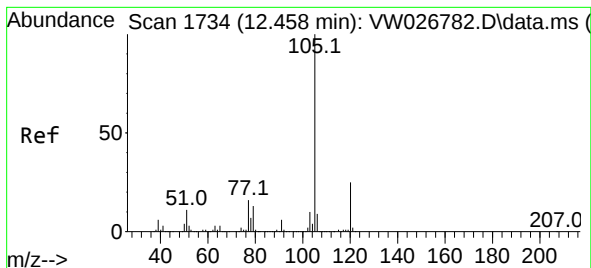
Tgt Ion: 83 Resp: 188214
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.3
131 10.1 7.4 11.0



#59
Bromoform
Concen: 25.654 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

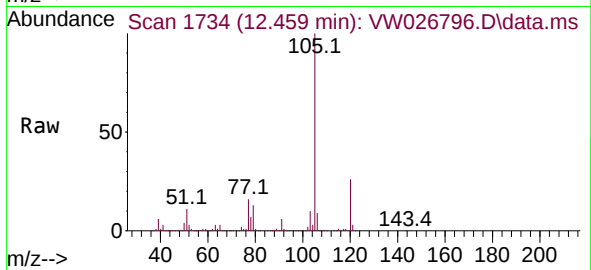
Tgt Ion:173 Resp: 95954
Ion Ratio Lower Upper
173 100
175 48.3 36.6 55.0
254 10.4 7.8 11.6



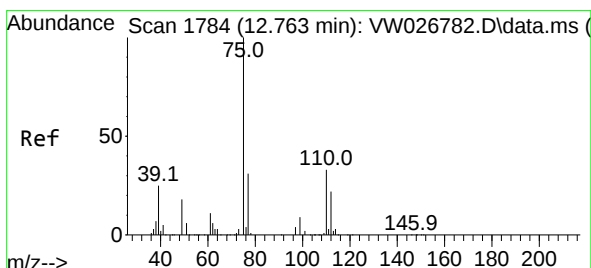
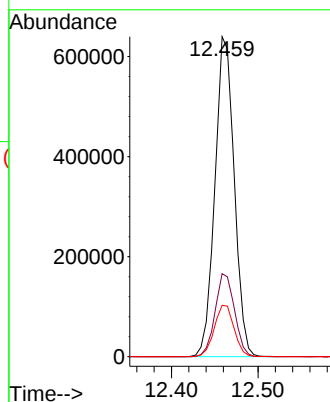
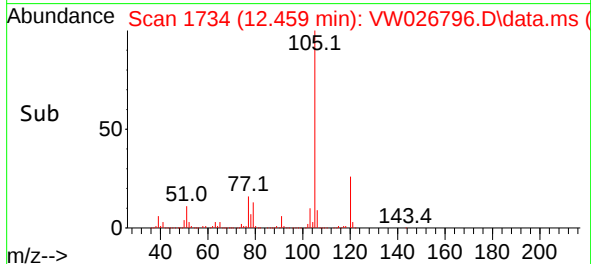


#60
Isopropylbenzene
Concen: 27.957 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

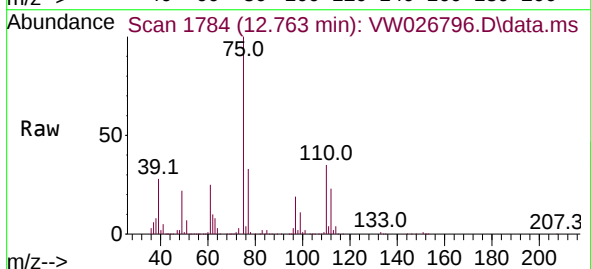
Instrument :
MSVOA_W
ClientSampleId :



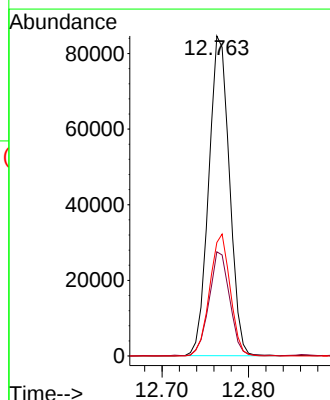
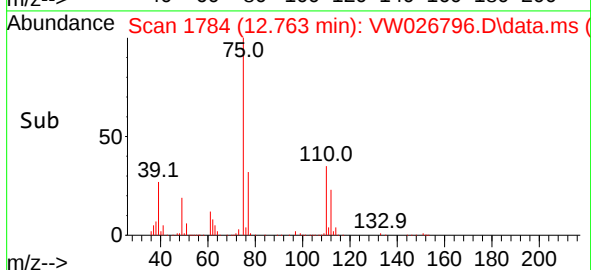
Tgt Ion:105 Resp: 992439
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.4 13.4 20.2

