

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
 Data File : VW026991.D
 Acq On : 05 Sep 2023 10:46
 Operator : SY/MD
 Sample : VSTD02530
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 06 01:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 06 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	643618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	614457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	337606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	270277	23.505	ug/L	0.00
7) Chloroethane-d5	2.893	69	232259	25.027	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	100654	23.587	ug/L	0.00
21) 2-Butanone-d5	7.081	46	101112	46.398	ug/L	0.00
24) Chloroform-d	7.648	84	487157	25.436	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	243218	24.161	ug/L	0.00
32) Benzene-d6	8.276	84	1024794	25.427	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	304193	25.712	ug/L	0.00
41) Toluene-d8	10.319	98	935123	25.627	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	113076	24.626	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	57092	51.684	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235742	25.674	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	300404	25.727	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	151629	20.425	ug/L	# 86
3) Chloromethane	2.229	50	298186	26.707	ug/L	100
5) Vinyl chloride	2.375	62	338865	26.601	ug/L	100
6) Bromomethane	2.783	94	219782	26.141	ug/L	100
8) Chloroethane	2.936	64	212743	26.608	ug/L	100
9) Trichlorofluoromethane	3.265	101	198356	26.874	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	248127	27.034	ug/L	100
12) 1,1-Dichloroethene	4.051	96	240562	26.454	ug/L	100
13) Acetone	4.118	43	84253	43.430	ug/L	100
14) Carbon disulfide	4.393	76	772191	26.475	ug/L	100
15) Methyl Acetate	4.673	43	104323	25.004	ug/L	# 89
16) Methylene chloride	4.923	84	267648	21.152	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	262044	26.328	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	369406	26.648	ug/L	100
19) 1,1-Dichloroethane	6.216	63	492137	26.231	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	286451	26.153	ug/L	100
22) 2-Butanone	7.167	43	141570	45.671	ug/L	100
23) Bromochloromethane	7.514	128	122573	25.787	ug/L	100
25) Chloroform	7.679	83	479957	26.082	ug/L	100
27) 1,2-Dichloroethane	8.398	62	312022	26.803	ug/L	100
29) Cyclohexane	7.959	56	452549	28.249	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	369788	26.568	ug/L	100
31) Carbon tetrachloride	8.069	117	338438	27.282	ug/L	100
33) Benzene	8.325	78	1130762	26.909	ug/L	100
34) Trichloroethene	9.093	95	282997	26.210	ug/L	100
35) Methylcyclohexane	9.337	83	506973	27.636	ug/L	100
37) 1,2-Dichloropropane	9.367	63	284645	26.544	ug/L	100
38) Bromodichloromethane	9.642	83	334606	26.495	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	434588	27.292	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	300527	54.283	ug/L	100
42) Toluene	10.386	91	1199309	27.733	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	356576	27.583	ug/L	100

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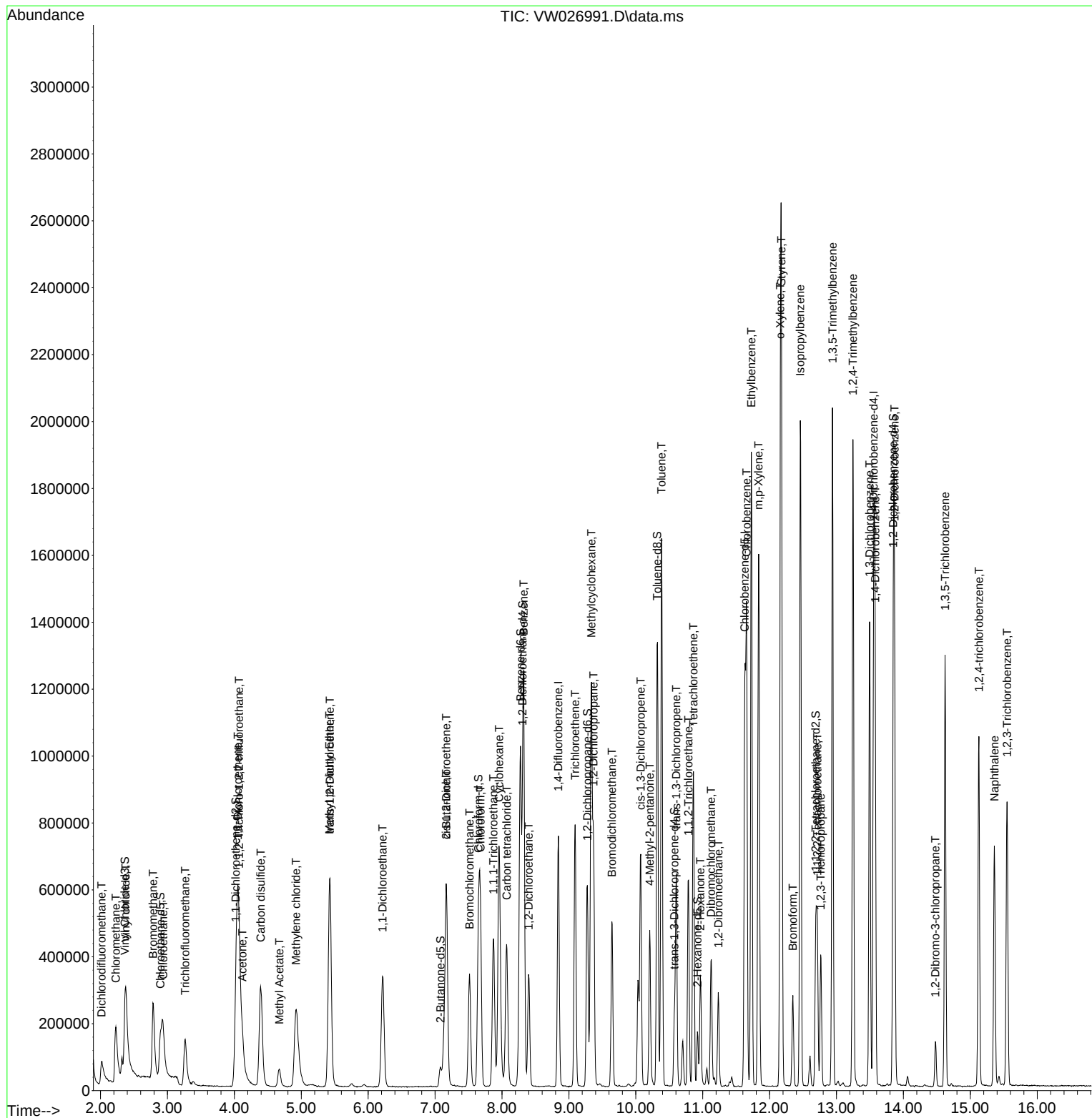
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	202424	26.204	ug/L	100
46) Tetrachloroethene	10.861	164	220146	26.710	ug/L	100
48) 2-Hexanone	10.965	43	208595	56.635	ug/L	100
49) Dibromochloromethane	11.123	129	209220	26.292	ug/L	100
50) 1,2-Dibromoethane	11.233	107	184400	26.366	ug/L	100
51) Chlorobenzene	11.654	112	738684	26.519	ug/L	100
52) Ethylbenzene	11.727	91	1318393	27.500	ug/L	100
53) m,p-Xylene	11.837	106	506571	27.933	ug/L	100
54) o-Xylene	12.160	106	470239	27.712	ug/L	100
55) Styrene	12.178	104	800171	27.630	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	245176	26.822	ug/L	100
59) Bromoform	12.349	173	128480	26.760	ug/L	100
60) Isopropylbenzene	12.458	105	1281443	27.708	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	168246	26.051	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1047502	28.384	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1020089	28.273	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	567921	26.993	ug/L	100
65) 1,4-Dichlorobenzene	13.580	146	572644	26.782	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	510739	26.943	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	36746	25.090	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	386176	26.423	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	318772	26.788	ug/L	100
71) Naphthalene	15.360	128	599647	28.479	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	296292	27.467	ug/L	100

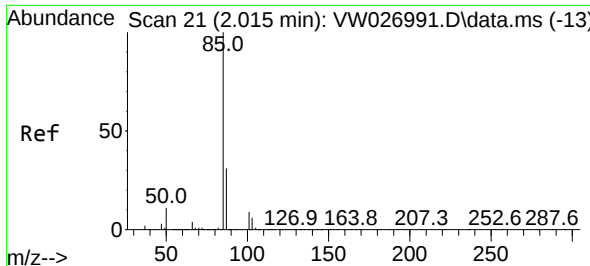
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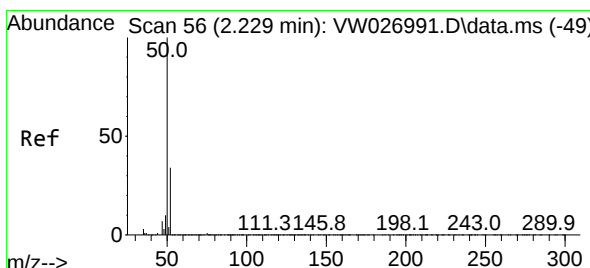
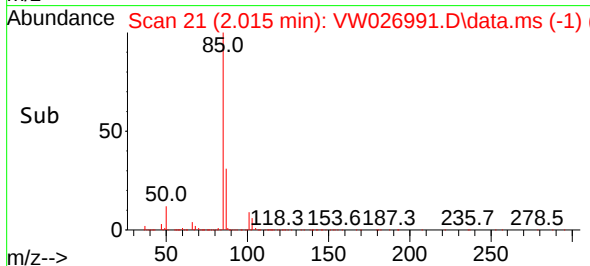
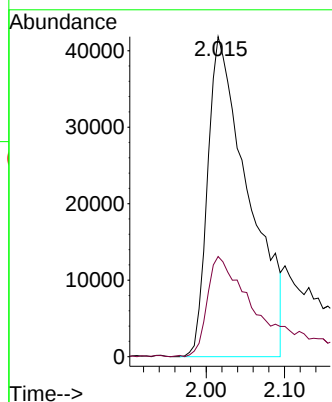
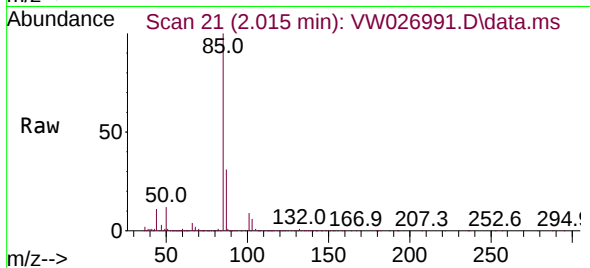




#2
 Dichlorodifluoromethane
 Concen: 20.425 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

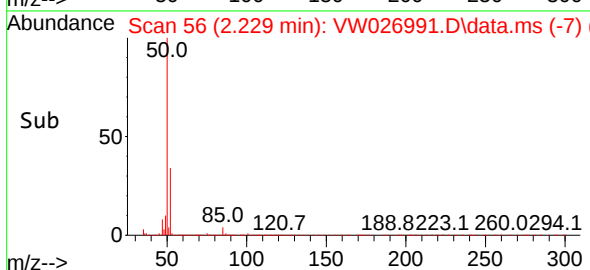
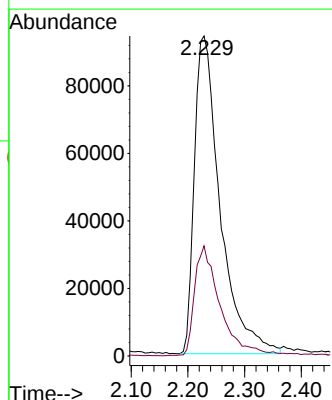
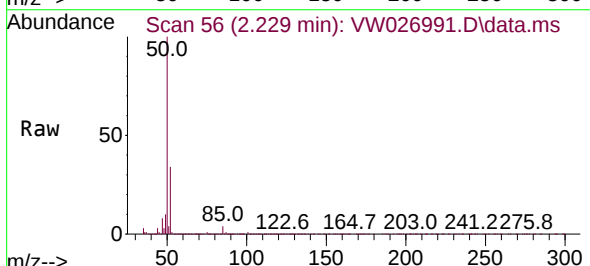
Instrument :
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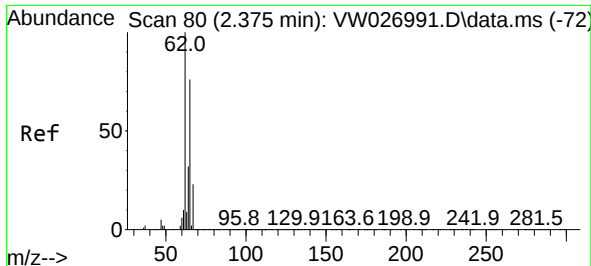
Tgt Ion: 85 Resp: 151629
 Ion Ratio Lower Upper
 85 100
 87 30.7 19.1 28.7#



#3
 Chloromethane
 Concen: 26.707 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

Tgt Ion: 50 Resp: 298186
 Ion Ratio Lower Upper
 50 100
 52 34.4 24.1 44.7

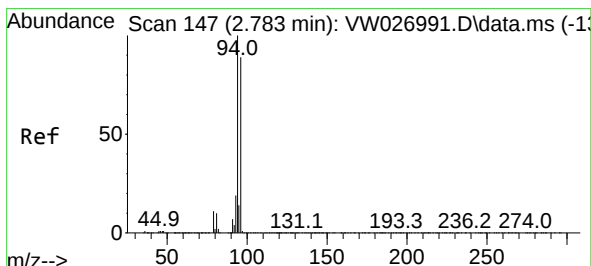
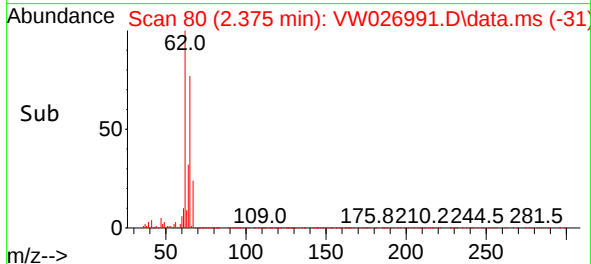
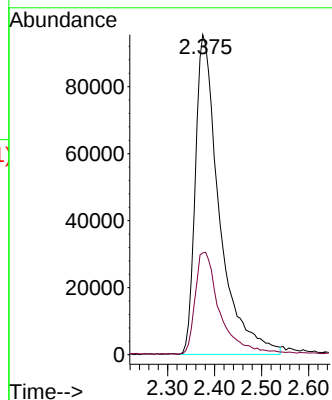
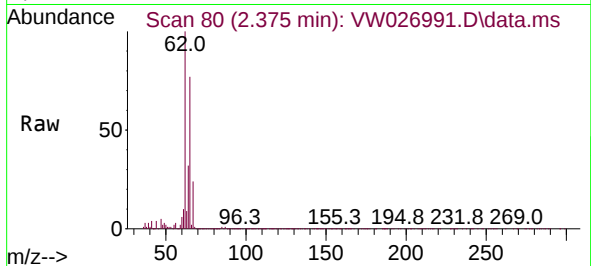




#5
 Vinyl chloride
 Concen: 26.601 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

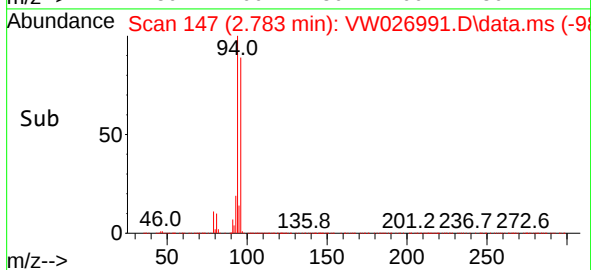
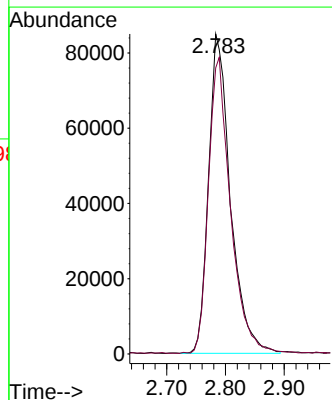
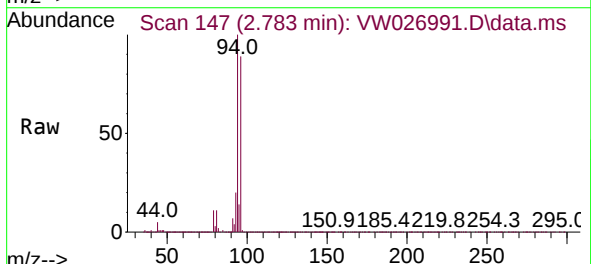
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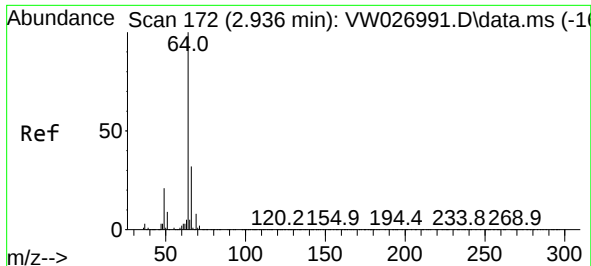
Tgt Ion: 62 Resp: 338865
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.3 41.3