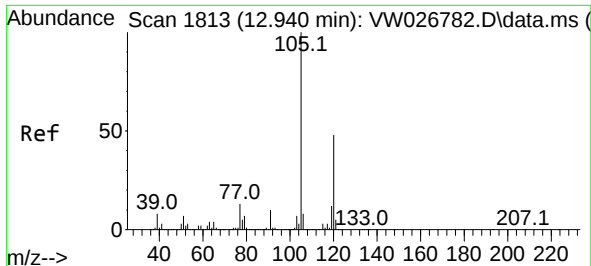


#61
1,2,3-Trichloropropane
Concen: 24.239 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30



Tgt Ion: 75 Resp: 140384
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 37.8 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 29.119 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

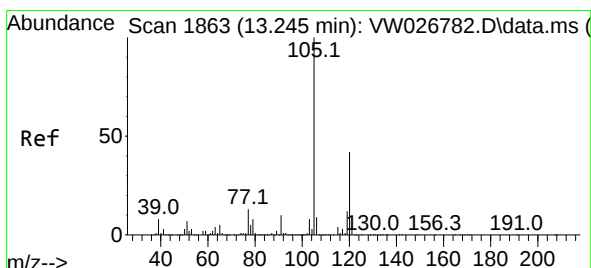
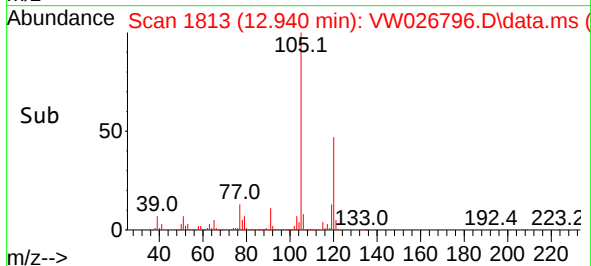
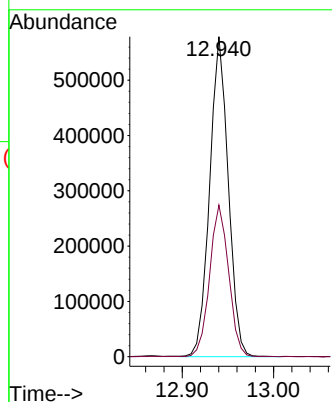
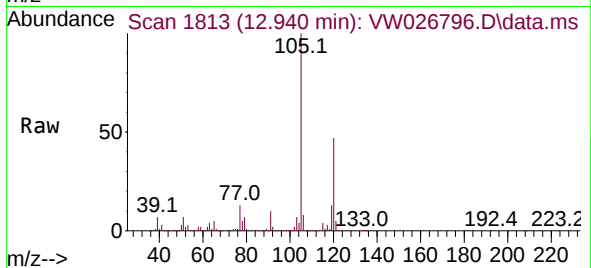
ClientSampleId :

Tgt Ion:105 Resp: 817018

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 30.232 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026796.D

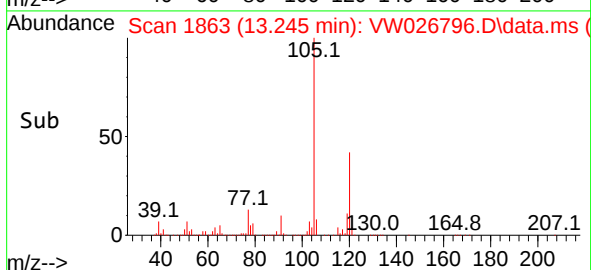
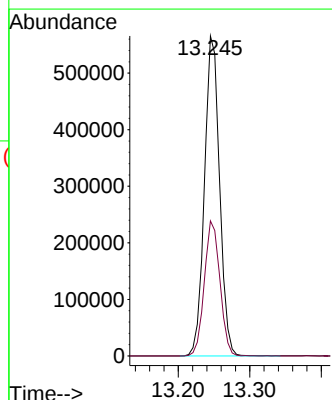
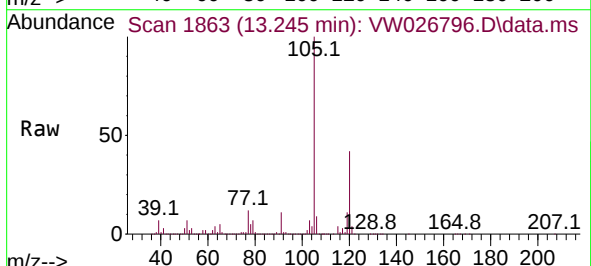
Acq: 22 Aug 2023 10:30