#6
 Bromomethane
 Concen: 26.141 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

Tgt Ion: 94 Resp: 219782
 Ion Ratio Lower Upper
 94 100
 96 89.4 62.6 116.2

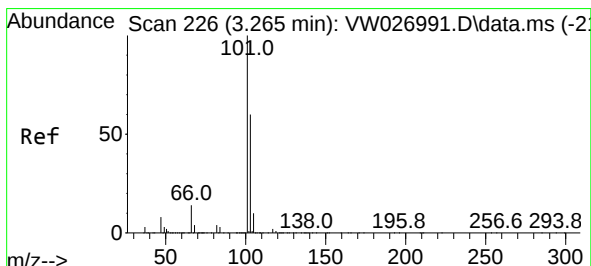
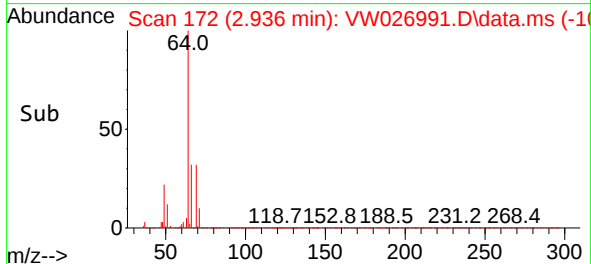
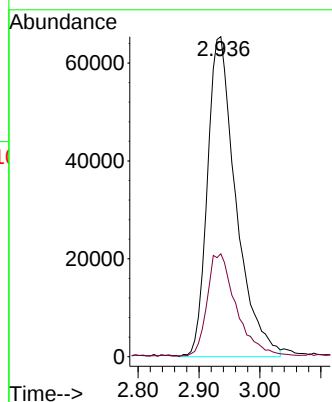
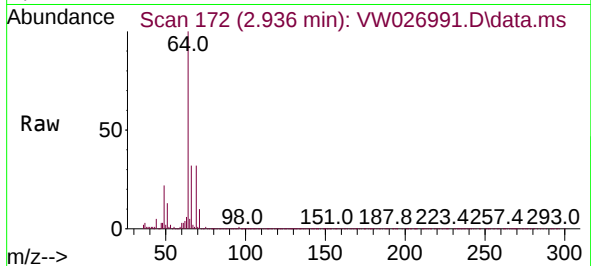




#8
Chloroethane
Concen: 26.608 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

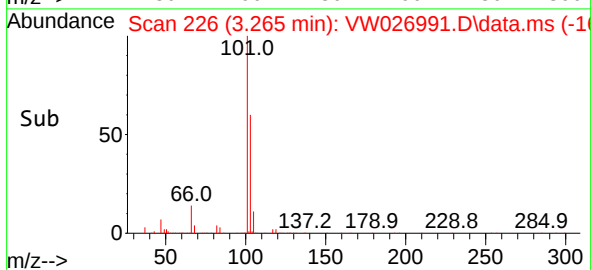
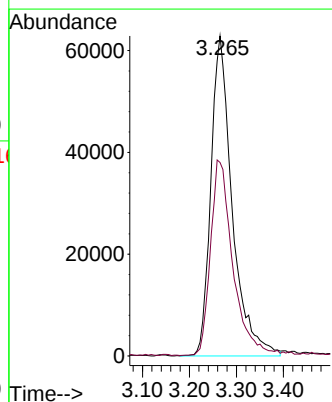
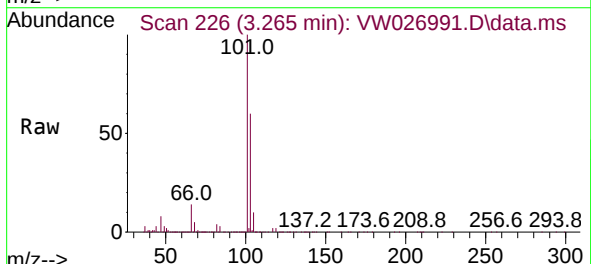
Instrument :
MSVOA_W
ClientSampleId :

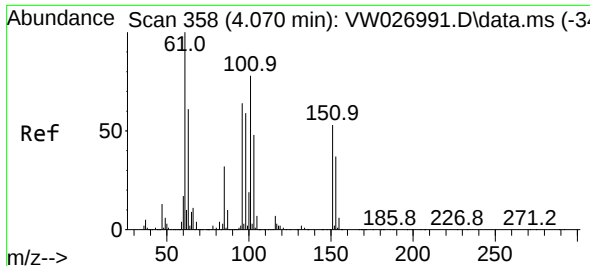
Tgt Ion: 64 Resp: 212743
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 26.874 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 101 Resp: 198356
Ion Ratio Lower Upper
101 100
103 63.5 50.2 75.4

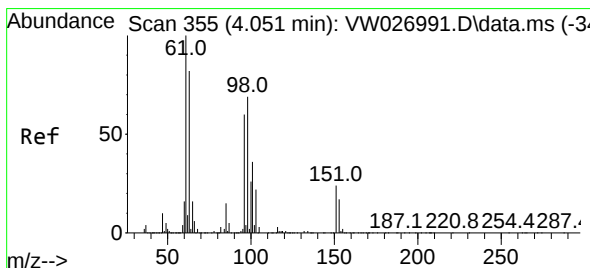
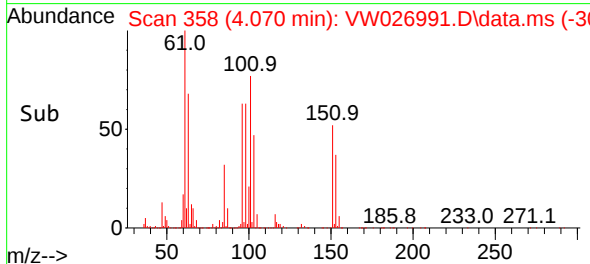
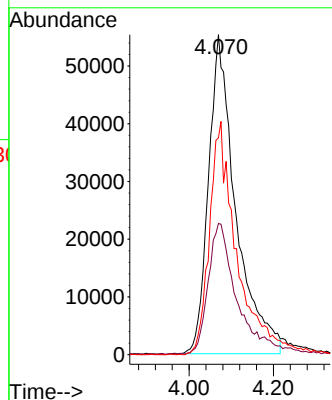
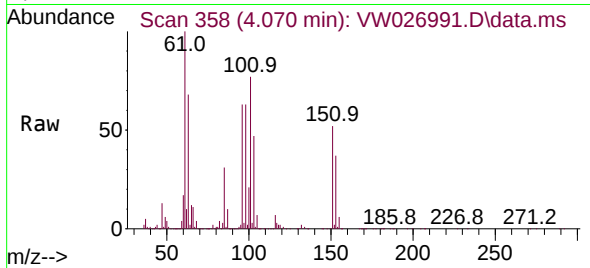




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.034 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

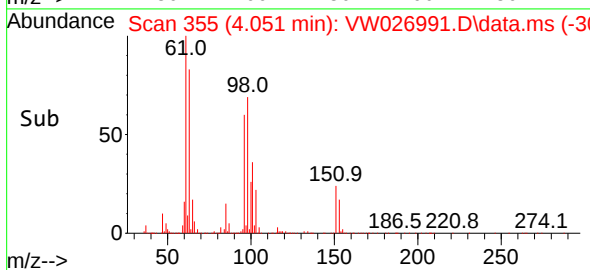
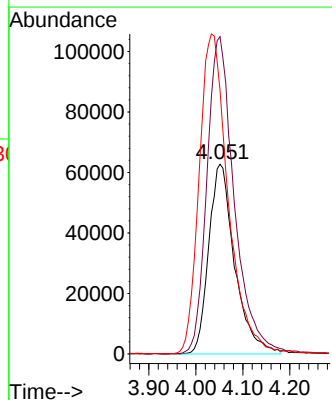
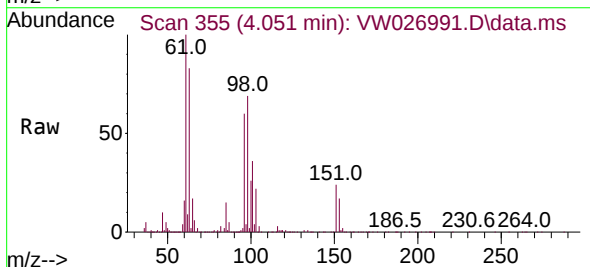
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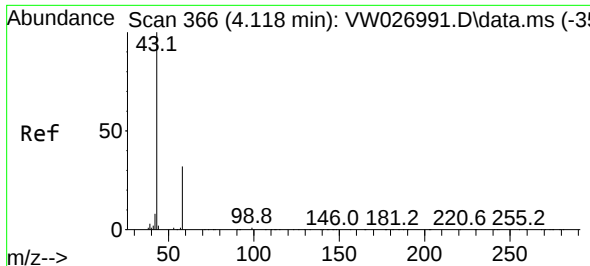
Tgt Ion:101 Resp: 248127
 Ion Ratio Lower Upper
 101 100
 85 38.9 31.1 46.7
 151 67.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.454 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

Tgt Ion: 96 Resp: 240562
 Ion Ratio Lower Upper
 96 100
 61 167.2 117.0 217.4
 63 139.0 97.3 180.7





#13

Acetone

Concen: 43.430 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

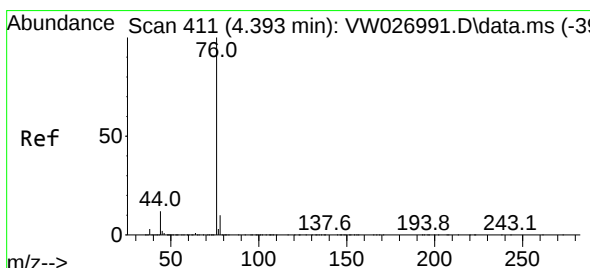
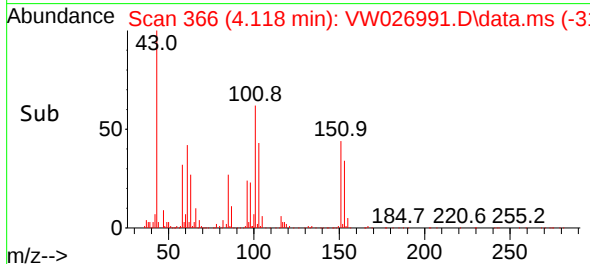
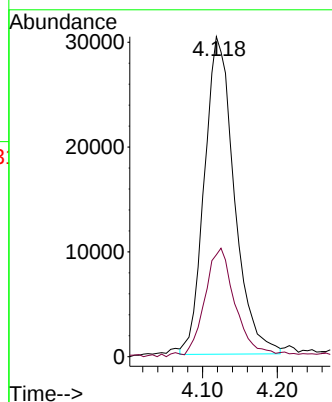
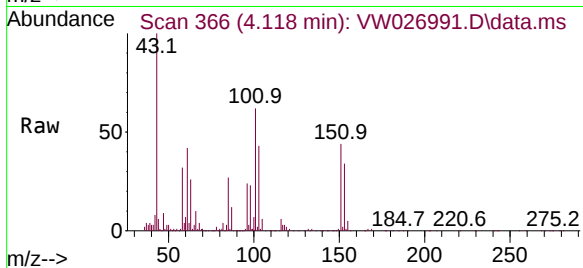
ClientSampleId :

Tgt Ion: 43 Resp: 84253

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.4



#14

Carbon disulfide

Concen: 26.475 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW026991.D

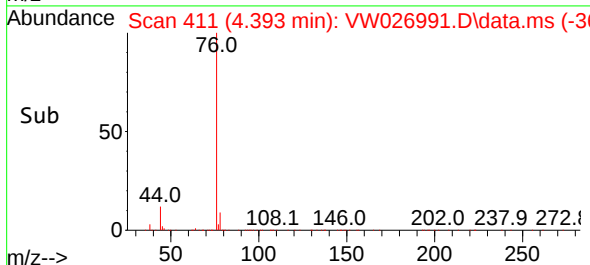
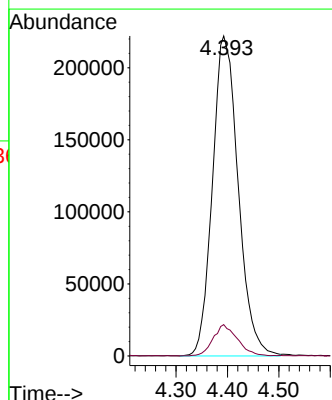
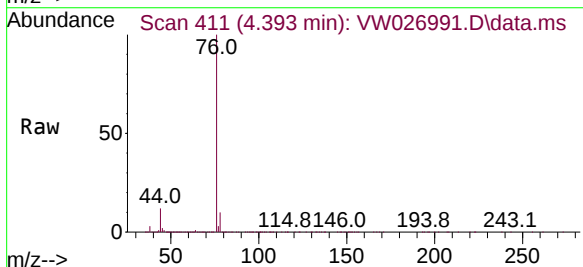
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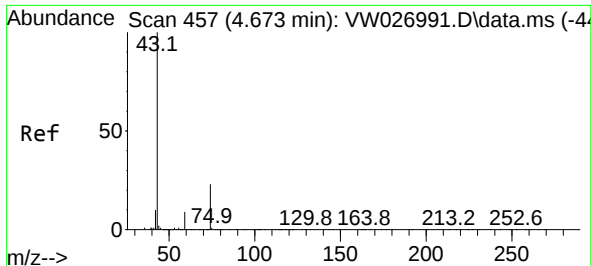
Tgt Ion: 76 Resp: 772191

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

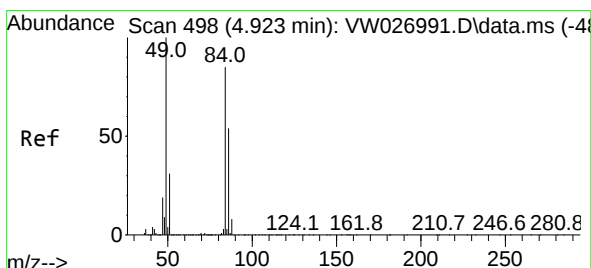
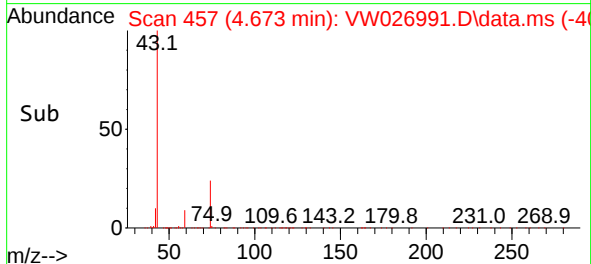
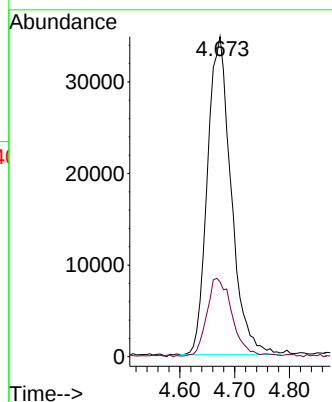
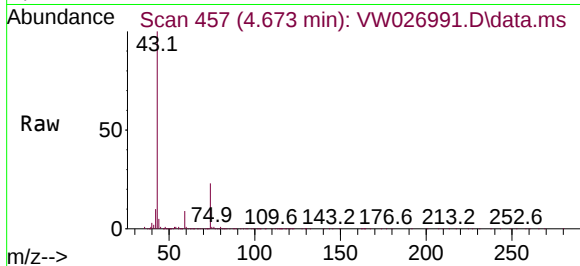




#15
Methyl Acetate
Concen: 25.004 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