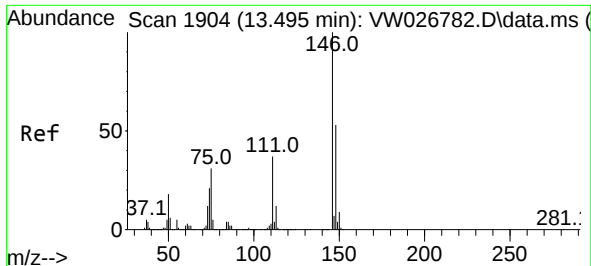
Tgt Ion:105 Resp: 831221

Ion Ratio Lower Upper

105 100

120 43.4 36.2 54.4

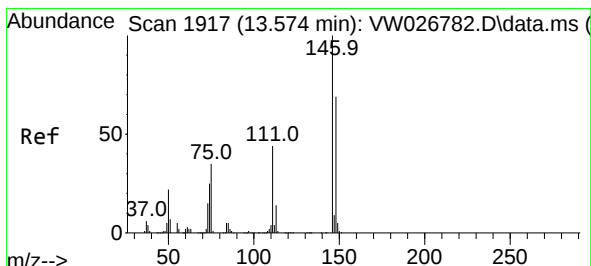
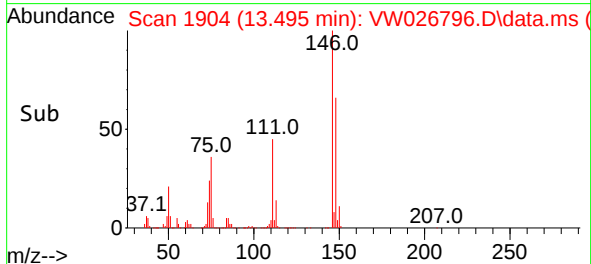
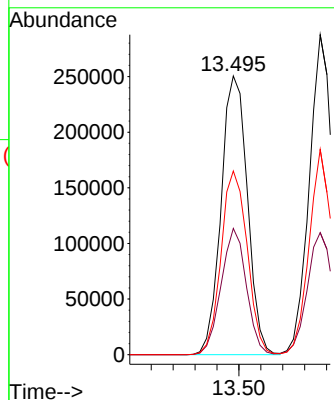
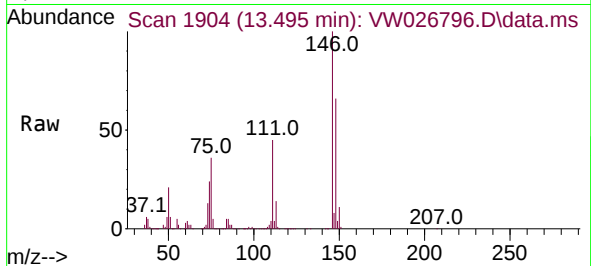




#64
1,3-Dichlorobenzene
Concen: 27.045 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

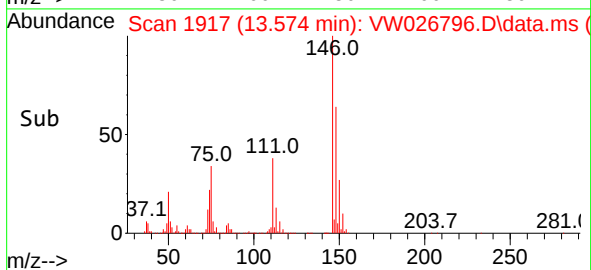
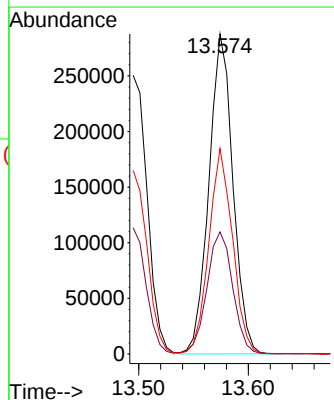
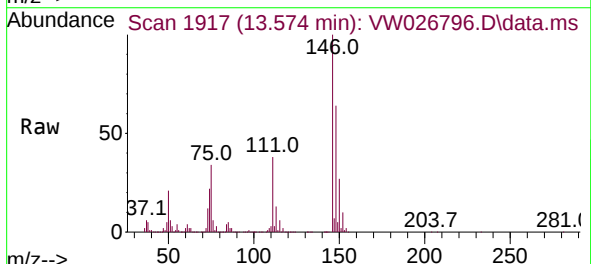
Instrument :
MSVOA_W
ClientSampleId :