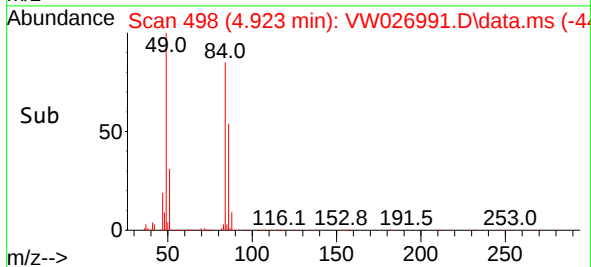
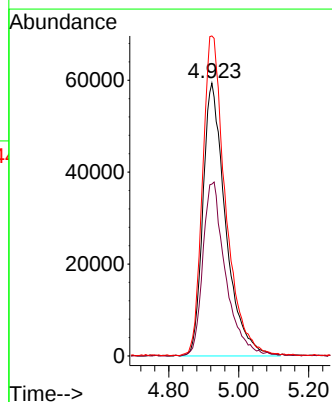
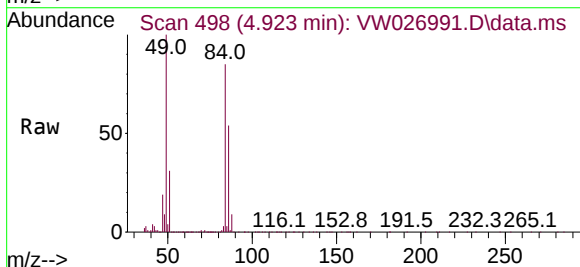
Instrument :
MSVOA_W
ClientSampleId :

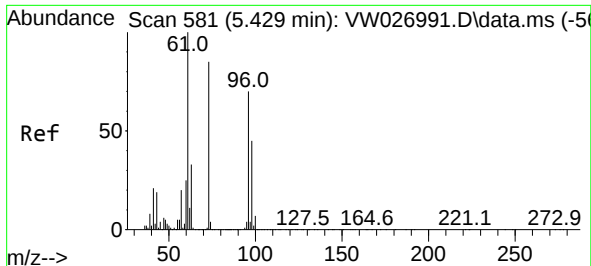
Tgt Ion: 43 Resp: 104323
Ion Ratio Lower Upper
43 100
74 26.0 0.1 0.1#



#16
Methylene chloride
Concen: 21.152 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 84 Resp: 267648
Ion Ratio Lower Upper
84 100
86 63.0 44.1 81.9
49 117.3 82.1 152.5

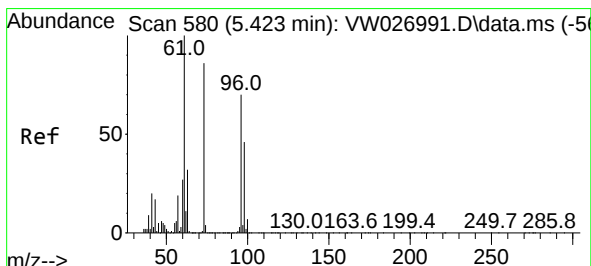
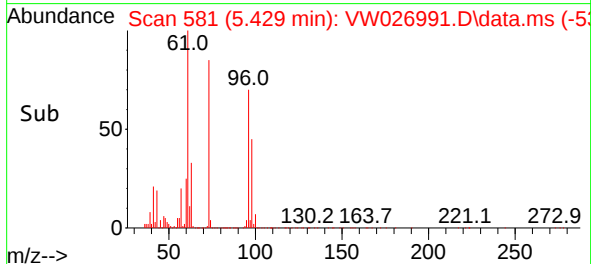
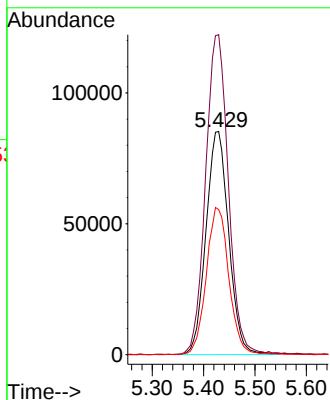
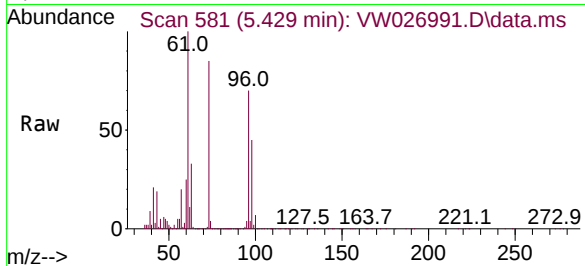




#17
trans-1,2-Dichloroethene
Concen: 26.328 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

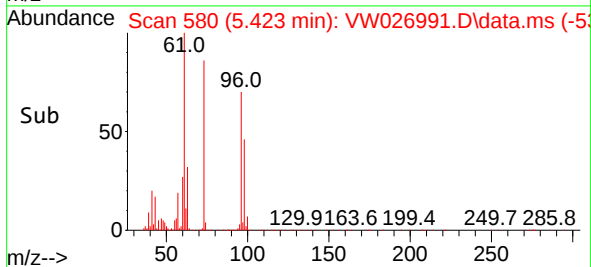
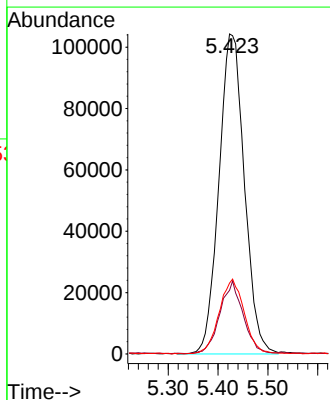
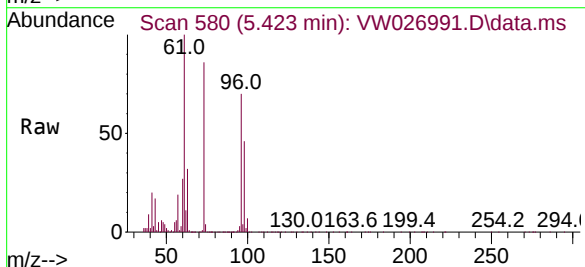
Instrument :
MSVOA_W
ClientSampleId :

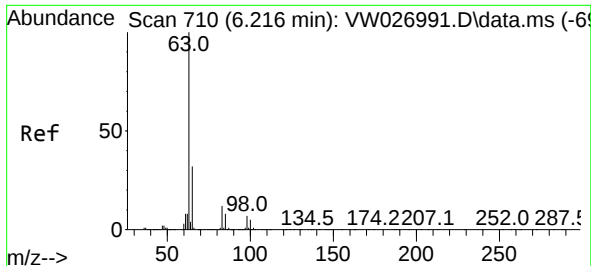
Tgt Ion: 96 Resp: 262044
Ion Ratio Lower Upper
96 100
61 143.3 100.3 186.3
98 65.0 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 26.648 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 73 Resp: 369406
Ion Ratio Lower Upper
73 100
43 20.6 16.5 24.7
57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.231 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

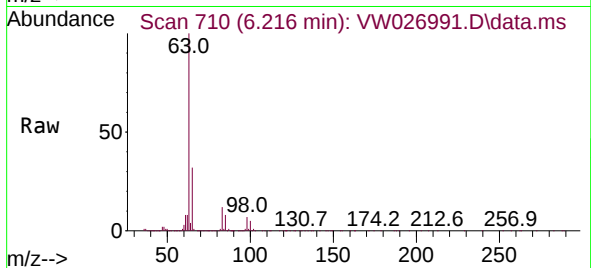
Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :



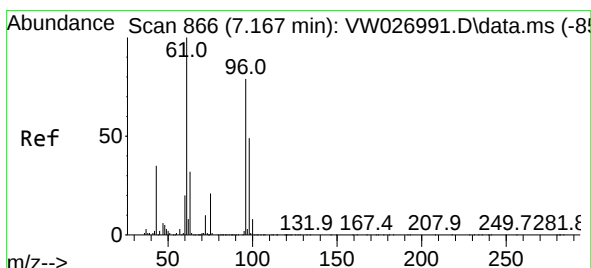
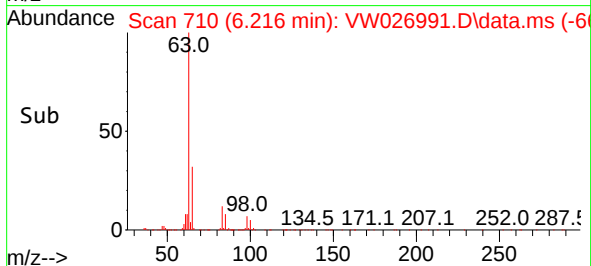
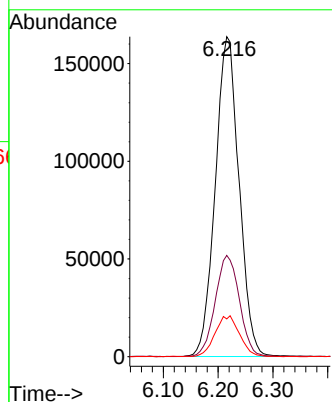
Tgt Ion: 63 Resp: 492137

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 11.8 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 26.153 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

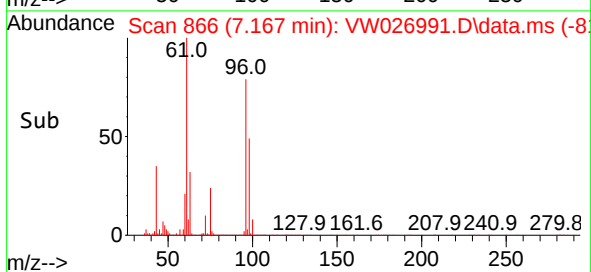
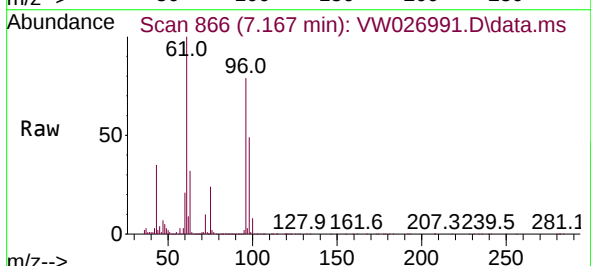
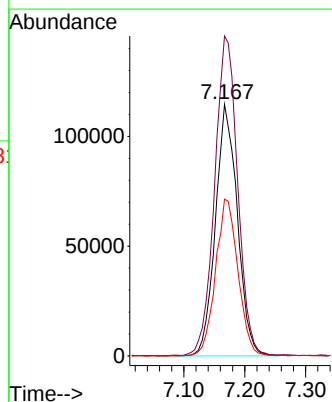
Tgt Ion: 96 Resp: 286451

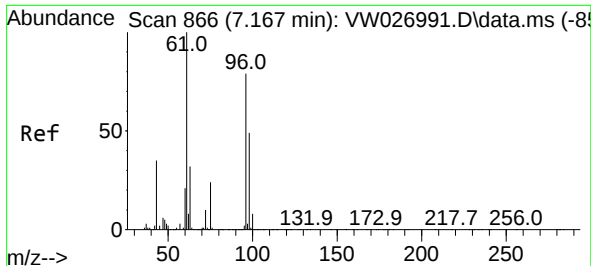
Ion Ratio Lower Upper

96 100

61 127.2 89.0 165.4

98 62.3 43.6 81.0

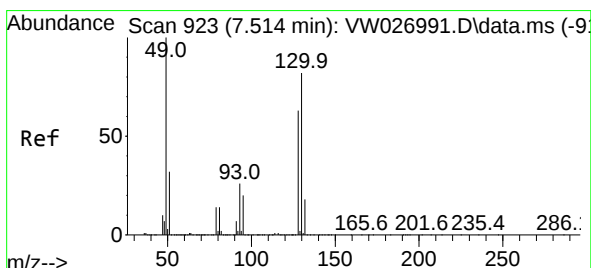
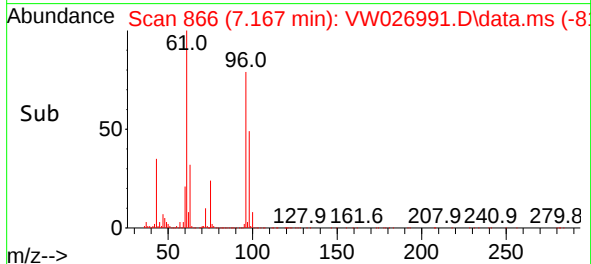
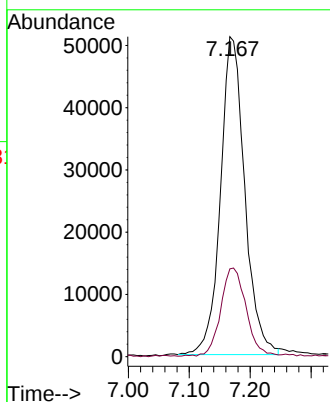
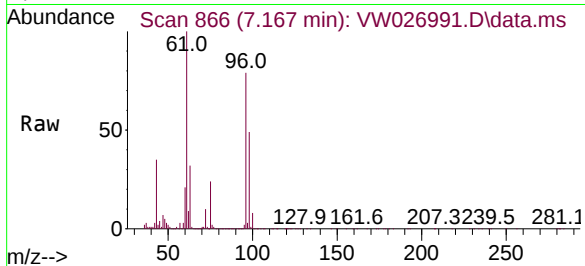




#22
2-Butanone
Concen: 45.671 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

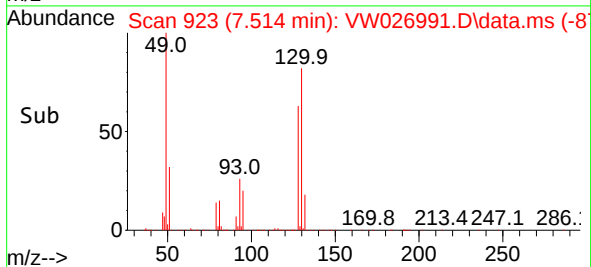
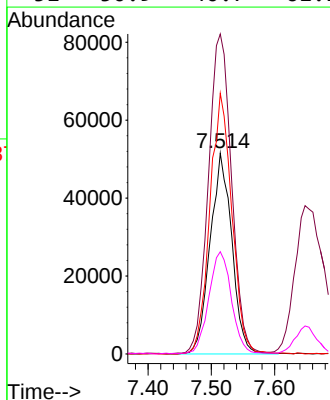
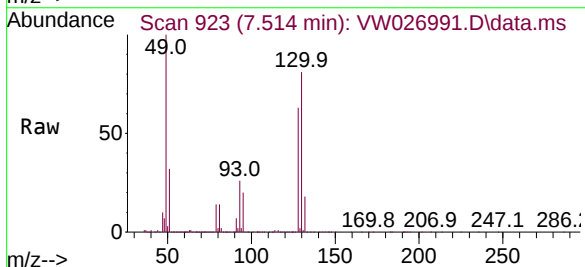
Instrument :
MSVOA_W
ClientSampleId :

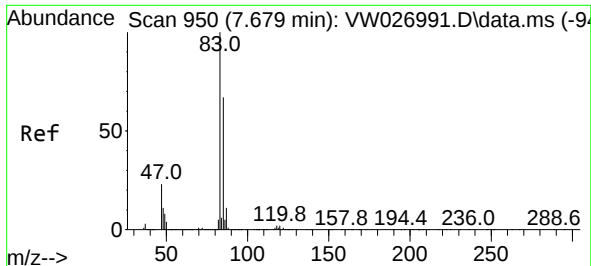
Tgt Ion: 43 Resp: 141570
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 25.787 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 128 Resp: 122573
Ion Ratio Lower Upper
128 100
49 159.4 111.6 207.2
130 129.8 90.9 168.7
51 50.9 40.7 61.1

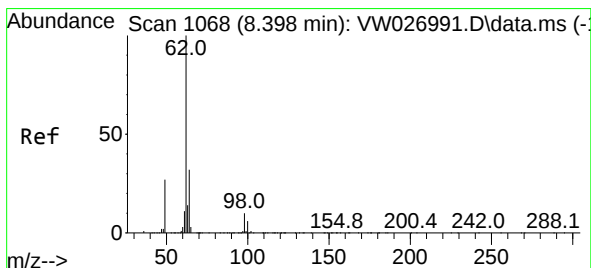
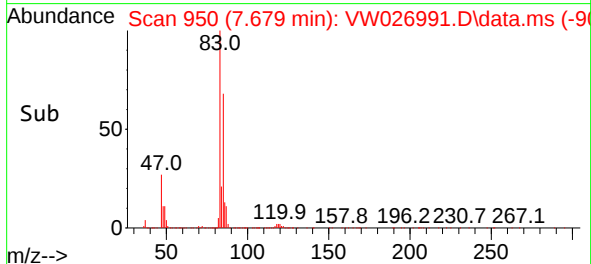
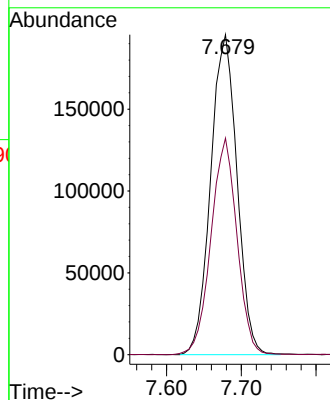
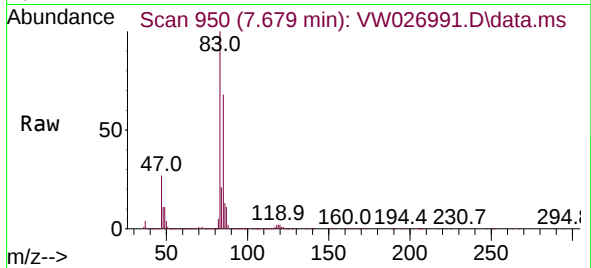




#25
Chloroform
Concen: 26.082 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

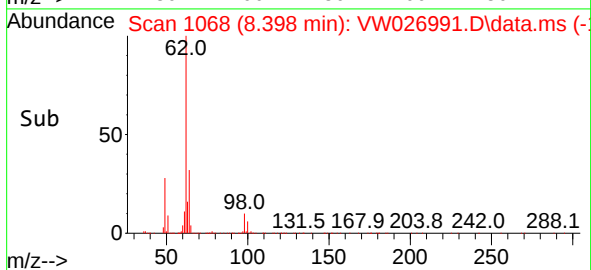
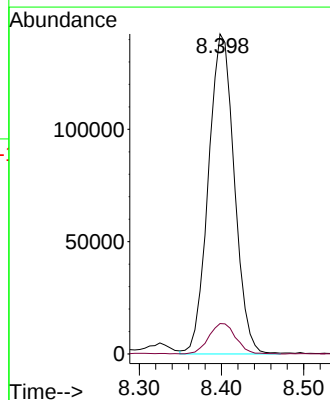
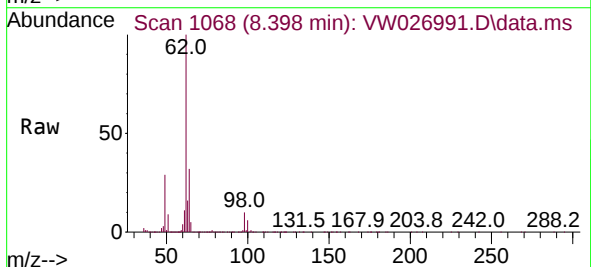
Instrument :
MSVOA_W
ClientSampleId :

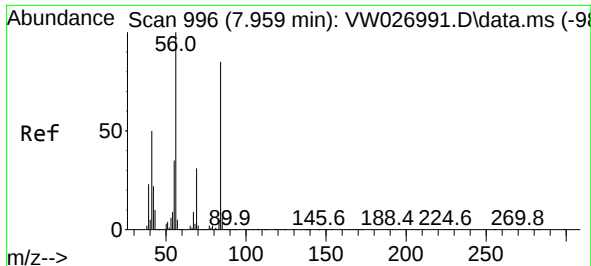
Tgt Ion: 83 Resp: 479957
Ion Ratio Lower Upper
83 100
85 67.6 47.3 87.9



#27
1,2-Dichloroethane
Concen: 26.803 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 62 Resp: 312022
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4

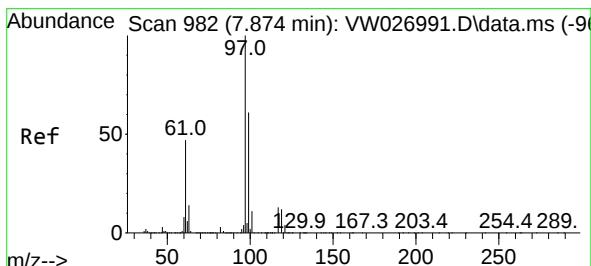
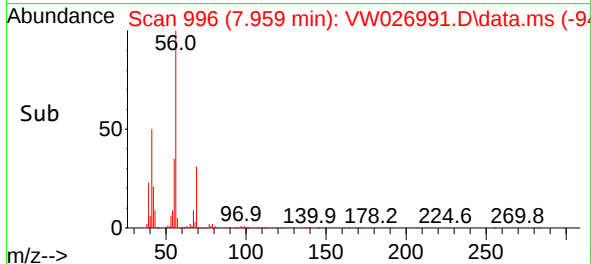
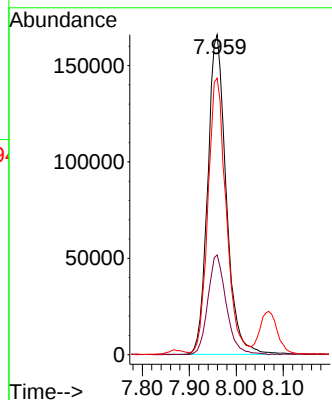
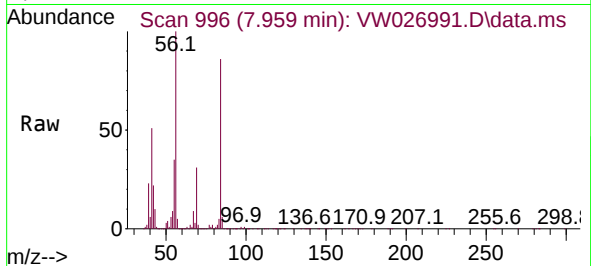




#29
Cyclohexane
Concen: 28.249 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

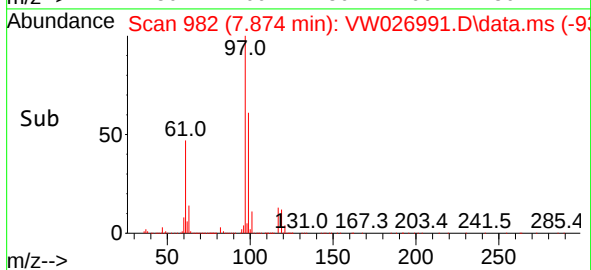
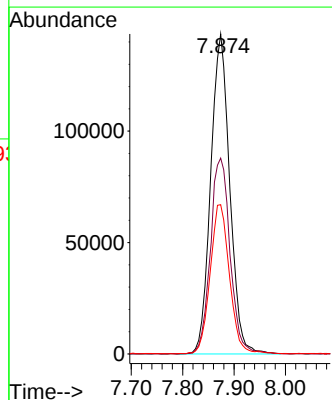
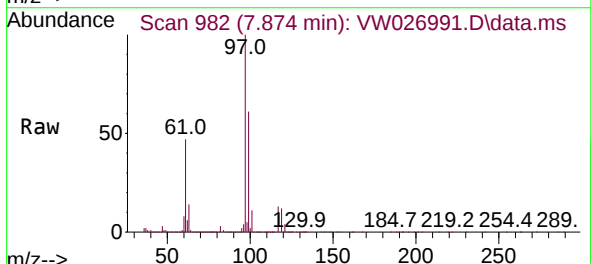
Instrument :
MSVOA_W
ClientSampleId :

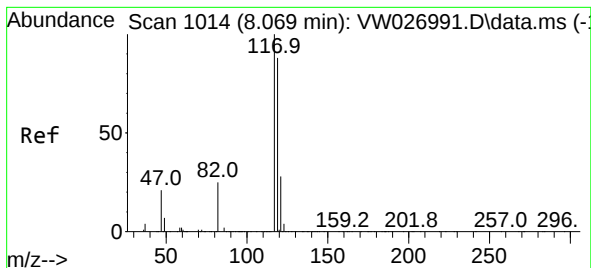
Tgt Ion: 56 Resp: 452549
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 85.3 68.2 102.4



#30
1,1,1-Trichloroethane
Concen: 26.568 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 97 Resp: 369788
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 47.0 37.6 56.4

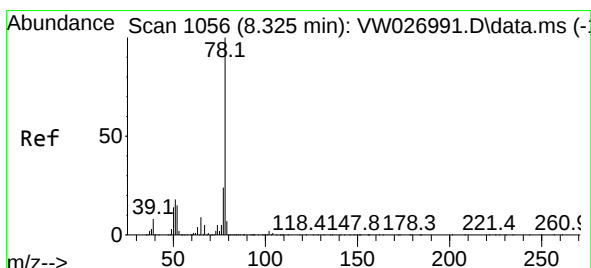
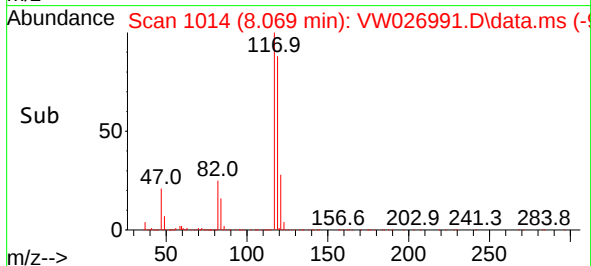
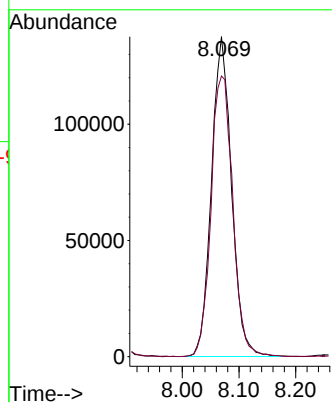
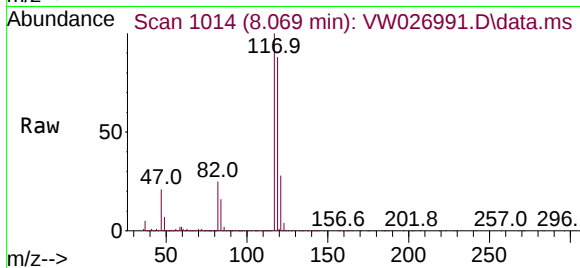




#31
Carbon tetrachloride
Concen: 27.282 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

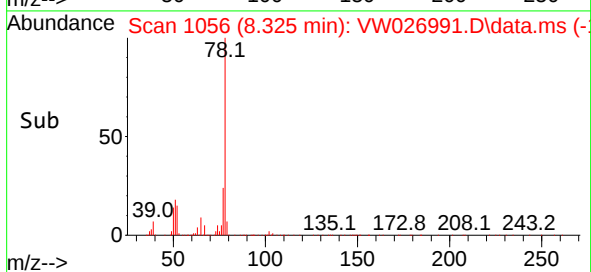
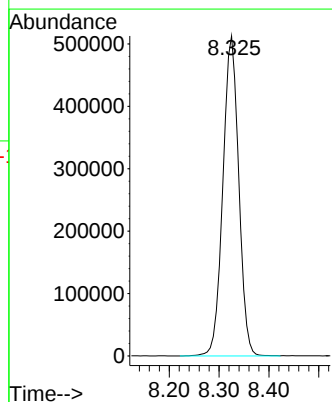
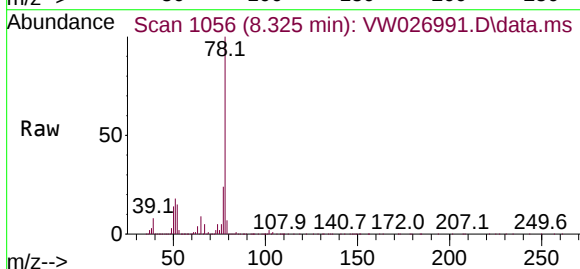
Instrument :
MSVOA_W
ClientSampleId :

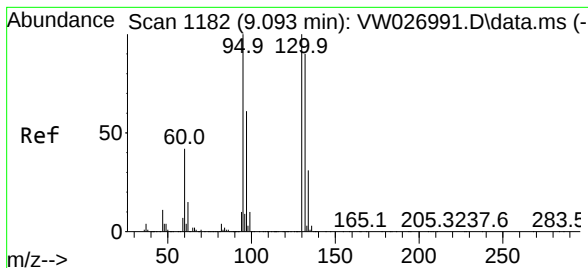
Tgt Ion:117 Resp: 338438
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#33
Benzene
Concen: 26.909 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 78 Resp: 1130762





#34

Trichloroethene

Concen: 26.210 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

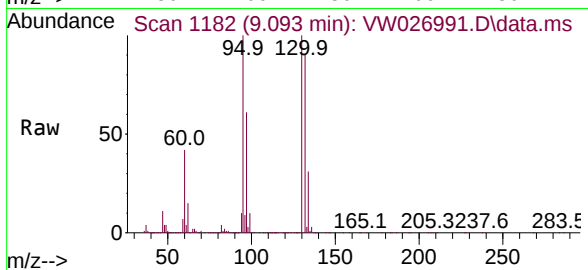
Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 282997

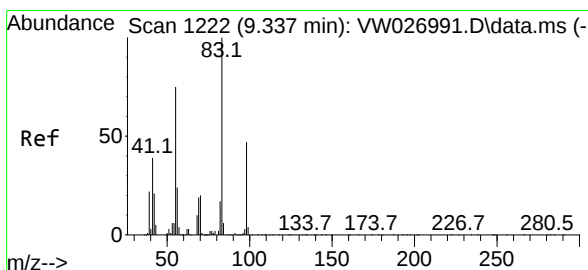
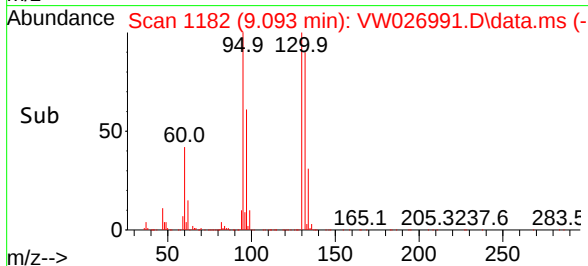
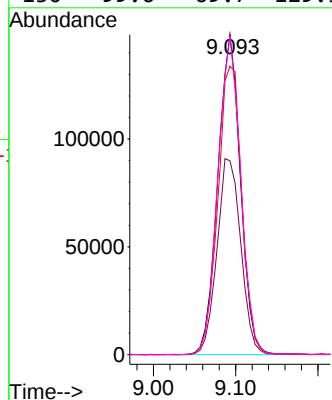
Ion Ratio Lower Upper

95 100

97 60.6 42.4 78.8

132 90.2 63.1 117.3

130 99.6 69.7 129.5



#35

Methylcyclohexane

Concen: 27.636 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

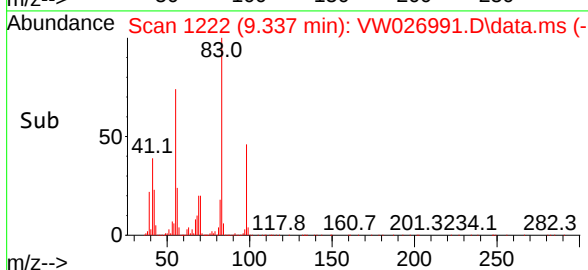
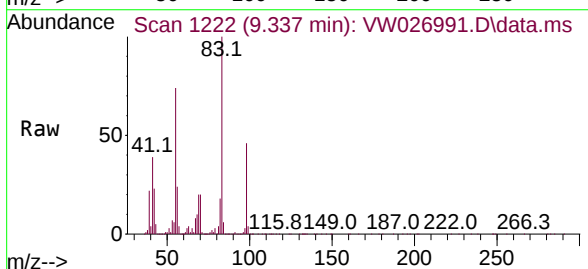
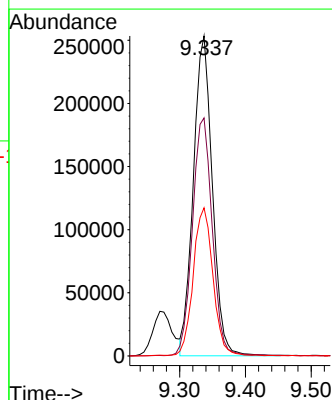
Tgt Ion: 83 Resp: 506973