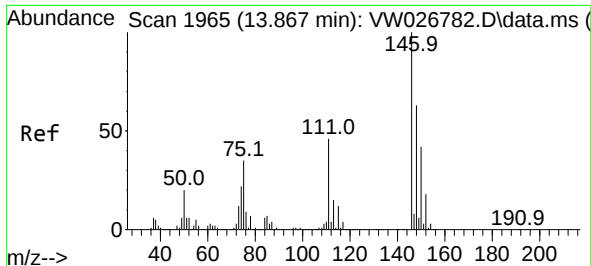
Tgt Ion:146 Resp: 417527
Ion Ratio Lower Upper
146 100
111 45.3 29.1 54.1
148 65.9 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 27.187 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026796.D
Acq: 22 Aug 2023 10:30

Tgt Ion:146 Resp: 438021
Ion Ratio Lower Upper
146 100
111 38.1 28.3 52.7
148 64.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 27.570 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

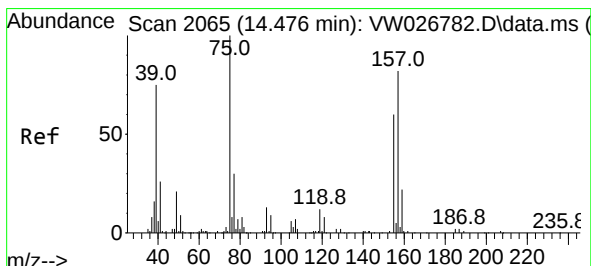
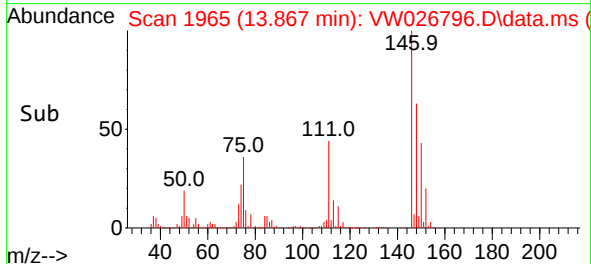
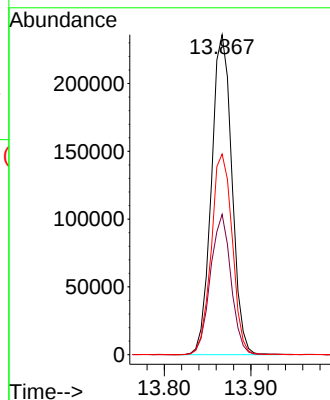
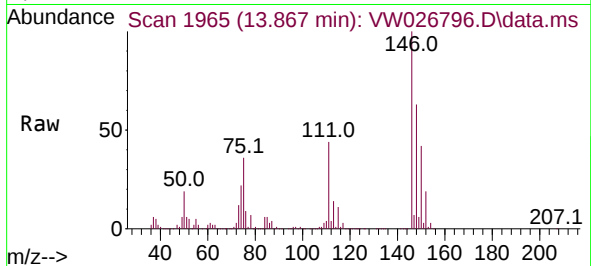
Tgt Ion:146 Resp: 387051

Ion Ratio Lower Upper

146 100

111 43.8 34.6 52.0

148 62.7 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.585 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