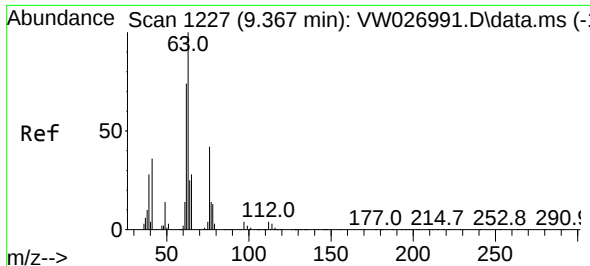
Ion Ratio Lower Upper

83 100

55 77.1 61.7 92.5

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.544 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

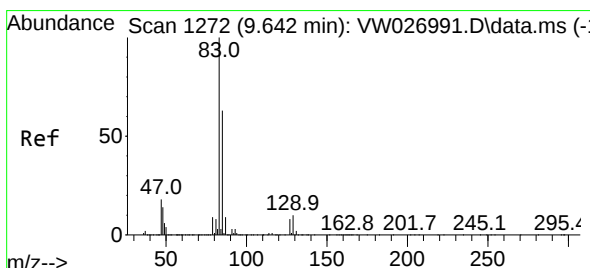
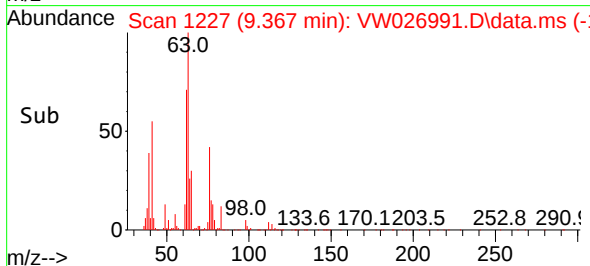
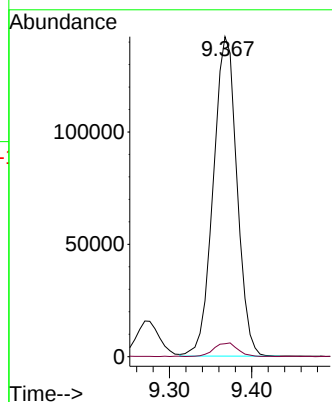
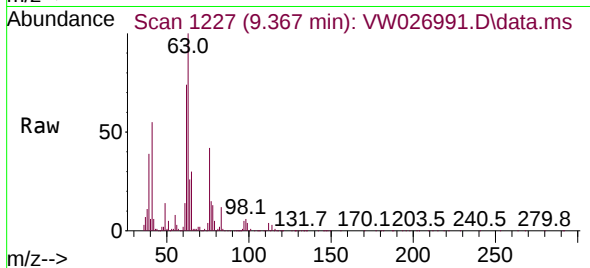
ClientSampleId :

Tgt Ion: 63 Resp: 284645

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 26.495 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

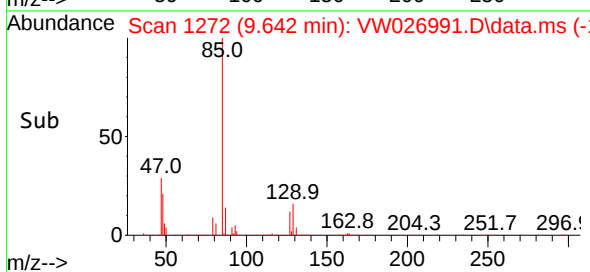
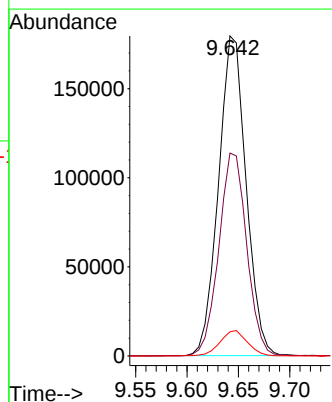
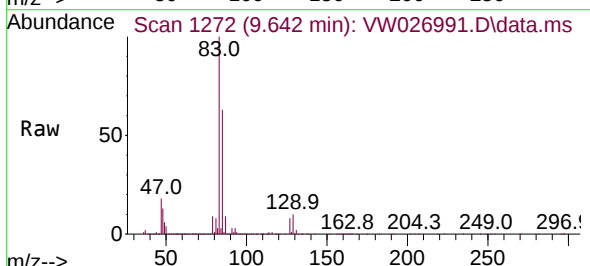
Tgt Ion: 83 Resp: 334606

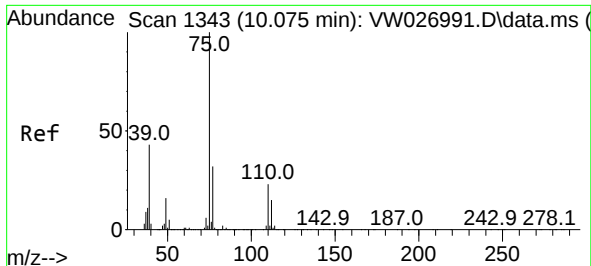
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 7.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 27.292 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

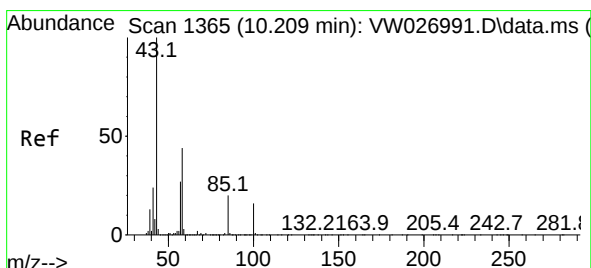
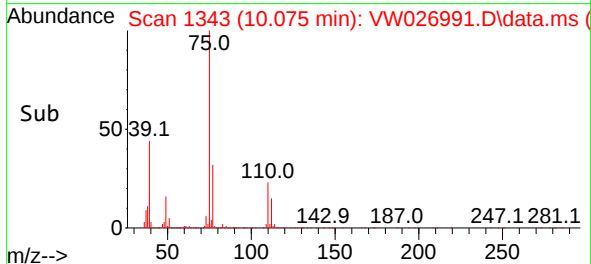
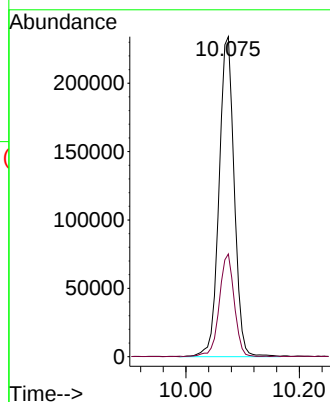
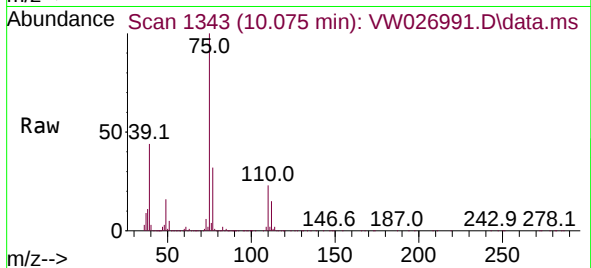
ClientSampleId :

Tgt Ion: 75 Resp: 434588

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.283 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

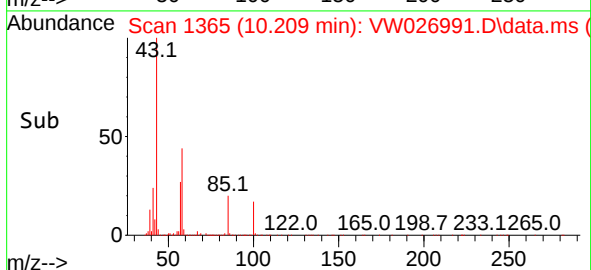
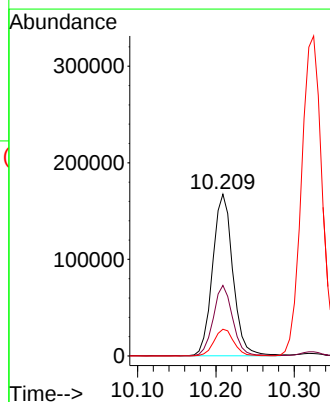
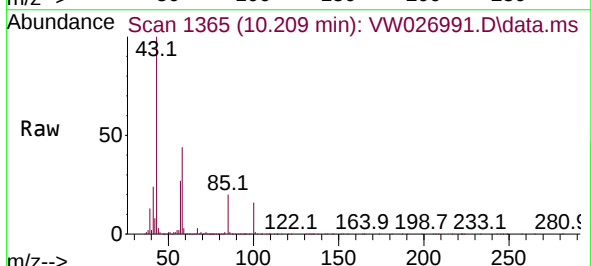
Tgt Ion: 43 Resp: 300527

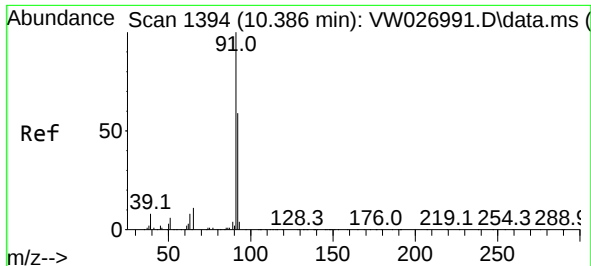
Ion Ratio Lower Upper

43 100

58 41.8 33.4 50.2

100 16.2 13.0 19.4

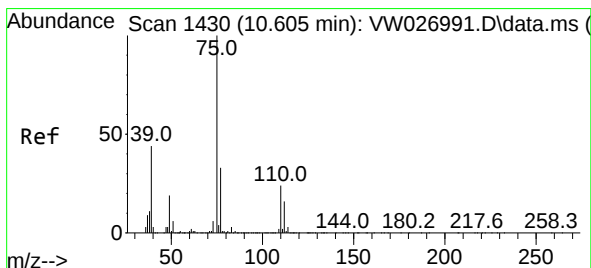
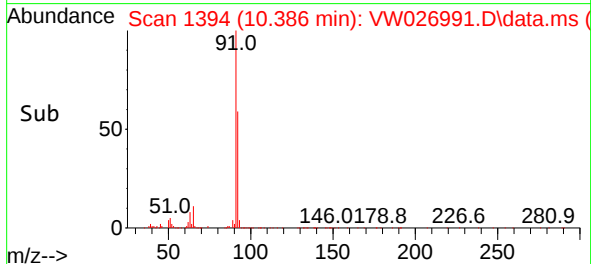
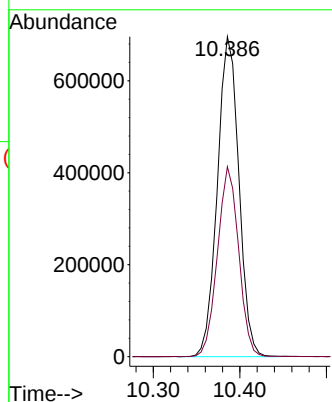
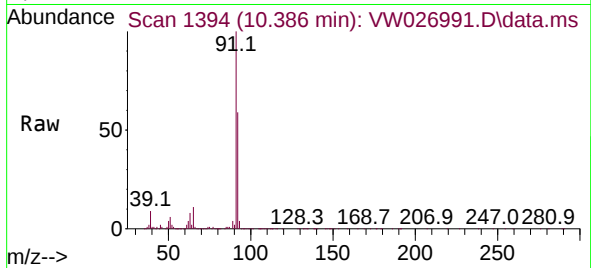




#42
Toluene
Concen: 27.733 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

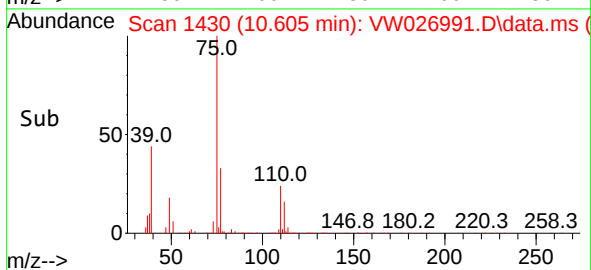
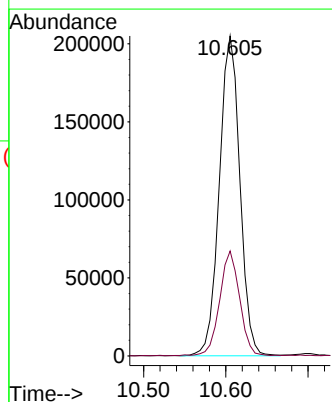
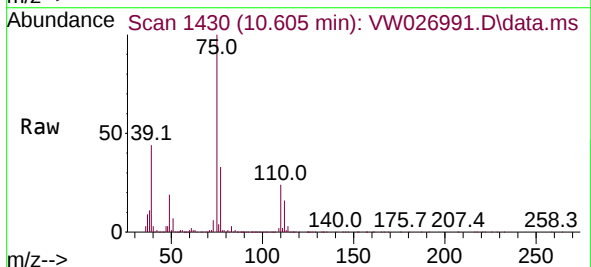
Instrument :
MSVOA_W
ClientSampleId :

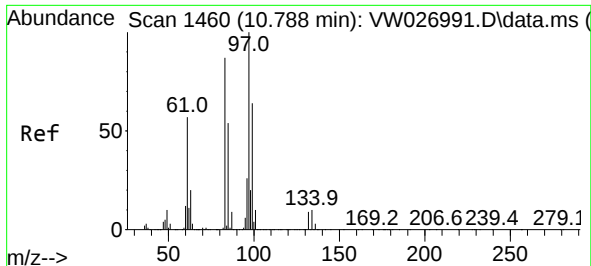
Tgt Ion: 91 Resp: 1199309
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.583 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 75 Resp: 356576
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6



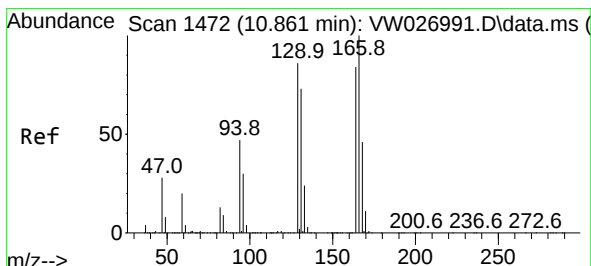
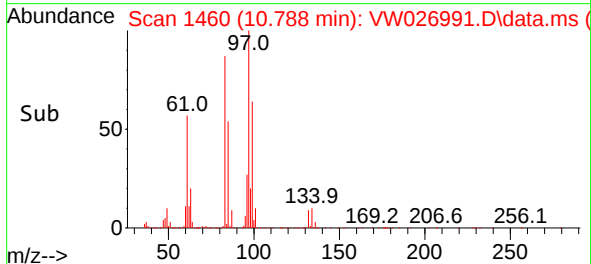
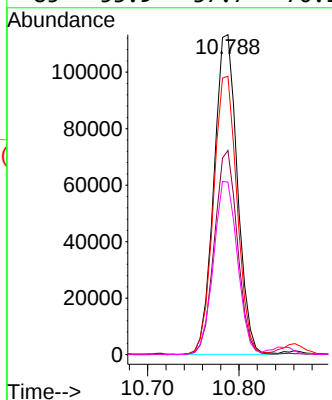
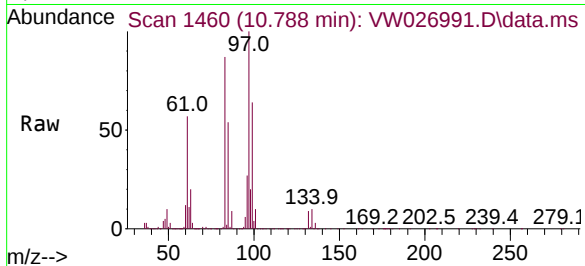


#45
1,1,2-Trichloroethane
Concen: 26.204 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 202424

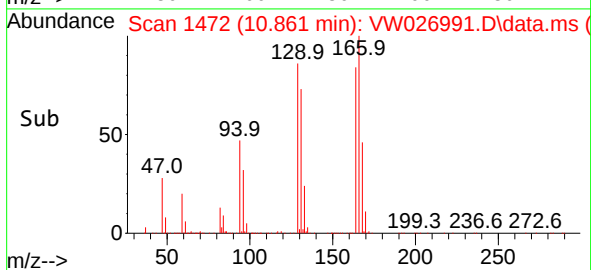
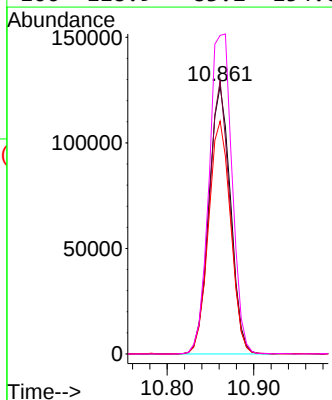
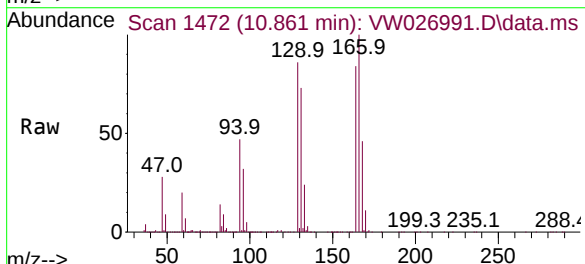
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	87.0	60.9	113.1
85	53.9	37.7	70.1

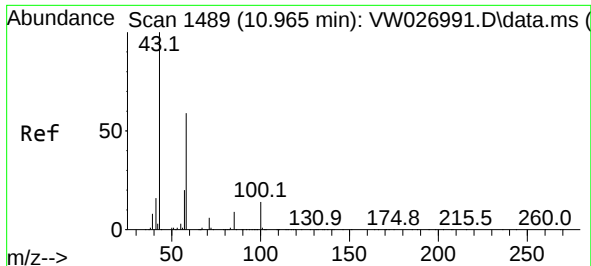


#46
Tetrachloroethene
Concen: 26.710 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 164 Resp: 220146

Ion	Ratio	Lower	Upper
164	100		
129	102.0	71.4	132.6
131	86.9	60.8	113.0
166	118.9	83.2	154.6

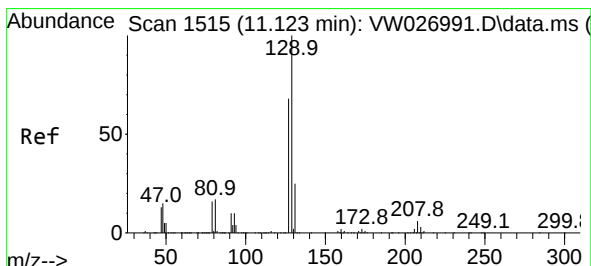
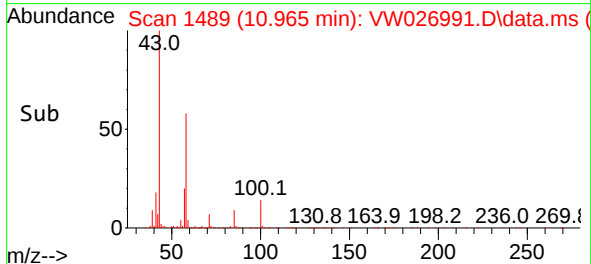
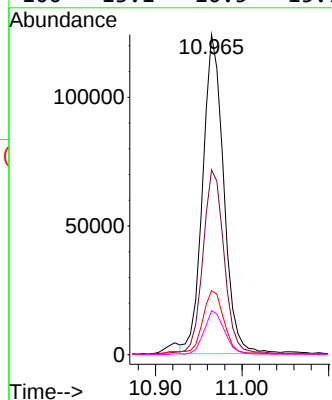
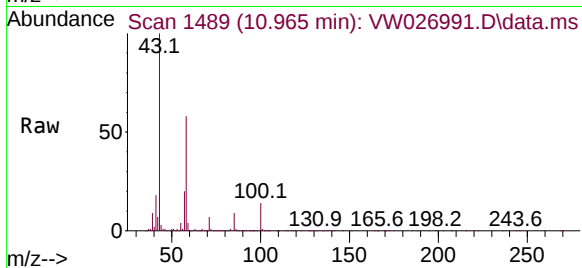




#48
2-Hexanone
Concen: 56.635 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

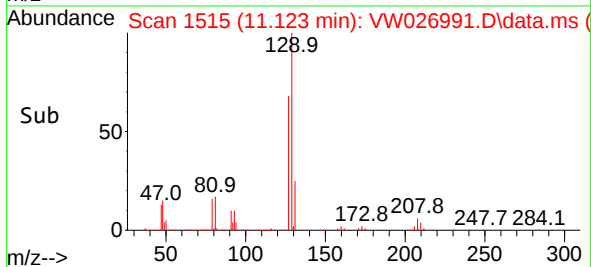
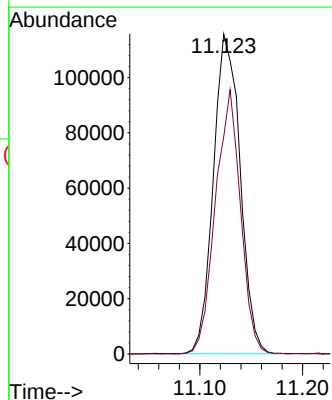
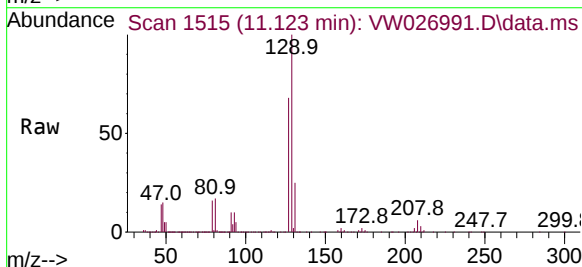
Instrument :
MSVOA_W
ClientSampleId :

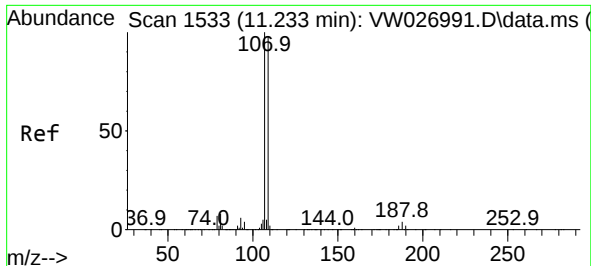
Tgt Ion:	43	Resp:	208595
Ion	Ratio	Lower	Upper
43	100		
58	59.4	47.5	71.3
57	19.0	15.2	22.8
100	13.1	10.5	15.7



#49
Dibromochloromethane
Concen: 26.292 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion:	129	Resp:	209220
Ion	Ratio	Lower	Upper
129	100		
127	67.9	47.5	88.3





#50

1,2-Dibromoethane

Concen: 26.366 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

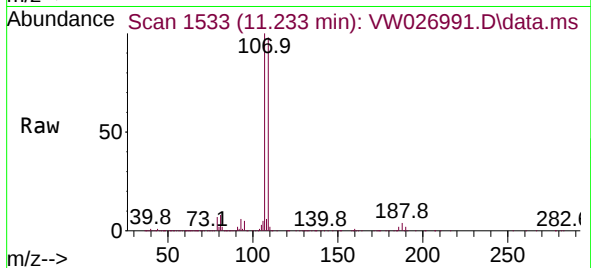
Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :



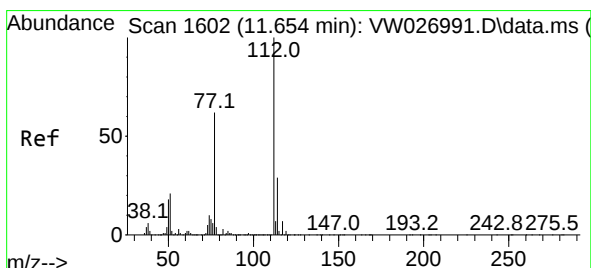
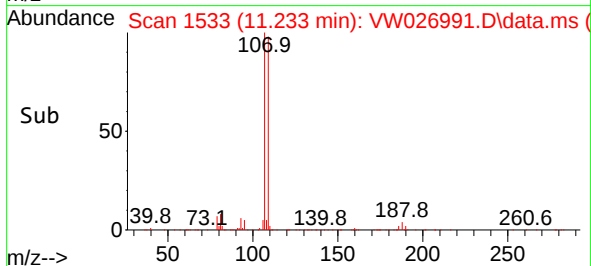
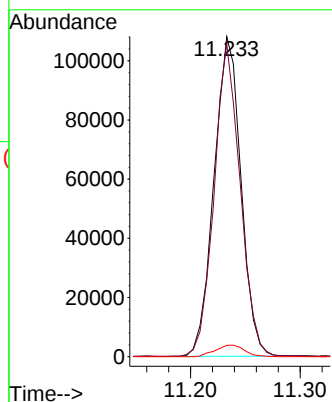
Tgt Ion:107 Resp: 184400

Ion Ratio Lower Upper

107 100

109 97.8 68.5 127.1

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 26.519 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

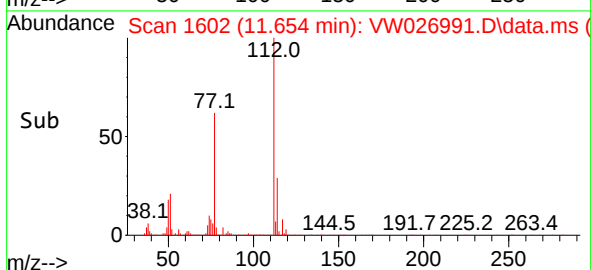
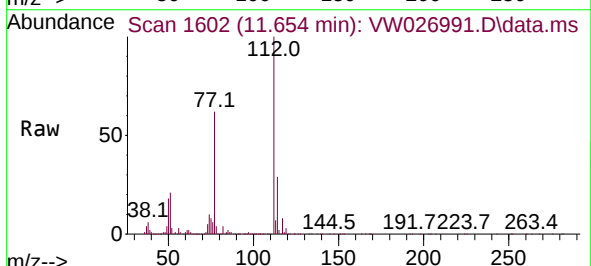
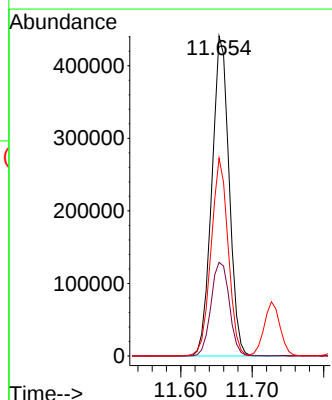
Tgt Ion:112 Resp: 738684

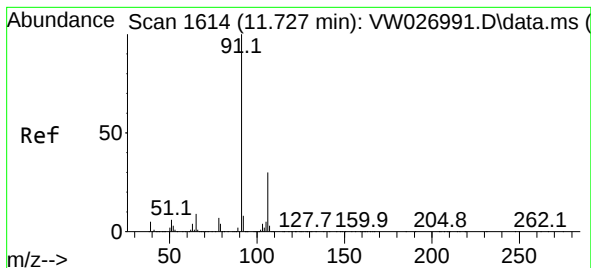
Ion Ratio Lower Upper

112 100

114 29.3 20.5 38.1

77 61.9 49.5 74.3

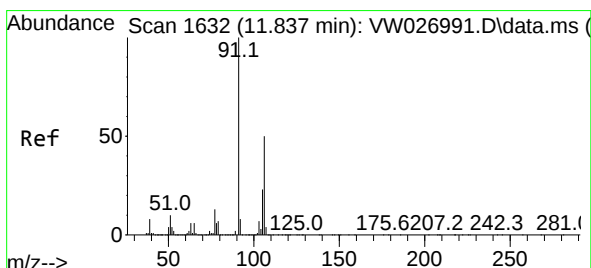
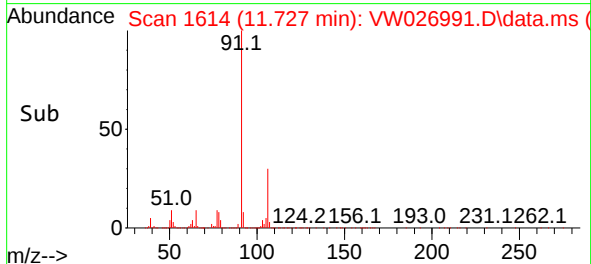
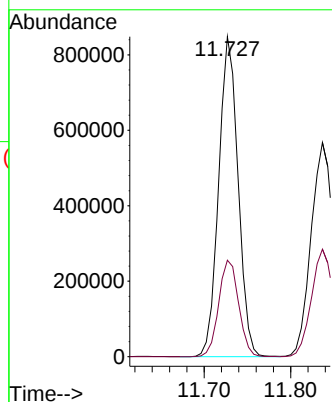
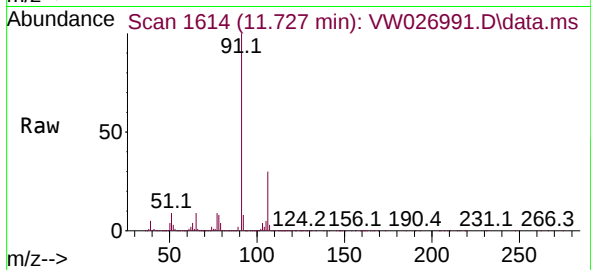




#52
Ethylbenzene
Concen: 27.500 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

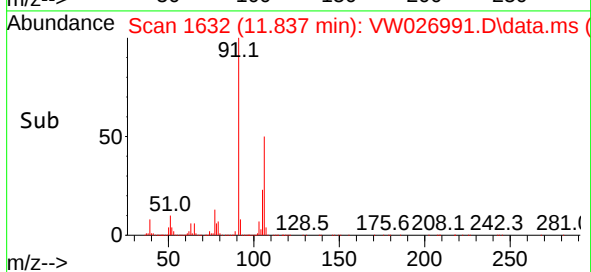
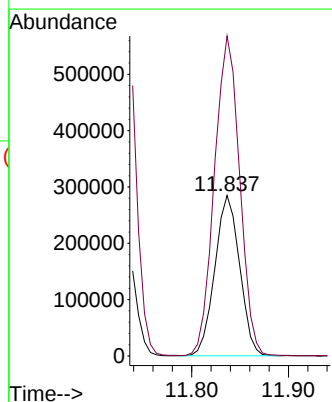
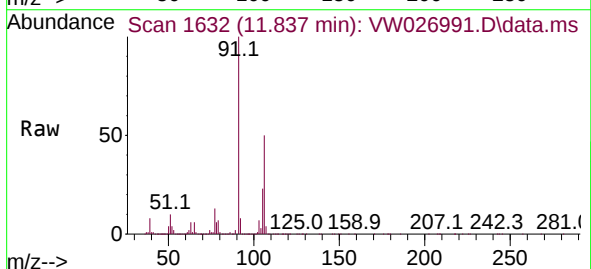
Instrument :
MSVOA_W
ClientSampleId :

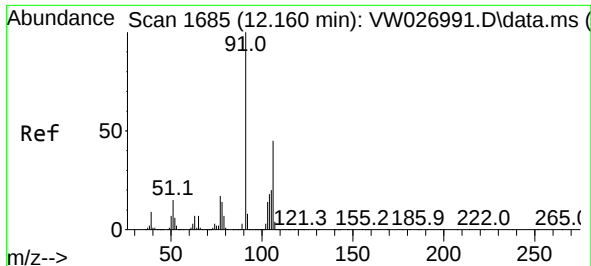
Tgt Ion: 91 Resp: 1318393
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 27.933 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion:106 Resp: 506571
Ion Ratio Lower Upper
106 100
91 199.4 139.6 259.2

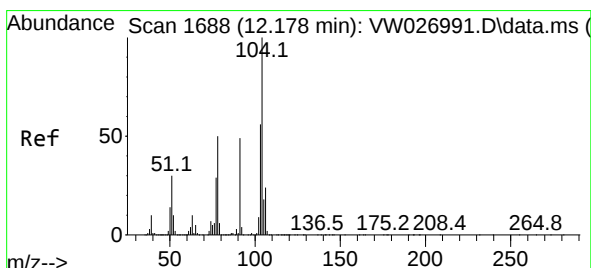
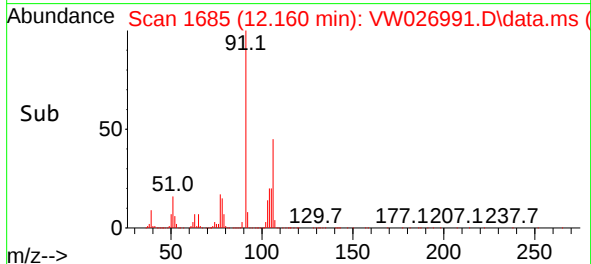
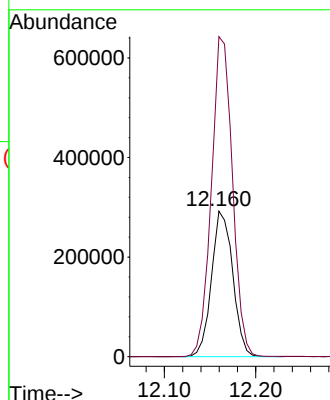
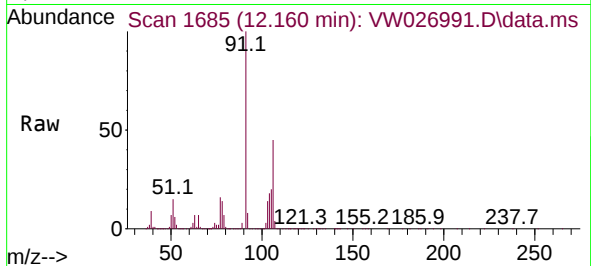