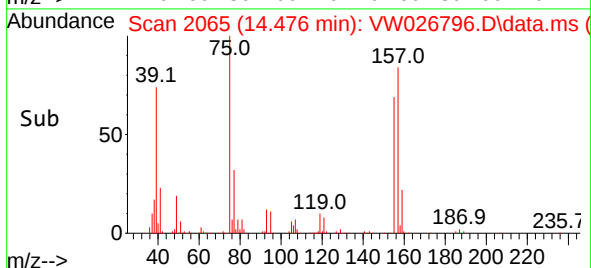
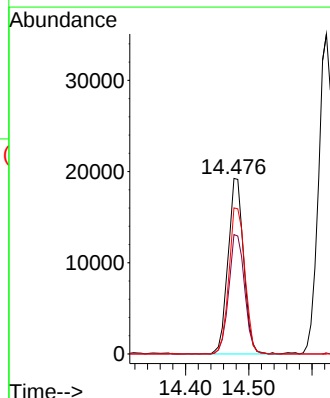
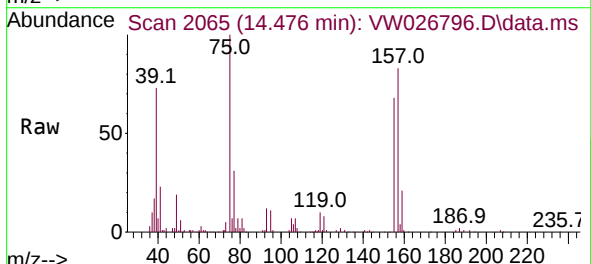
Tgt Ion: 75 Resp: 32930

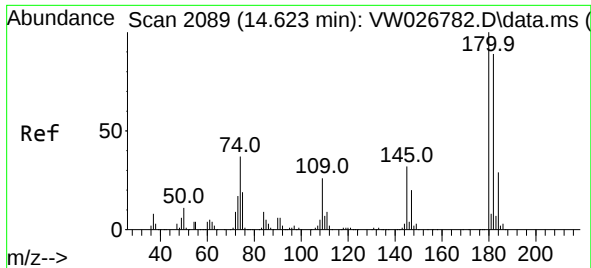
Ion Ratio Lower Upper

75 100

155 68.0 55.0 82.6

157 83.3 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 26.014 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

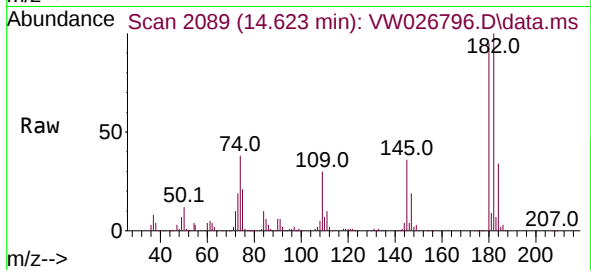
Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 271329

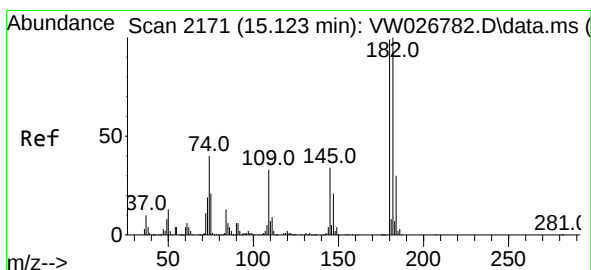
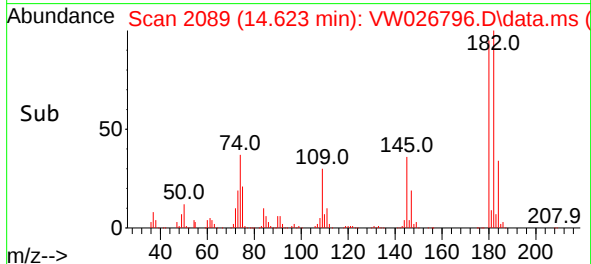
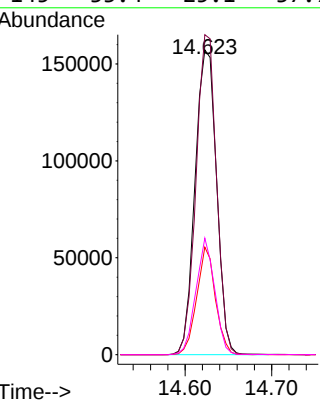
Ion Ratio Lower Upper

180 100

182 99.9 75.2 112.8

184 30.7 23.8 35.8

145 33.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.537 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

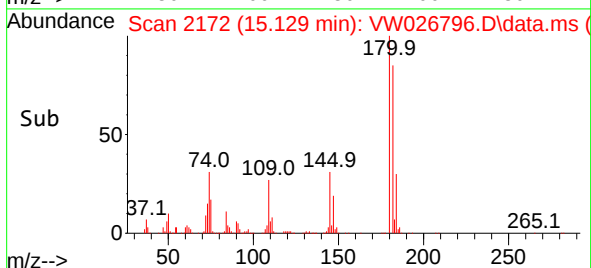
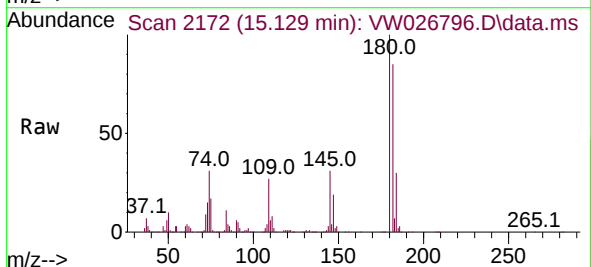
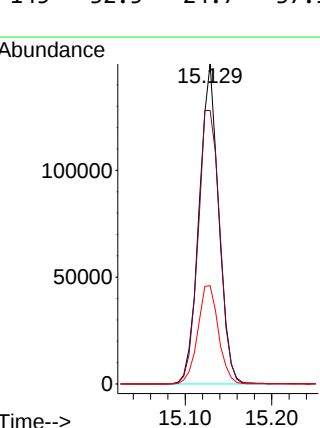
Tgt Ion:180 Resp: 234676

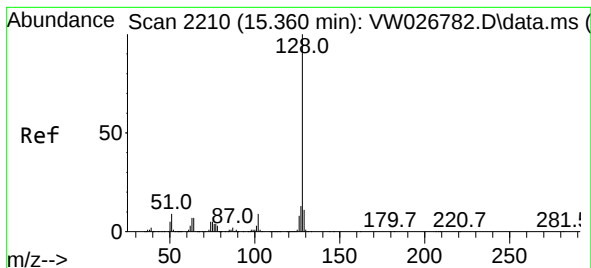
Ion Ratio Lower Upper

180 100

182 95.1 72.5 108.7

145 32.5 24.7 37.1





#71

Naphthalene

Concen: 27.212 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Instrument :

MSVOA_W

ClientSampleId :

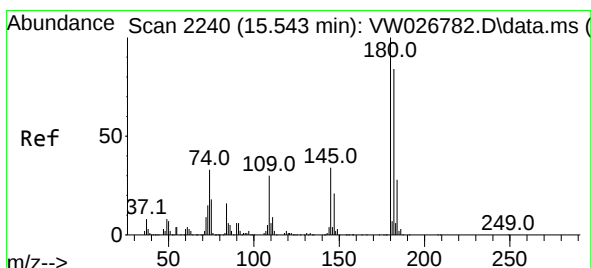
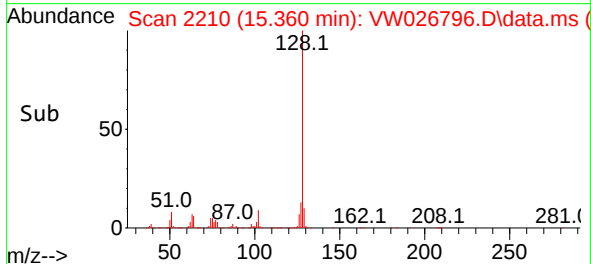
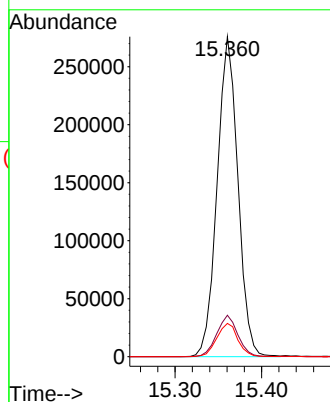
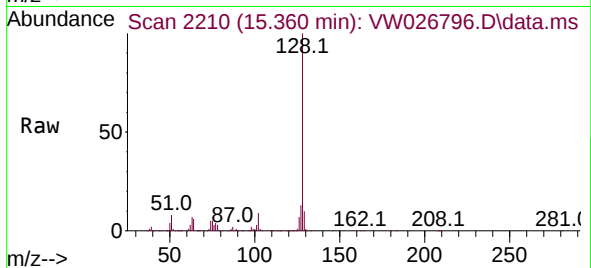
Tgt Ion:128 Resp: 459033

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.718 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026796.D

Acq: 22 Aug 2023 10:30

Tgt Ion:180 Resp: 213107

Ion Ratio Lower Upper

180 100

182 97.0 74.6 112.0

145 34.0 27.0 40.6