#54
o-Xylene
Concen: 27.712 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

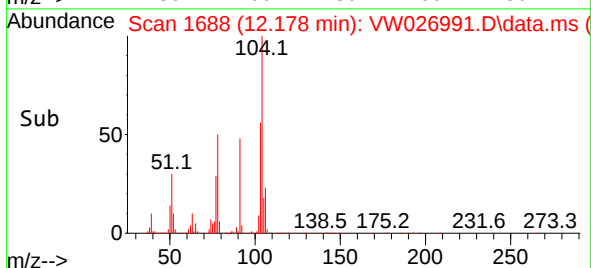
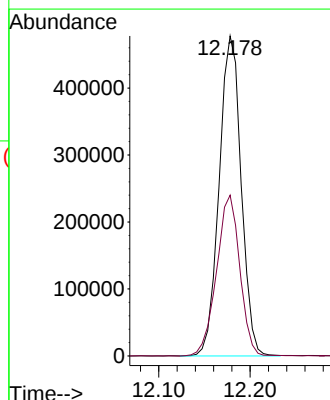
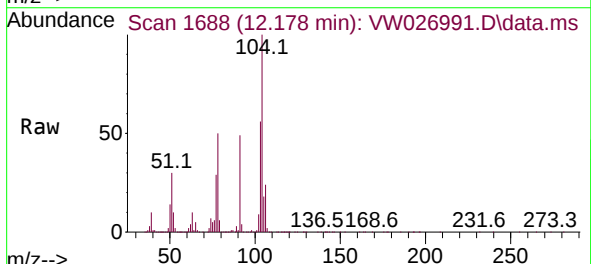
Instrument :
MSVOA_W
ClientSampleId :

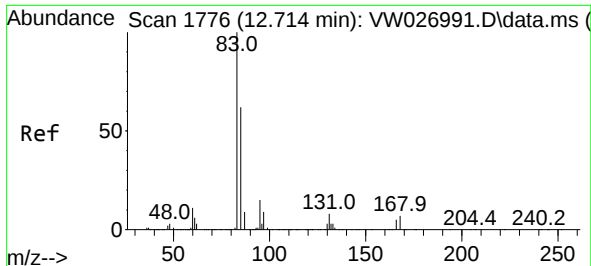
Tgt Ion:106 Resp: 470239
Ion Ratio Lower Upper
106 100
91 220.0 154.0 286.0



#55
Styrene
Concen: 27.630 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion:104 Resp: 800171
Ion Ratio Lower Upper
104 100
78 50.3 35.2 65.4





#57

1,1,2,2-Tetrachloroethane

Concen: 26.822 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026991.D

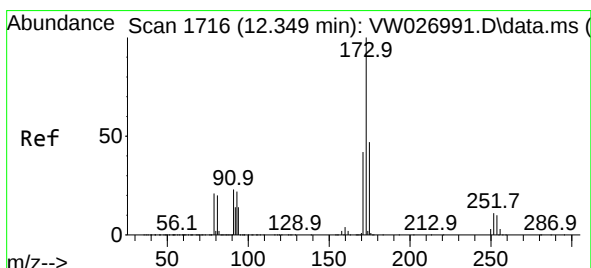
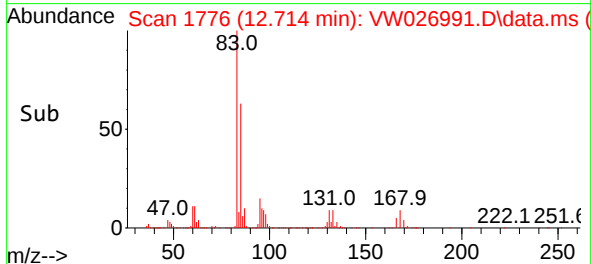
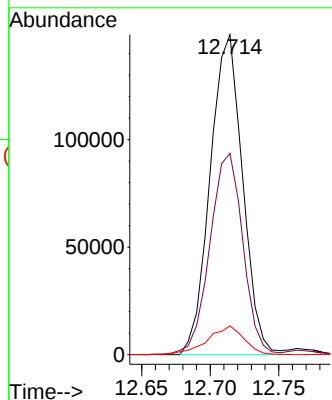
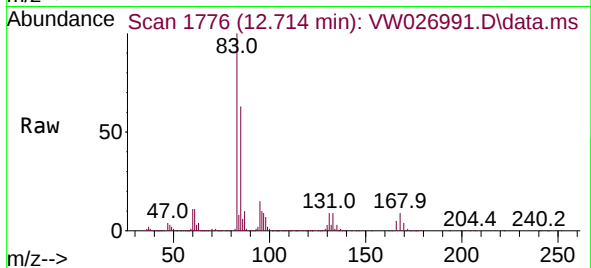
Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	245176
Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.1	81.9
131	9.0	7.2	10.8



#59

Bromoform

Concen: 26.760 ug/L

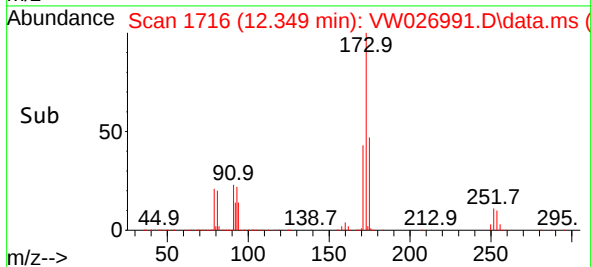
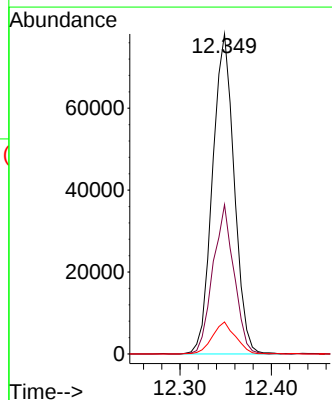
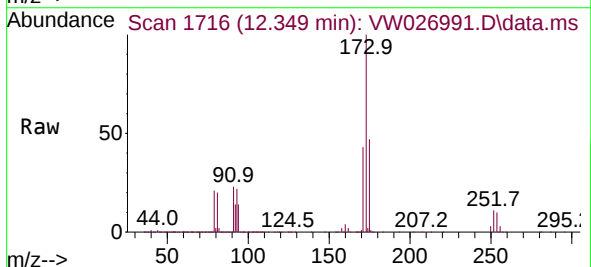
RT: 12.349 min Scan# 1716

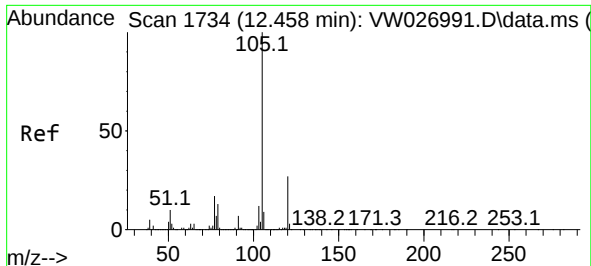
Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Tgt Ion:	173	Resp:	128480
Ion	Ratio	Lower	Upper
173	100		
175	45.7	36.6	54.8
254	10.6	8.5	12.7

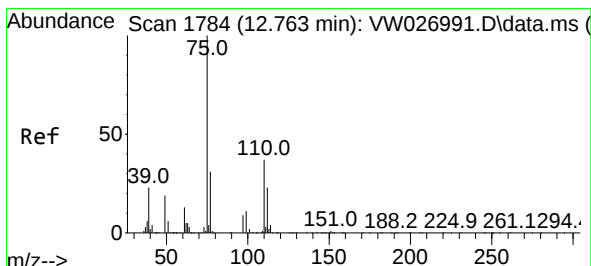
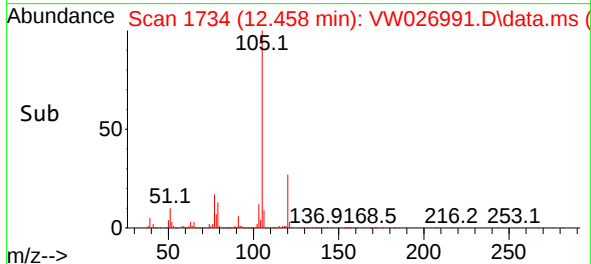
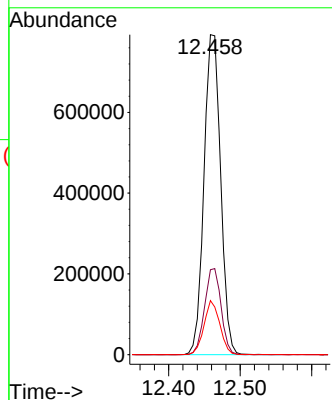
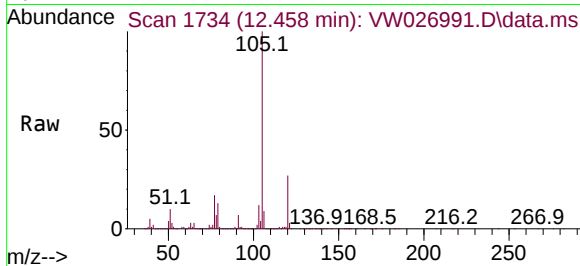




#60
Isopropylbenzene
Concen: 27.708 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

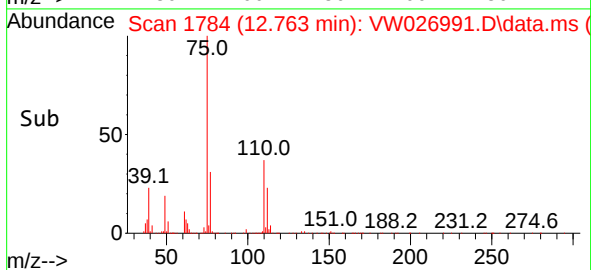
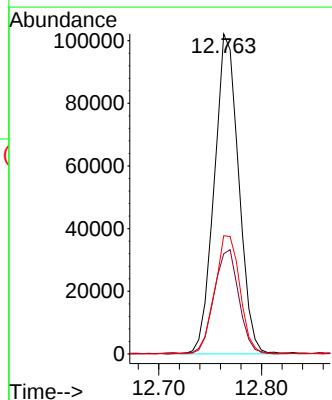
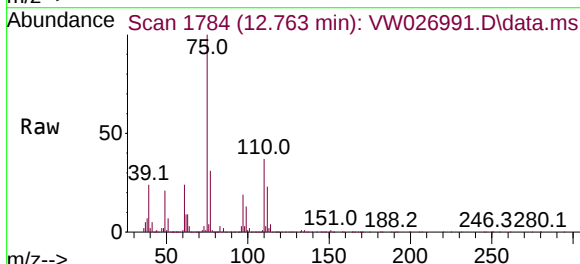
Instrument :
MSVOA_W
ClientSampleId :

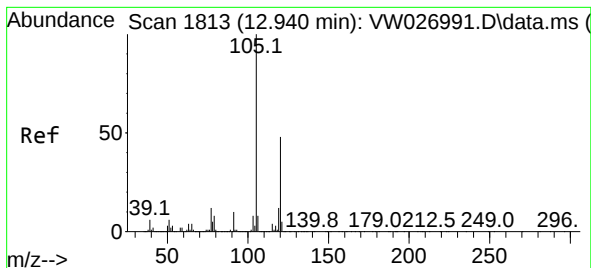
Tgt Ion:105 Resp: 1281443
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 26.051 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026991.D
Acq: 05 Sep 2023 10:46

Tgt Ion: 75 Resp: 168246
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5
110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 28.384 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

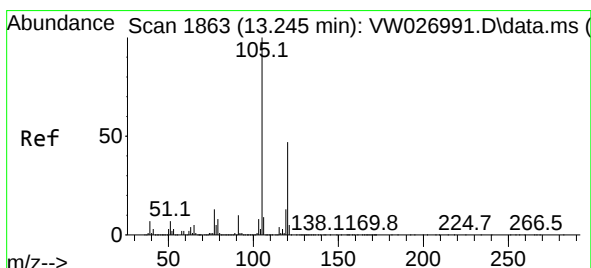
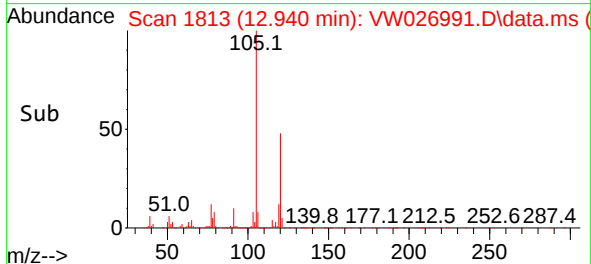
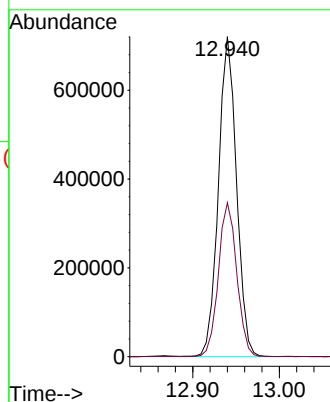
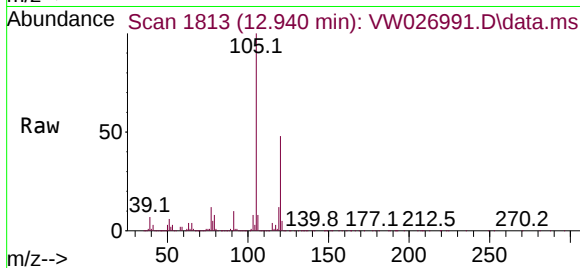
ClientSampleId :

Tgt Ion:105 Resp: 1047502

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 28.273 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026991.D

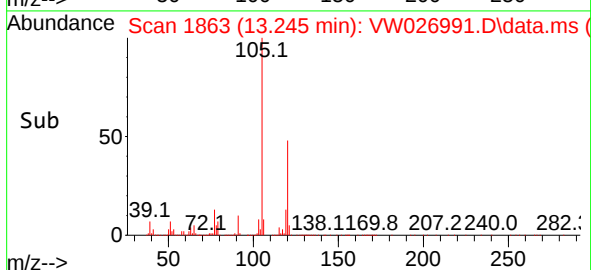
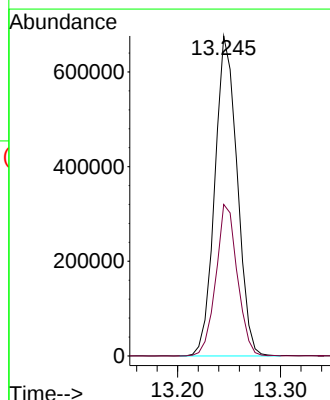
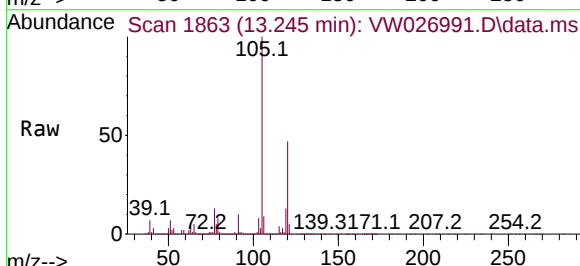
Acq: 05 Sep 2023 10:46

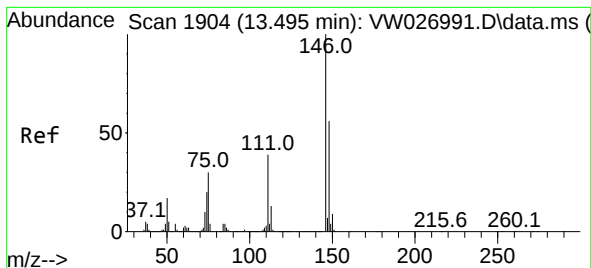
Tgt Ion:105 Resp: 1020089

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 26.993 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :

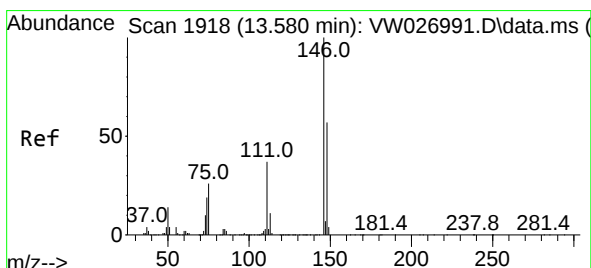
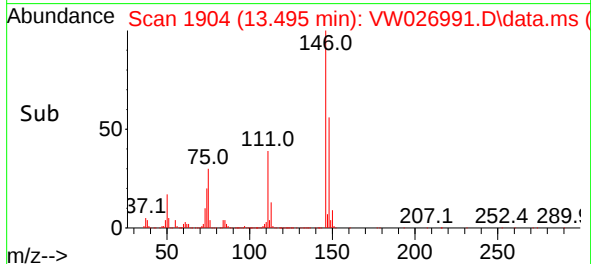
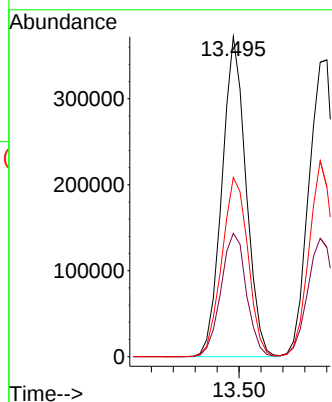
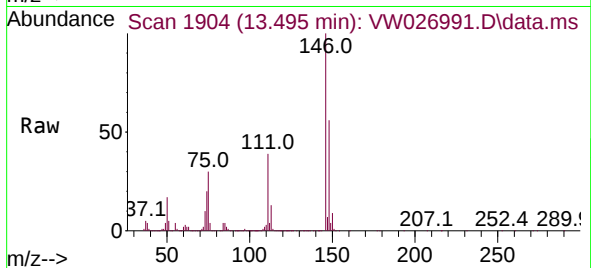
Tgt Ion:146 Resp: 567921

Ion Ratio Lower Upper

146 100

111 38.5 26.9 50.1

148 56.0 39.2 72.8



#65

1,4-Dichlorobenzene

Concen: 26.782 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

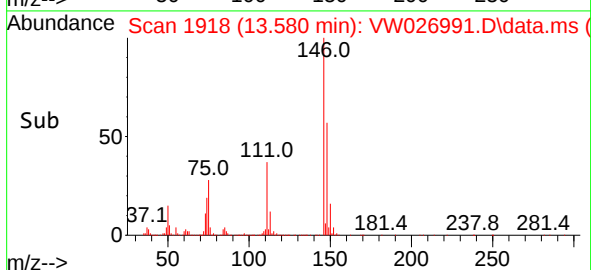
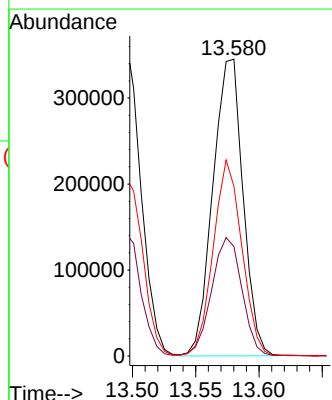
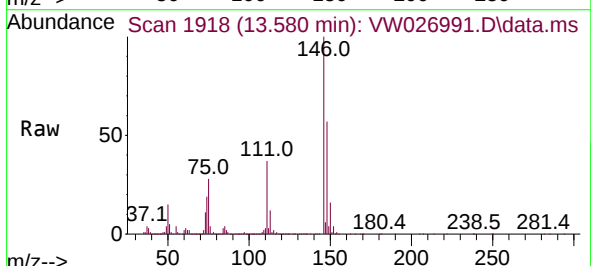
Tgt Ion:146 Resp: 572644

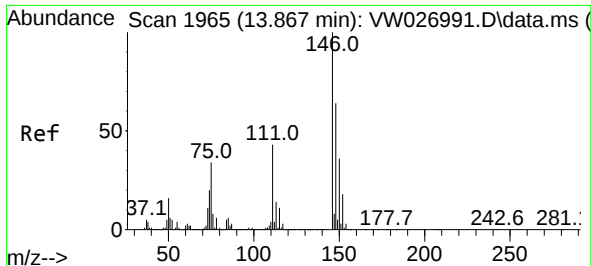
Ion Ratio Lower Upper

146 100

111 36.8 25.8 47.8

148 57.1 40.0 74.2





#67

1,2-Dichlorobenzene

Concen: 26.943 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :

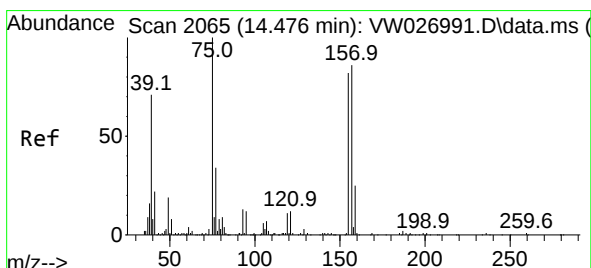
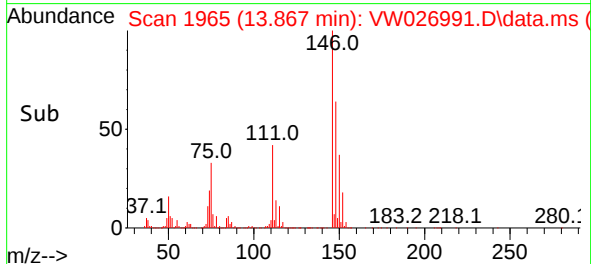
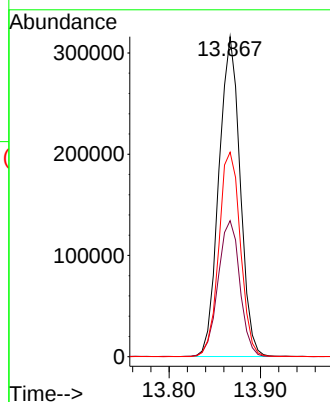
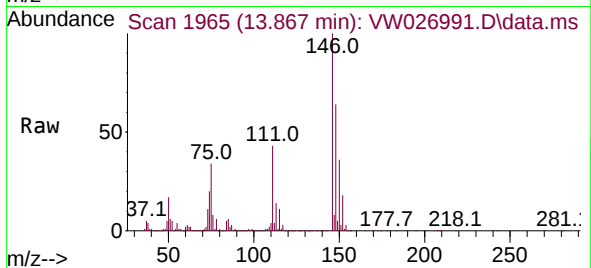
Tgt Ion:146 Resp: 510739

Ion Ratio Lower Upper

146 100

111 42.5 34.0 51.0

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.090 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

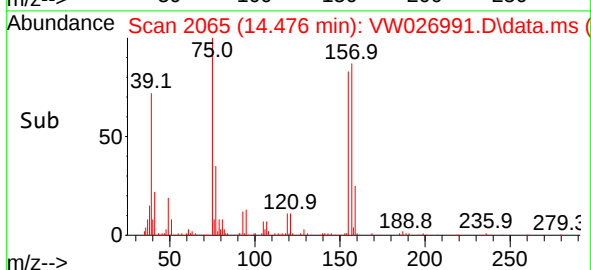
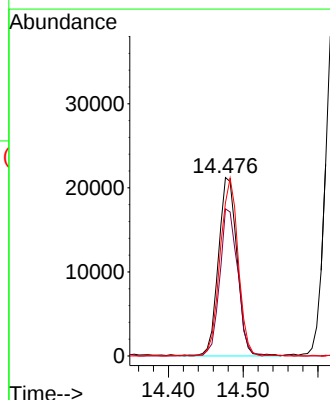
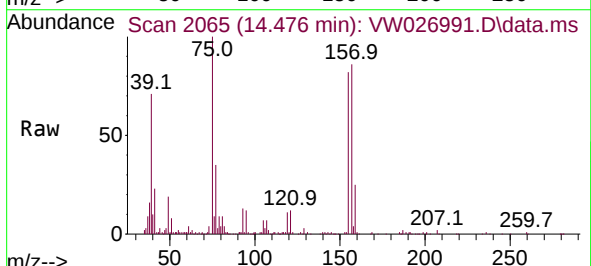
Tgt Ion: 75 Resp: 36746

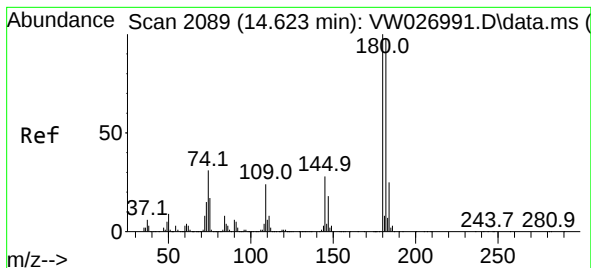
Ion Ratio Lower Upper

75 100

155 82.4 65.9 98.9

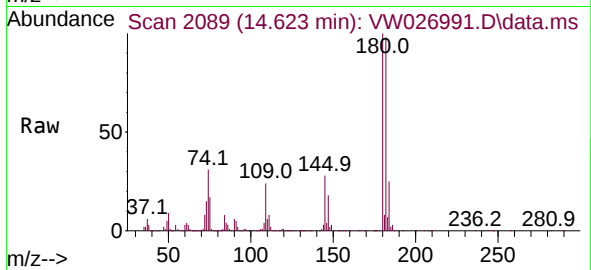
157 85.9 68.7 103.1



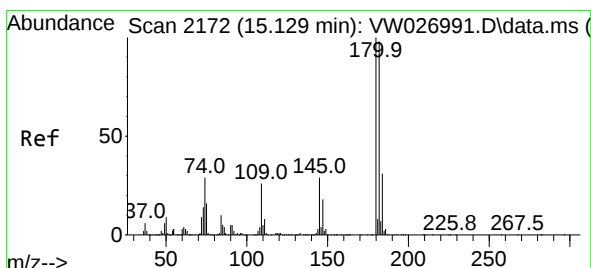
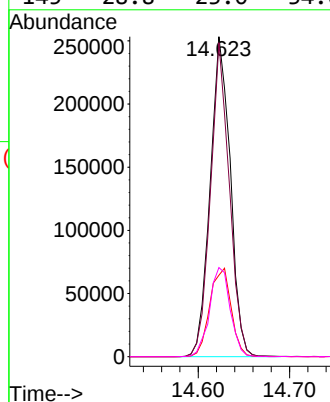
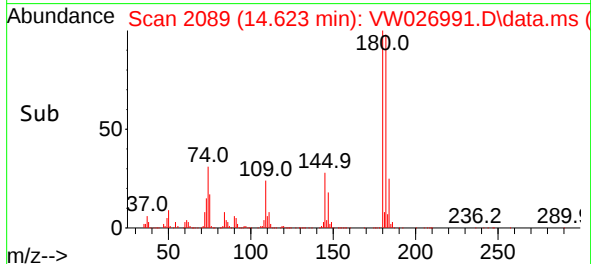


#69
 1,3,5-Trichlorobenzene
 Concen: 26.423 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46

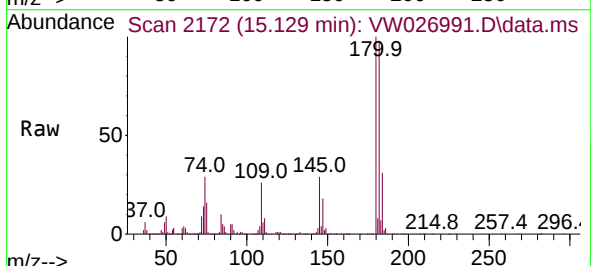
Instrument :
 MSVOA_W
 ClientSampleId :



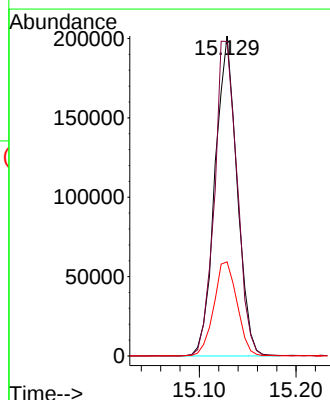
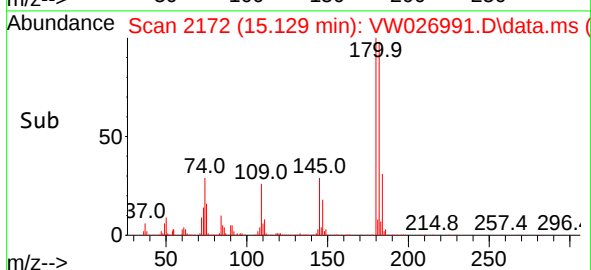
Tgt Ion:180 Resp: 386176
 Ion Ratio Lower Upper
 180 100
 182 92.0 73.6 110.4
 184 29.5 23.6 35.4
 145 28.8 23.0 34.6

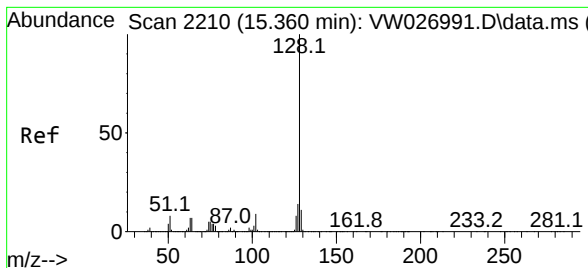


#70
 1,2,4-trichlorobenzene
 Concen: 26.788 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026991.D
 Acq: 05 Sep 2023 10:46



Tgt Ion:180 Resp: 318772
 Ion Ratio Lower Upper
 180 100
 182 101.3 81.0 121.6
 145 31.0 24.8 37.2





#71

Naphthalene

Concen: 28.479 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Instrument :

MSVOA_W

ClientSampleId :

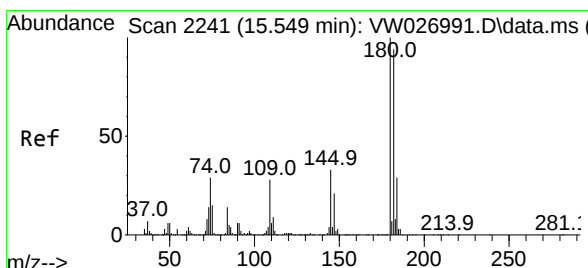
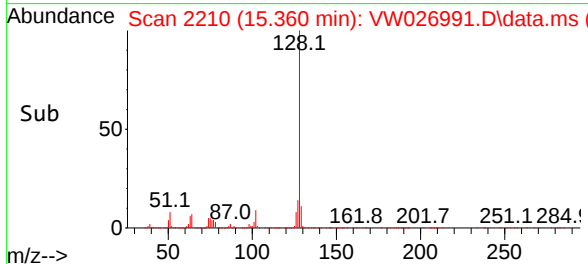
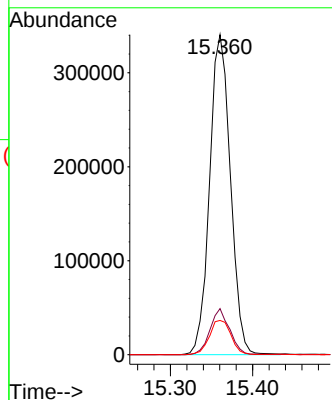
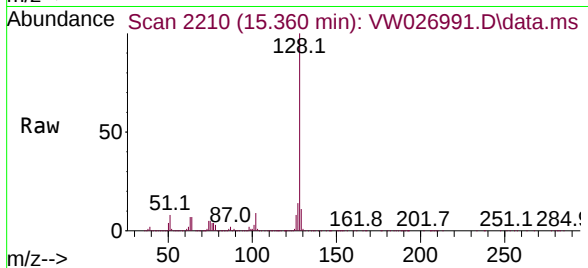
Tgt Ion:128 Resp: 599647

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 27.467 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026991.D

Acq: 05 Sep 2023 10:46

Tgt Ion:180 Resp: 296292

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.0 25.6 38.4

